

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112921\
 Data File : VW020983.D
 Acq On : 29 Nov 2021 15:10
 Operator : SY/VA
 Sample : M4833-19RE
 Misc : 4.42g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ESQN6RE

Quant Time: Nov 30 00:57:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 30 00:55:38 2021
 Response via : Initial Calibration

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

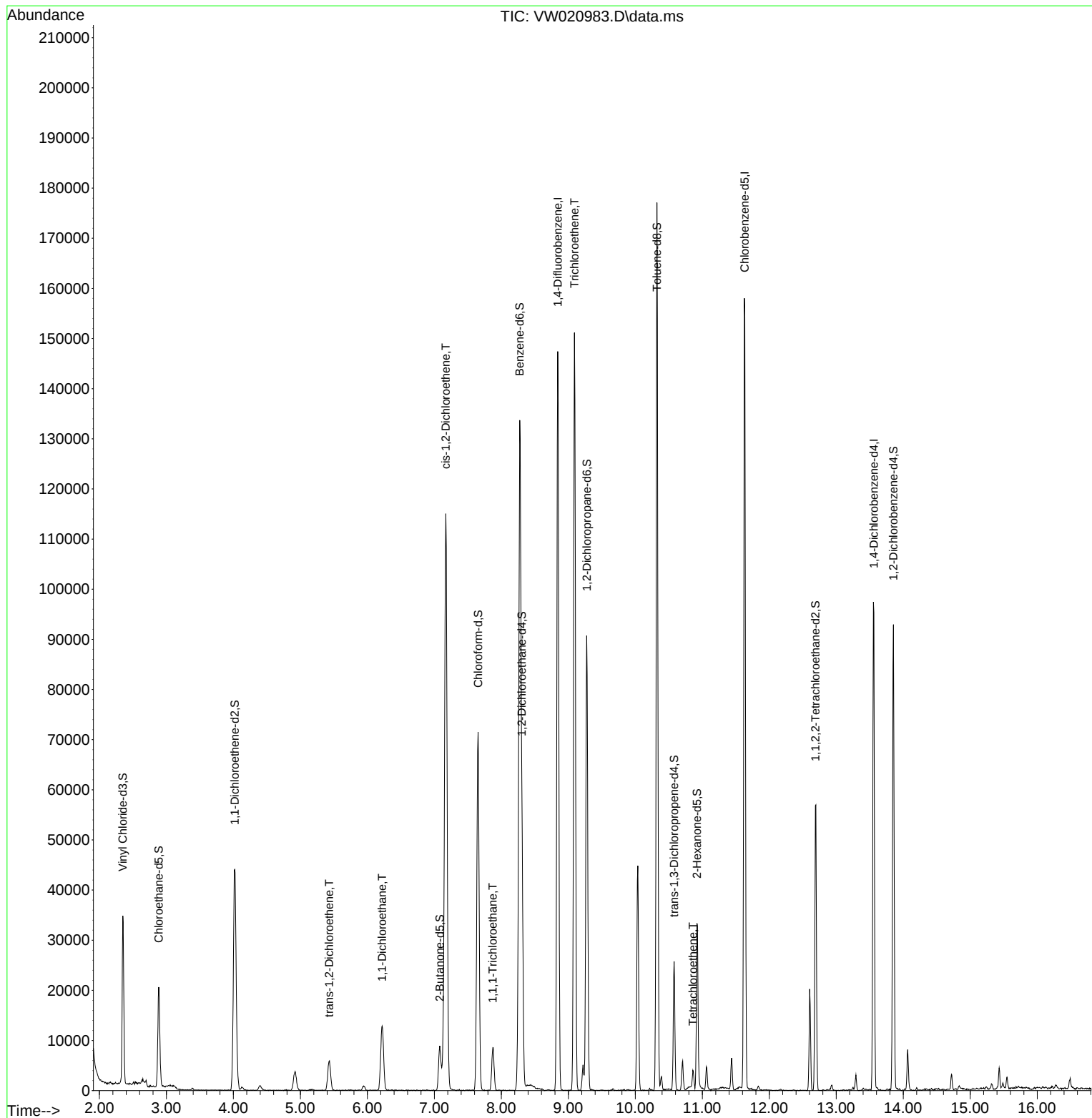
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	127575	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	90767	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	26573	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	29318	19.812	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.240%
7) Chloroethane-d5	2.885	69	21913	22.960	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.840%
11) 1,1-Dichloroethene-d2	4.019	63	41820	14.606	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.440%
21) 2-Butanone-d5	7.080	46	14830	40.151	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.300%
24) Chloroform-d	7.653	84	71132	22.129	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.520%
26) 1,2-Dichloroethane-d4	8.305	65	34914	21.398	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.600%
32) Benzene-d6	8.275	84	130061	27.187	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.760%
36) 1,2-Dichloropropane-d6	9.274	67	38728	28.429	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.720%
41) Toluene-d8	10.323	98	112145	23.619	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.480%
43) trans-1,3-Dichloroprop...	10.579	79	13182	20.472	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.880%
47) 2-Hexanone-d5	10.921	63	11491	50.860	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.720%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	27211	26.075	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.320%
66) 1,2-Dichlorobenzene-d4	13.853	152	25001	26.397	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.600%
Target Compounds						
					Qvalue	
17) trans-1,2-Dichloroethene	5.428	96	3960	2.299	ug/L	82
19) 1,1-Dichloroethane	6.220	63	18709	6.554	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	68993	37.159	ug/L	73
30) 1,1,1-Trichloroethane	7.872	97	7012	3.212	ug/L	94
34) Trichloroethene	9.092	95	48773	33.930	ug/L	86
46) Tetrachloroethene	10.860	164	759	0.575	ug/L	90

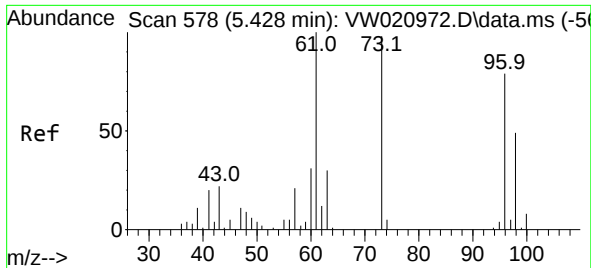
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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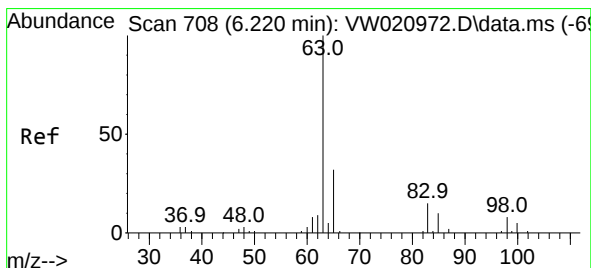
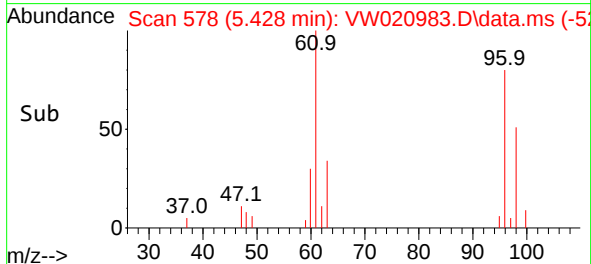
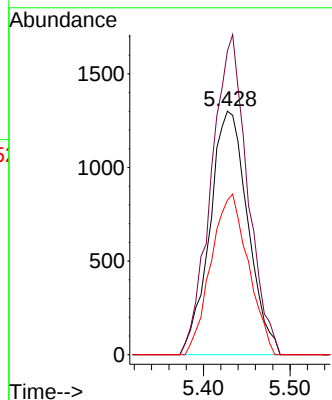
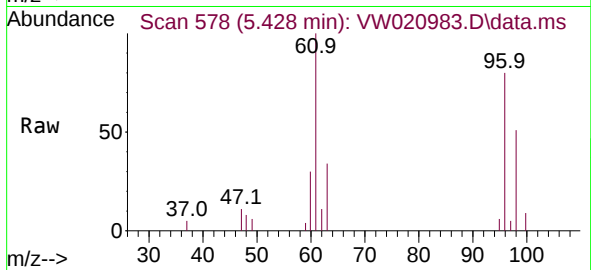




#17
trans-1,2-Dichloroethene
Concen: 2.299 ug/L
RT: 5.428 min Scan# 517
Delta R.T. 0.000 min
Lab File: VW020983.D
Acq: 29 Nov 2021 15:10

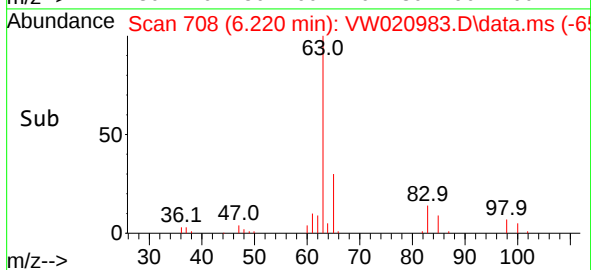
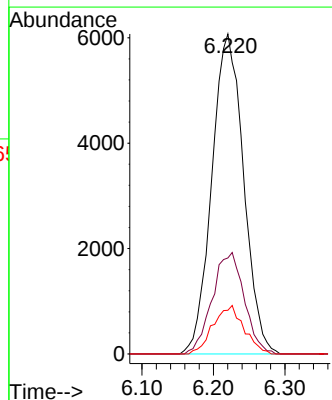
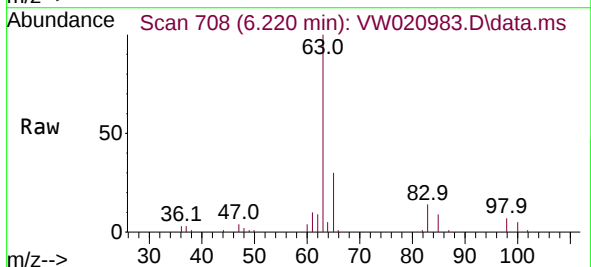
Instrument :
MSVOA_W
ClientSampleId :
ESQN6RE

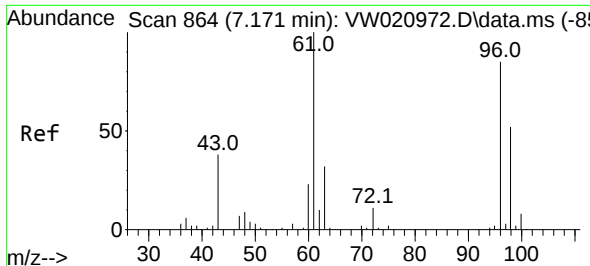
Tgt Ion: 96 Resp: 3960
Ion Ratio Lower Upper
96 100
61 124.7 107.4 199.4
98 63.4 41.2 76.6



#19
1,1-Dichloroethane
Concen: 6.554 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.000 min
Lab File: VW020983.D
Acq: 29 Nov 2021 15:10

Tgt Ion: 63 Resp: 18709
Ion Ratio Lower Upper
63 100
65 30.0 22.1 41.1
83 13.6 9.2 17.2

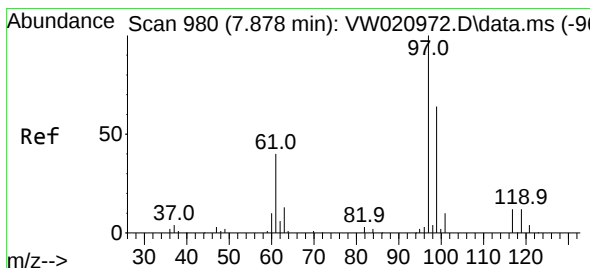
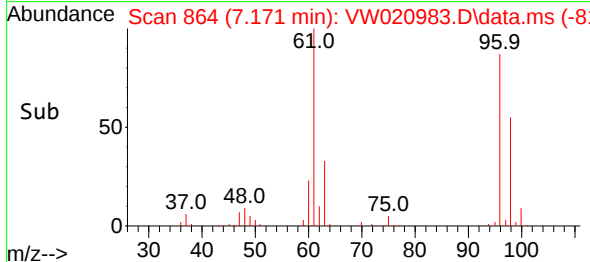
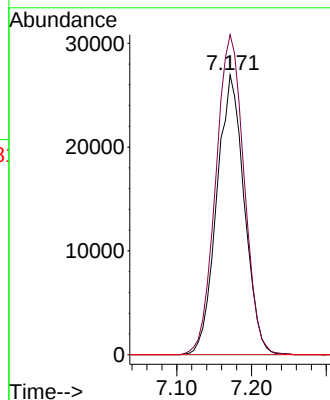
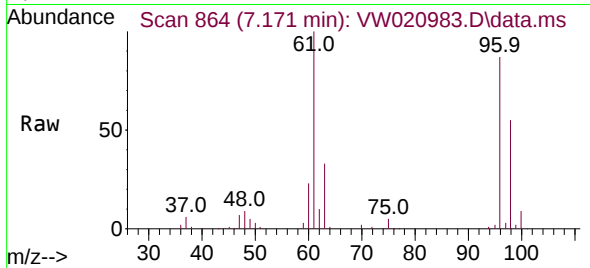




#20
 cis-1,2-Dichloroethene
 Concen: 37.159 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VW020983.D
 Acq: 29 Nov 2021 15:10

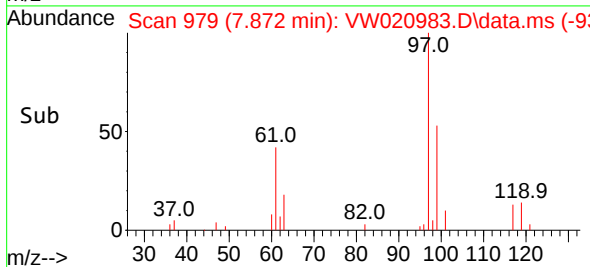
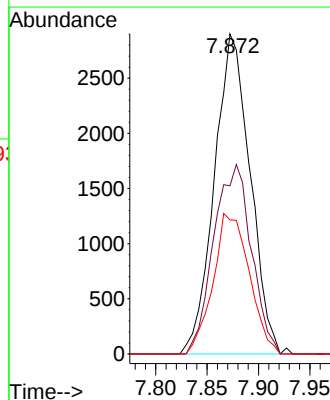
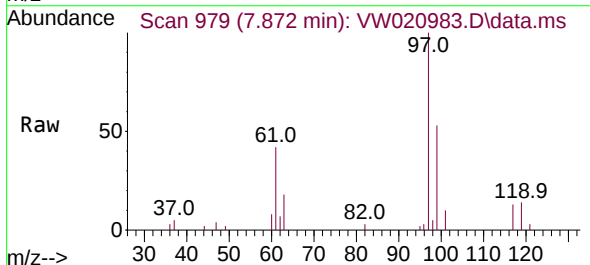
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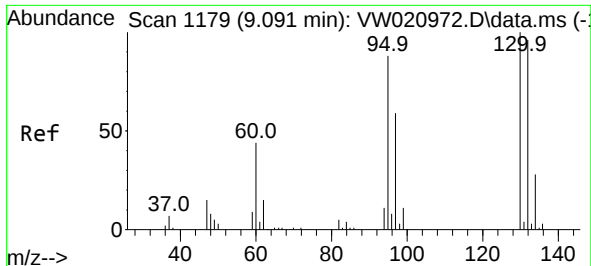
Tgt Ion: 96 Resp: 68993
 Ion Ratio Lower Upper
 96 100
 61 114.4 103.7 192.7
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 3.212 ug/L
 RT: 7.872 min Scan# 979
 Delta R.T. -0.006 min
 Lab File: VW020983.D
 Acq: 29 Nov 2021 15:10

Tgt Ion: 97 Resp: 7012
 Ion Ratio Lower Upper
 97 100
 99 62.5 51.6 77.4
 61 44.5 40.9 61.3





#34

Trichloroethene

Concen: 33.930 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW020983.D

Acq: 29 Nov 2021 15:10

Instrument :

MSVOA_W

ClientSampleId :

ESQN6RE

Tgt Ion: 95 Resp: 48773

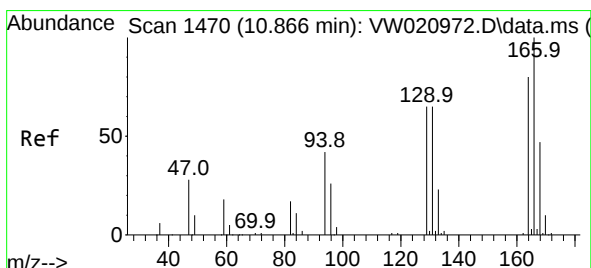
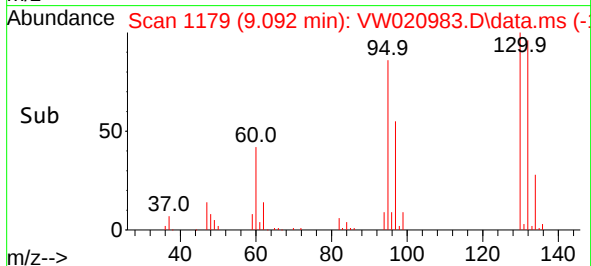
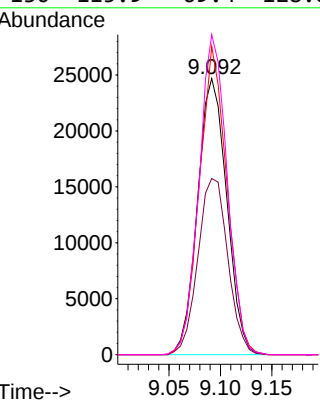
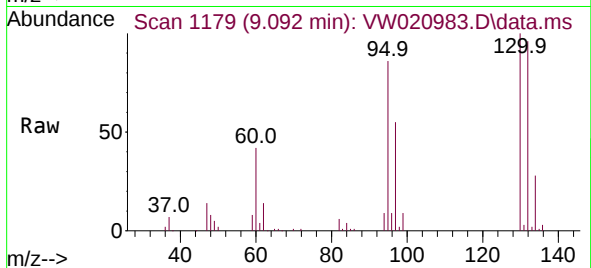
Ion Ratio Lower Upper

95 100

97 63.8 47.0 87.2

132 111.7 65.5 121.6

130 115.9 69.4 128.8



#46

Tetrachloroethene

Concen: 0.575 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.006 min

Lab File: VW020983.D

Acq: 29 Nov 2021 15:10

Tgt Ion: 164 Resp: 759

Ion Ratio Lower Upper

164 100

129 83.8 65.5 121.7

131 91.9 59.7 110.9

166 140.4 88.7 164.7

