

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
 Data File : VU047703.D
 Acq On : 26 Mar 2022 13:04
 Operator : SY/MD
 Sample : N2082-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW601

Quant Time: Mar 28 05:07:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 28 05:05:44 2022
 Response via : Initial Calibration

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

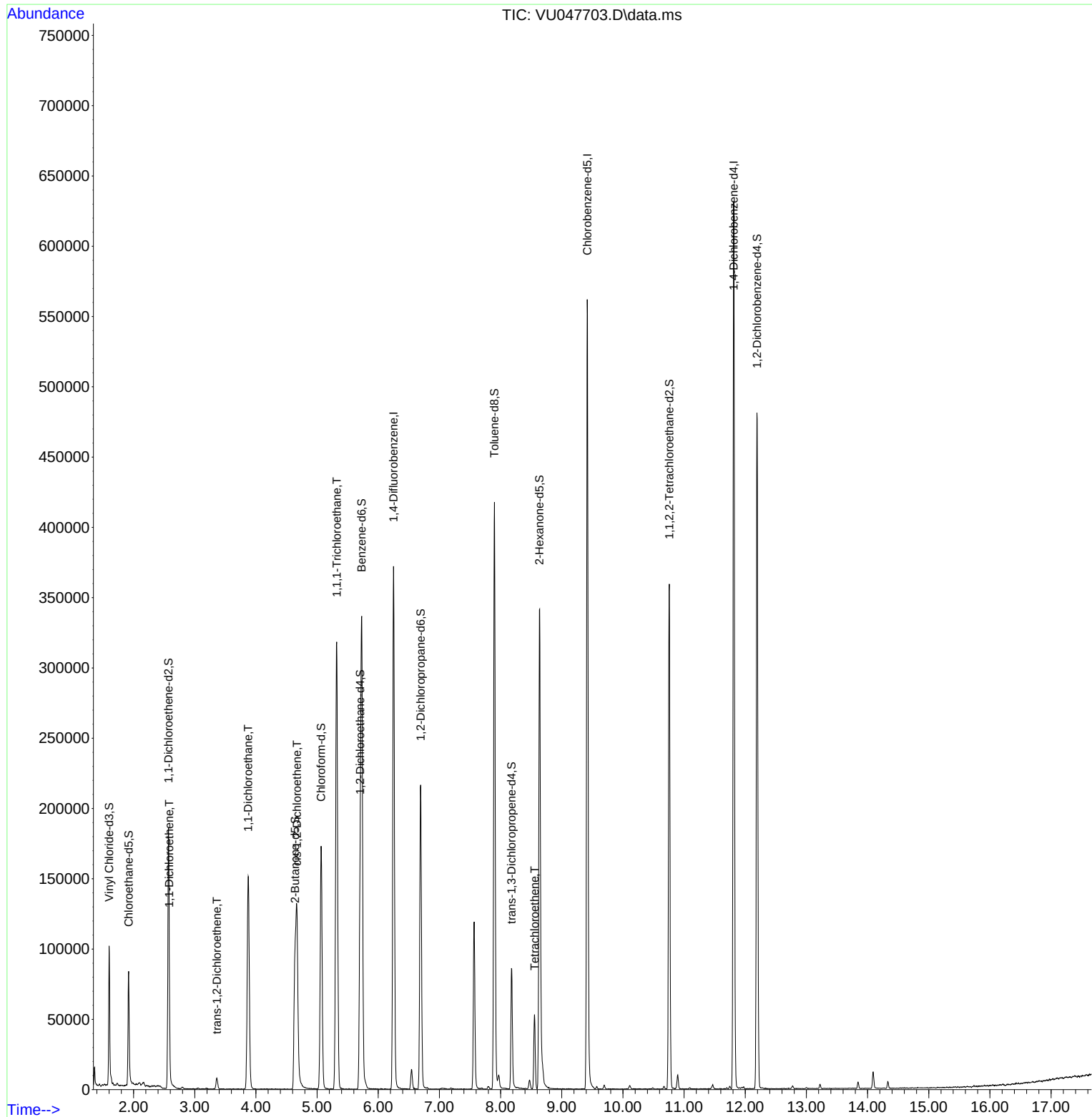
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	315657	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	326404	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	176589	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	70585	30.836	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.680%
7) Chloroethane-d5	1.919	69	62514	34.636	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.280%#
11) 1,1-Dichloroethene-d2	2.571	63	105442	25.177	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.360%#
21) 2-Butanone-d5	4.639	46	171527	87.303	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.300%
24) Chloroform-d	5.067	84	161691	38.605	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.220%
26) 1,2-Dichloroethane-d4	5.703	65	102943	40.075	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.140%
32) Benzene-d6	5.729	84	311381	37.912	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.820%
36) 1,2-Dichloropropane-d6	6.694	67	103111	40.879	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.760%
41) Toluene-d8	7.899	98	284250	35.522	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.040%#
43) trans-1,3-Dichloroprop...	8.179	79	48828	38.210	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.420%
47) 2-Hexanone-d5	8.636	63	125274	84.840	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.840%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	177130	40.919	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.840%
66) 1,2-Dichlorobenzene-d4	12.192	152	131523	41.864	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.720%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.584	96	3206	1.481	ug/L	# 1
17) trans-1,2-Dichloroethene	3.362	96	3243	1.389	ug/L	92
19) 1,1-Dichloroethane	3.874	63	174822	43.403	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	48924	19.108	ug/L	96
30) 1,1,1-Trichloroethane	5.321	97	230162	62.188	ug/L	99
46) Tetrachloroethene	8.555	164	12503	5.617	ug/L	97

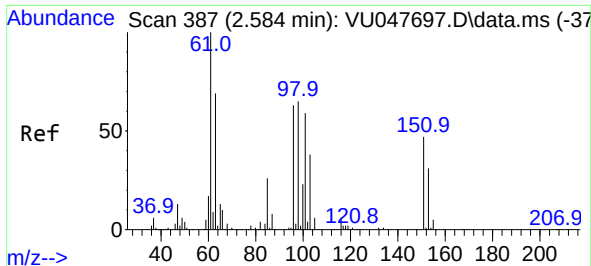
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.481 ug/L

RT: 2.584 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU047703.D

Acq: 26 Mar 2022 13:04

Instrument :

MSVOA_U

ClientSampleId :

EW601

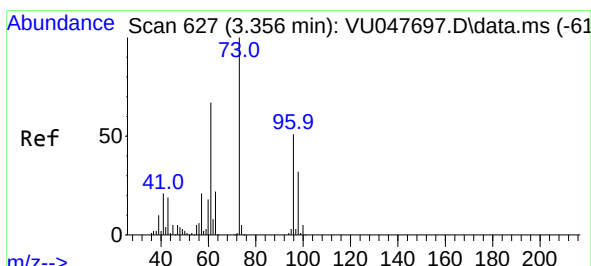
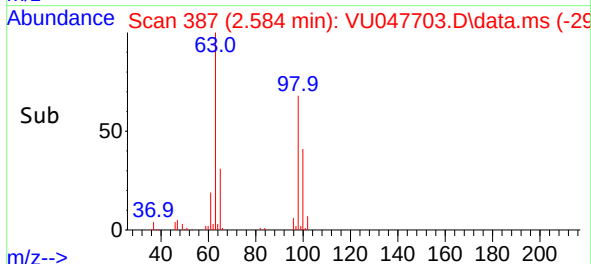
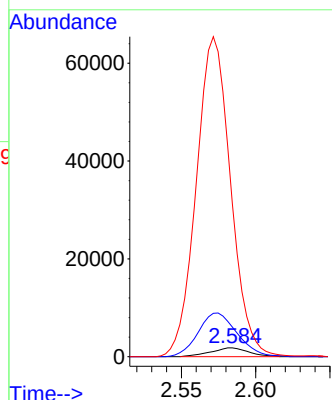
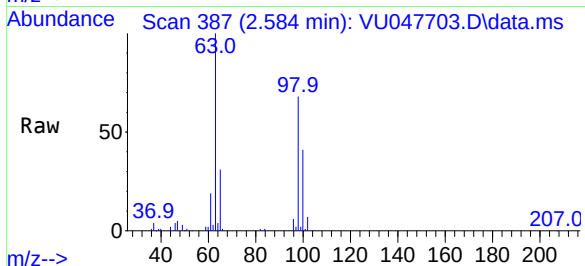
Tgt Ion: 96 Resp: 3206

Ion Ratio Lower Upper

96 100

61 335.1 113.1 210.1#

63 1732.4 94.8 176.0#



#17

trans-1,2-Dichloroethene

Concen: 1.389 ug/L

RT: 3.362 min Scan# 629

Delta R.T. 0.006 min

Lab File: VU047703.D

Acq: 26 Mar 2022 13:04

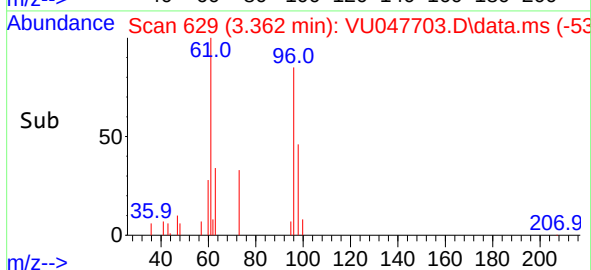
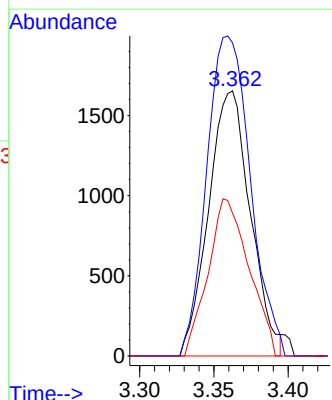
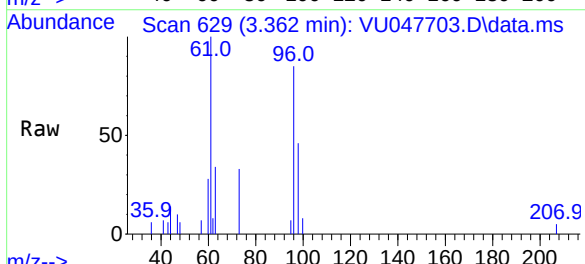
Tgt Ion: 96 Resp: 3243

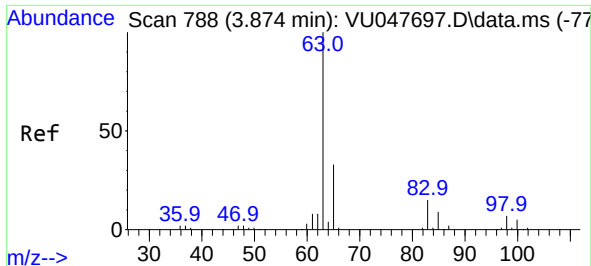
Ion Ratio Lower Upper

96 100

61 118.1 88.4 164.2

98 53.9 43.3 80.5

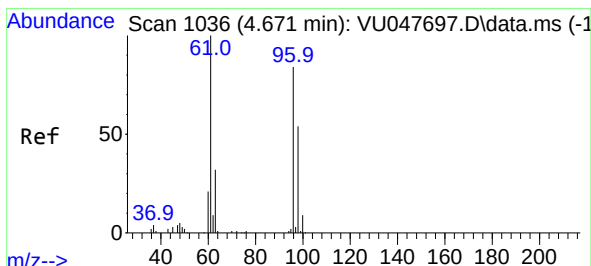
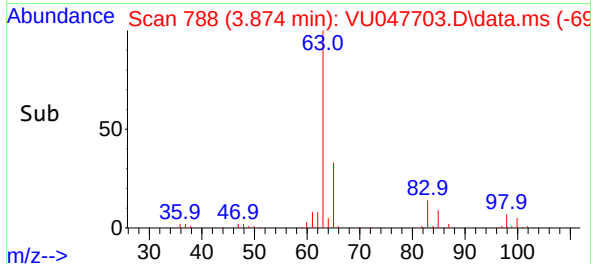
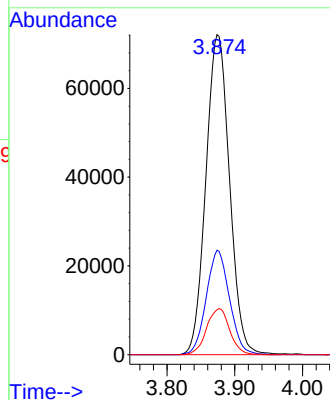
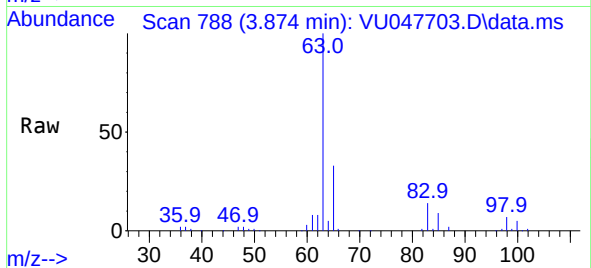




#19
1,1-Dichloroethane
Concen: 43.403 ug/L
RT: 3.874 min Scan# 719
Delta R.T. -0.000 min
Lab File: VU047703.D
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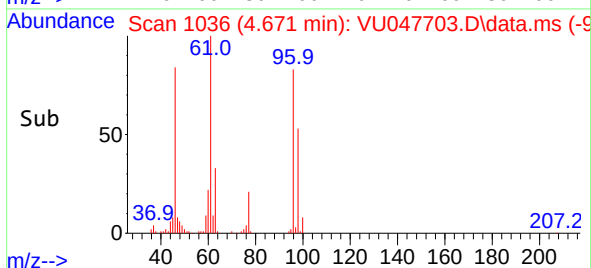
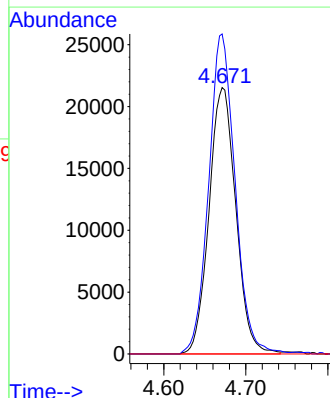
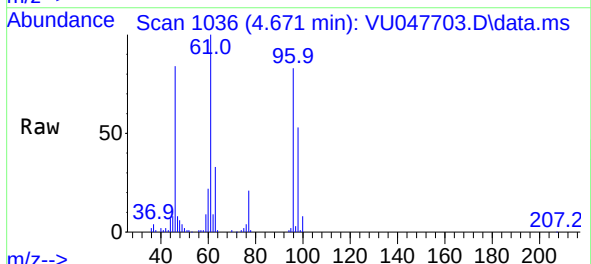
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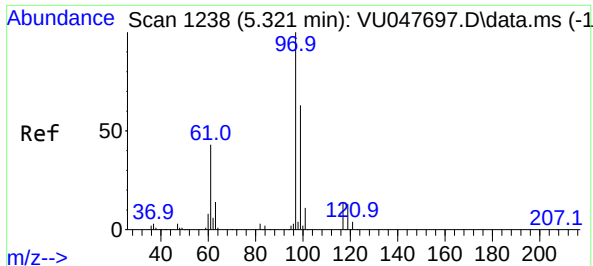
Tgt Ion: 63 Resp: 174822
Ion Ratio Lower Upper
63 100
65 32.7 22.0 41.0
83 14.0 9.7 18.1



#20
cis-1,2-Dichloroethene
Concen: 19.108 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU047703.D
Acq: 26 Mar 2022 13:04

Tgt Ion: 96 Resp: 48924
Ion Ratio Lower Upper
96 100
61 120.1 80.7 149.9
68 0.0 0.0 0.0

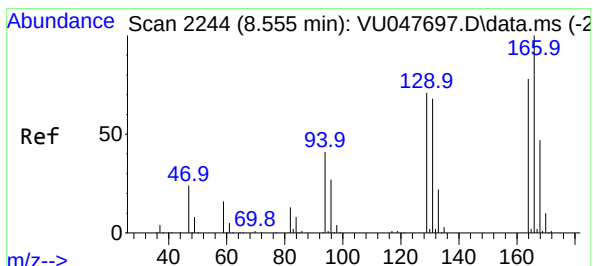
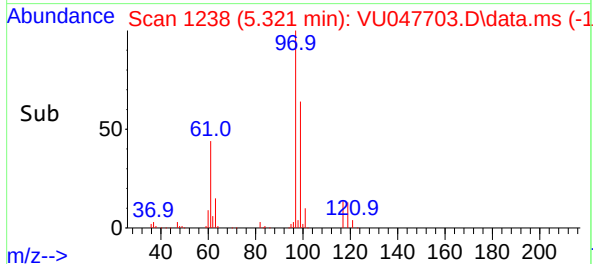
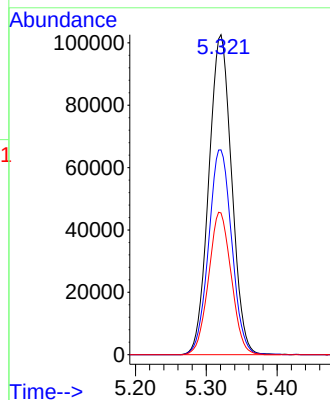
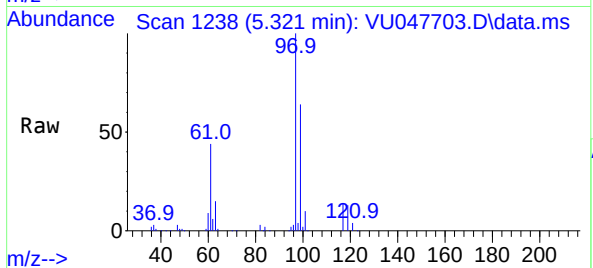




#30
1,1,1-Trichloroethane
Concen: 62.188 ug/L
RT: 5.321 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047703.D
Acq: 26 Mar 2022 13:04

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MSVOA_U
ClientSampleId :
EW601

Tgt Ion: 97 Resp: 230162
Ion Ratio Lower Upper
97 100
99 64.8 51.6 77.4
61 44.1 34.2 51.4



#46
Tetrachloroethene
Concen: 5.617 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047703.D
Acq: 26 Mar 2022 13:04

Tgt Ion: 164 Resp: 12503
Ion Ratio Lower Upper
164 100
129 87.1 62.4 116.0
131 80.0 60.7 112.7
166 125.3 89.0 165.4

