

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
 Data File : VU048032.D
 Acq On : 14 Apr 2022 02:36
 Operator : SY/MD
 Sample : N2387-03 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J55

Quant Time: Apr 14 07:20:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 14 06:53:20 2022
 Response via : Initial Calibration

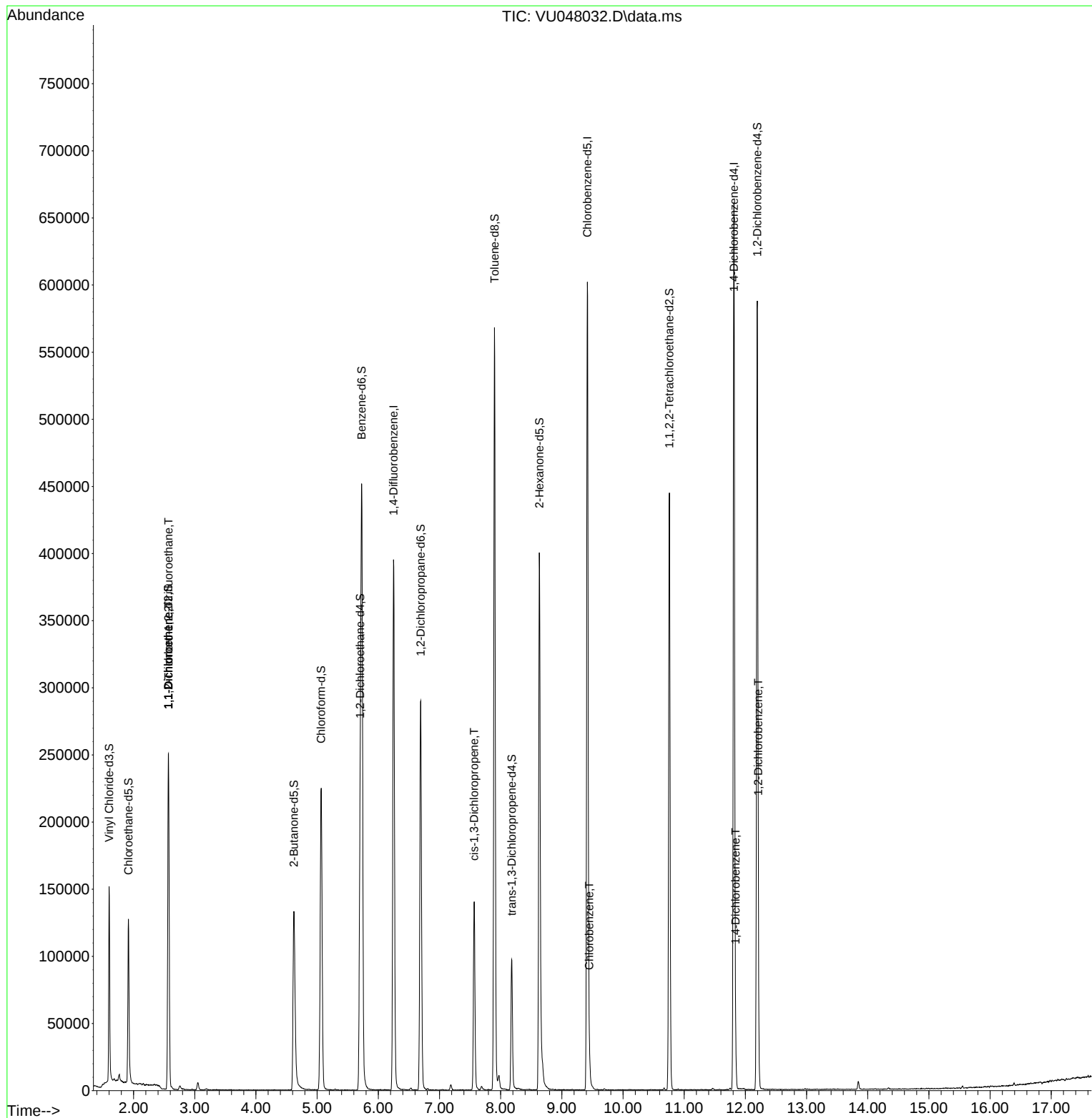
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	338812	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	355926	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	186265	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	104938	42.711	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	85.420%	
7) Chloroethane-d5	1.916	69	96184	49.648	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	99.300%	
11) 1,1-Dichloroethene-d2	2.568	63	143152	31.846	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	63.700%	
21) 2-Butanone-d5	4.620	46	196546	93.201	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	93.200%	
24) Chloroform-d	5.067	84	212129	47.186	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.380%	
26) 1,2-Dichloroethane-d4	5.703	65	137702	49.942	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	99.880%	
32) Benzene-d6	5.729	84	431129	48.138	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	96.280%	
36) 1,2-Dichloropropane-d6	6.694	67	140172	50.962	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	101.920%	
41) Toluene-d8	7.899	98	378349	43.359	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	86.720%	
43) trans-1,3-Dichloroprop...	8.182	79	55577	39.884	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	79.760%	
47) 2-Hexanone-d5	8.633	63	141663	87.982	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	87.980%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	217936	46.170	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	92.340%	
66) 1,2-Dichlorobenzene-d4	12.195	152	166334	50.194	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	100.380%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	1338	0.536	ug/L #	18
12) 1,1-Dichloroethene	2.572	96	983	0.423	ug/L #	1
39) cis-1,3-Dichloropropene	7.565	75	3152	0.776	ug/L #	62
51) Chlorobenzene	9.446	112	12548	1.635	ug/L	90
65) 1,4-Dichlorobenzene	11.838	146	11415	1.970	ug/L	96
67) 1,2-Dichlorobenzene	12.211	146	7520	1.343	ug/L #	90

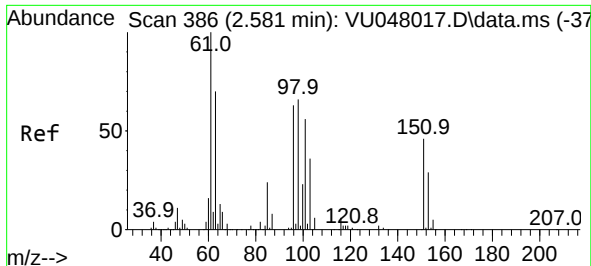
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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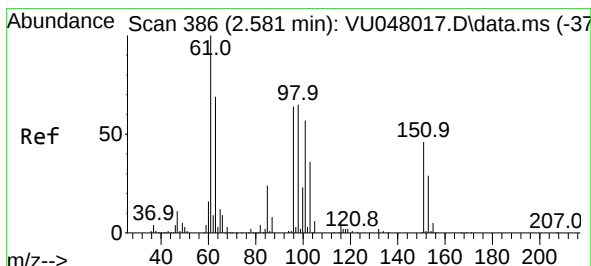
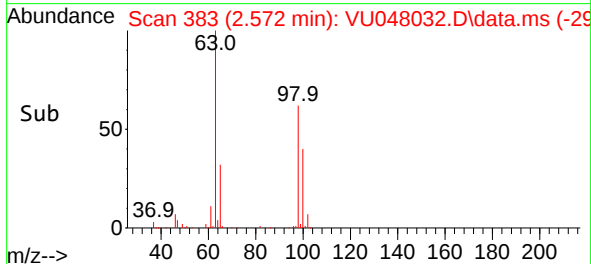
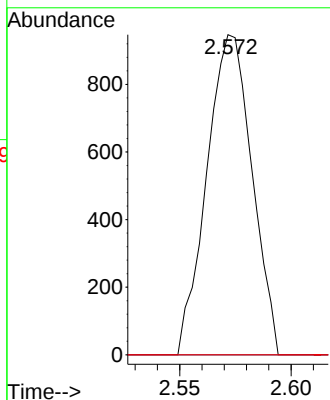
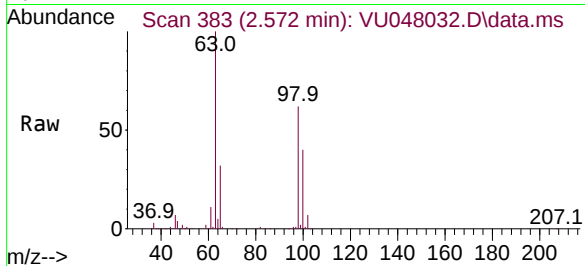




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.536 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.010 min
 Lab File: VU048032.D
 Acq: 14 Apr 2022 02:36

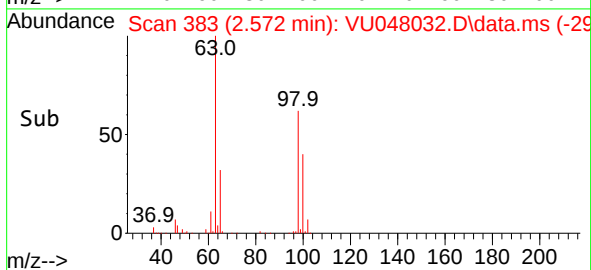
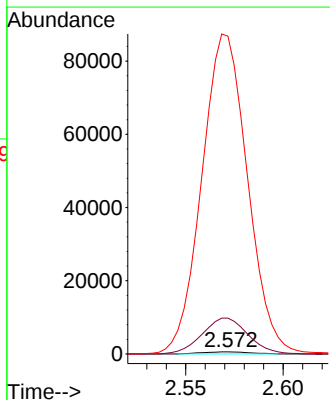
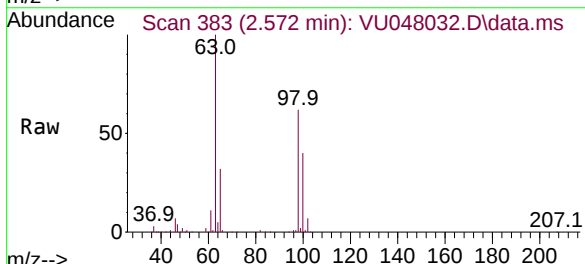
Instrument :
 MSVOA_U
 ClientSampleId :
 C0J55

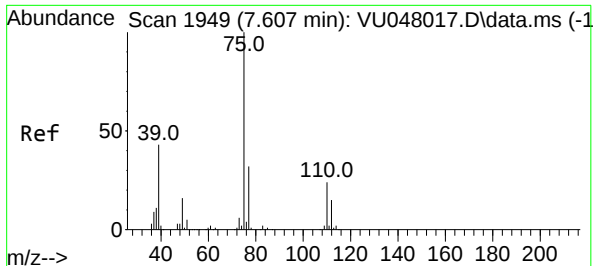
Tgt Ion: 101 Resp: 1338
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.423 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.010 min
 Lab File: VU048032.D
 Acq: 14 Apr 2022 02:36

Tgt Ion: 96 Resp: 983
 Ion Ratio Lower Upper
 96 100
 61 1710.1 113.1 210.1#
 63 15176.2 94.8 176.0#





#39

cis-1,3-Dichloropropene

Concen: 0.776 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU048032.D

Acq: 14 Apr 2022 02:36

Instrument :

MSVOA_U

ClientSampleId :

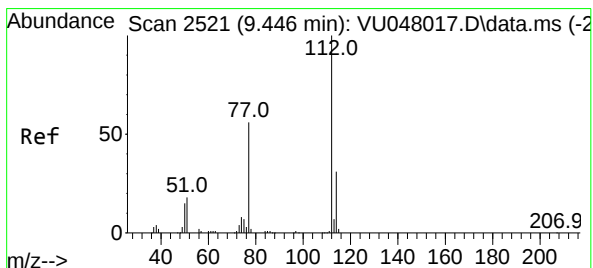
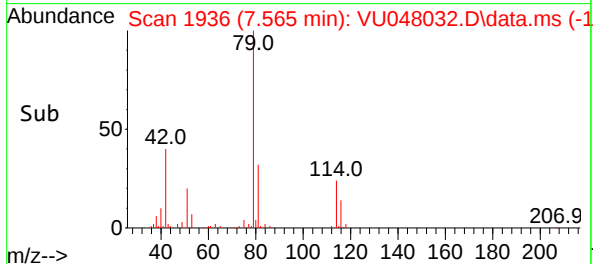
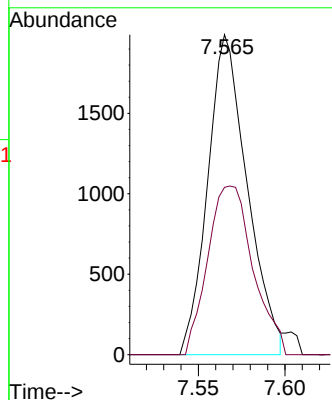
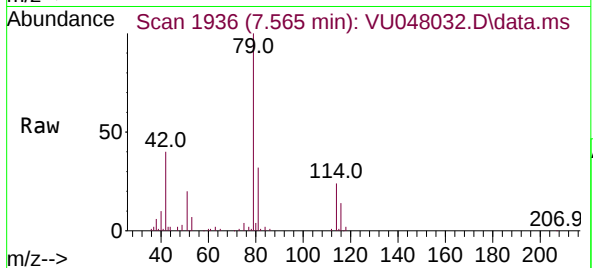
C0J55

Tgt Ion: 75 Resp: 3152

Ion Ratio Lower Upper

75 100

77 52.3 21.8 40.6#



#51

Chlorobenzene

Concen: 1.635 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU048032.D

Acq: 14 Apr 2022 02:36

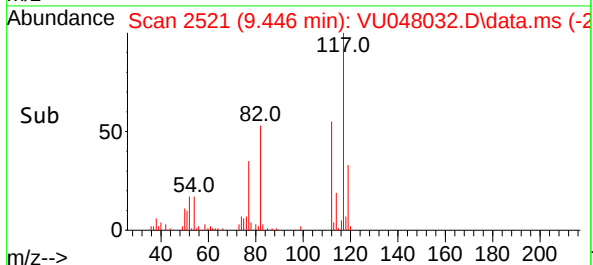
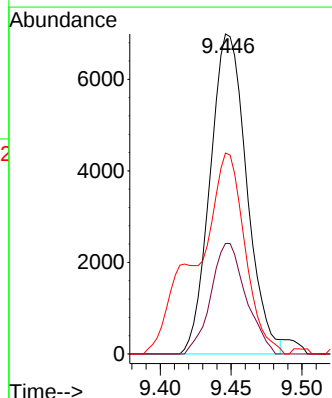
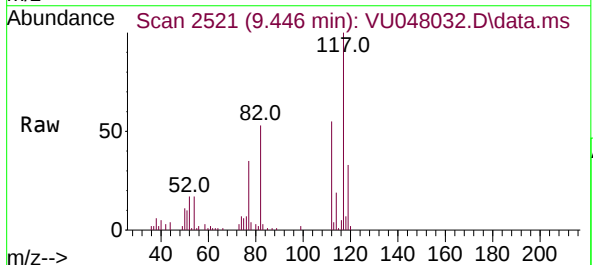
Tgt Ion: 112 Resp: 12548

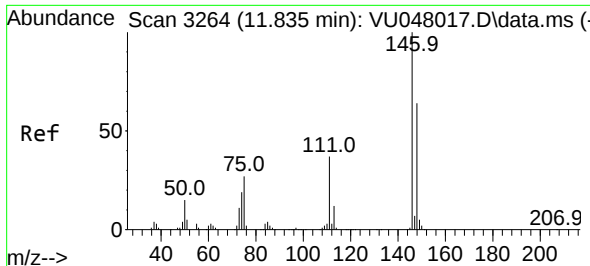
Ion Ratio Lower Upper

112 100

114 34.5 22.1 41.1

77 62.8 43.4 65.0

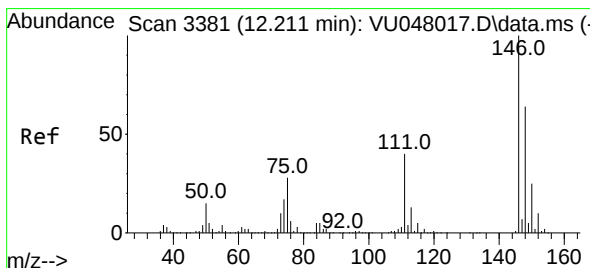
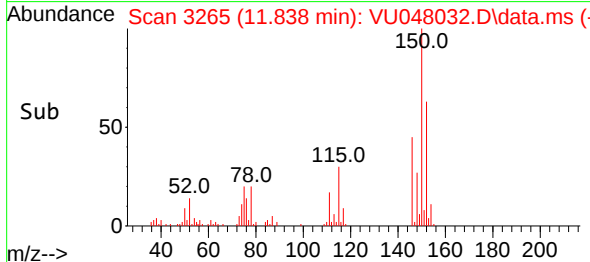
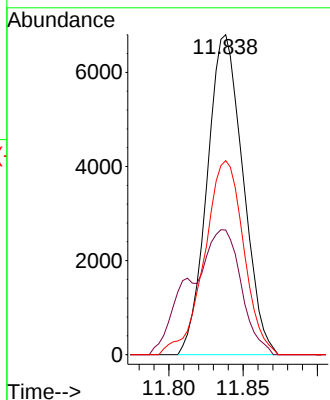
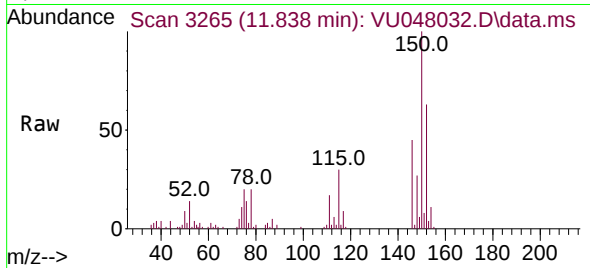




#65
1,4-Dichlorobenzene
Concen: 1.970 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048032.D
Acq: 14 Apr 2022 02:36

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C0J55

Tgt Ion:146 Resp: 11415
Ion Ratio Lower Upper
146 100
111 39.0 25.3 47.1
148 60.7 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 1.343 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU048032.D
Acq: 14 Apr 2022 02:36

Tgt Ion:146 Resp: 7520
Ion Ratio Lower Upper
146 100
111 50.9 31.7 47.5#
148 60.9 51.4 77.2

