

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020824\
 Data File : VW034048.D
 Acq On : 08 Feb 2024 11:01
 Operator : SY/MD
 Sample : P1400-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF5

Quant Time: Feb 09 00:40:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 09 00:39:09 2024
 Response via : Initial Calibration

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

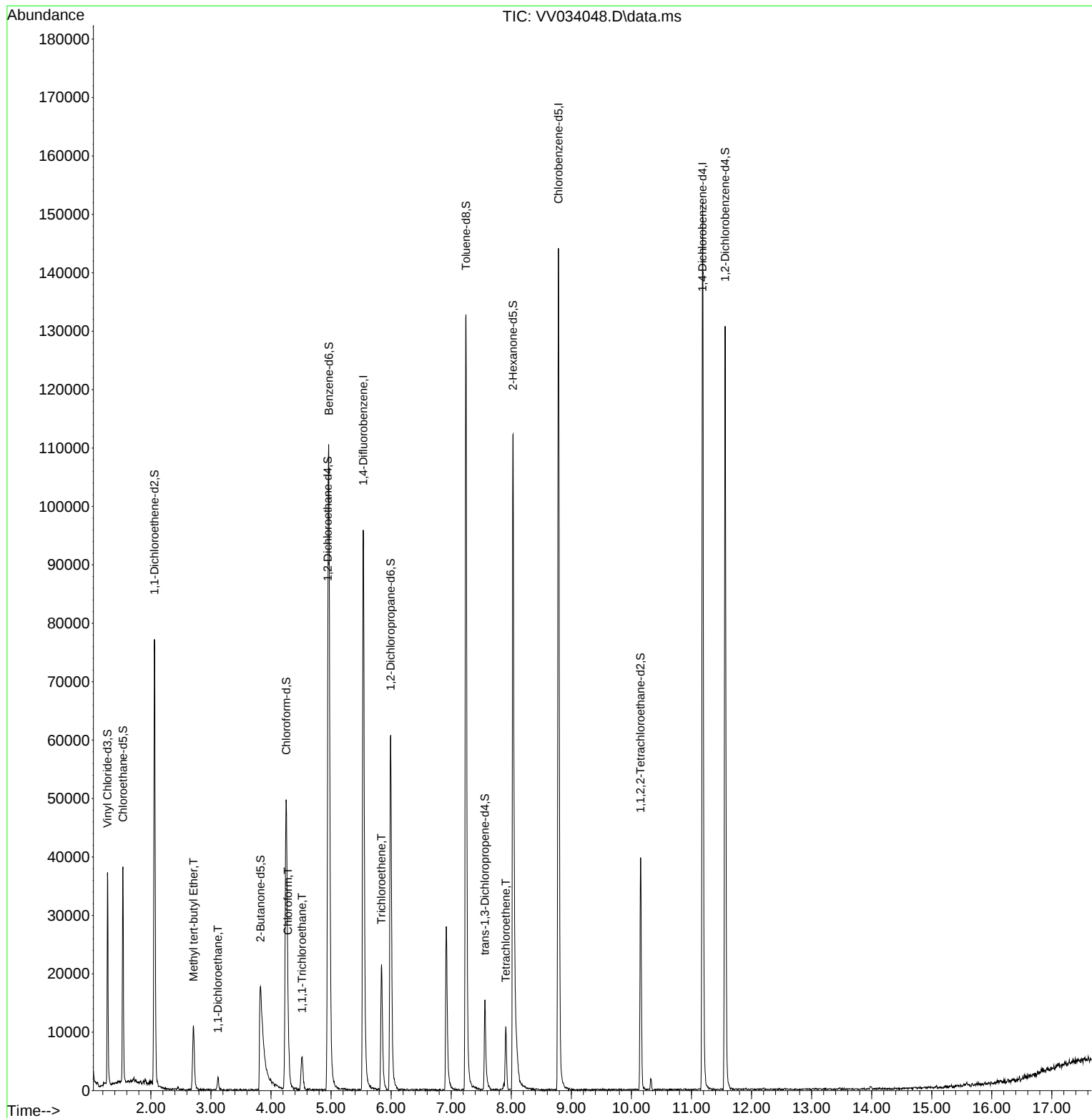
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	86753	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	79559	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	39471	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	23325	3.472	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	69.400%	
7) Chloroethane-d5	1.535	69	22459	3.816	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	76.400%	
11) 1,1-Dichloroethene-d2	2.059	65	12265	3.785	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.800%	
20) 2-Butanone-d5	3.825	46	51543	45.678	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	91.360%	
24) Chloroform-d	4.252	84	53277	4.364	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.200%	
26) 1,2-Dichloroethane-d4	4.947	65	26957	4.725	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.400%	
32) Benzene-d6	4.963	84	99804	4.181	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.600%	
36) 1,2-Dichloropropane-d6	5.992	67	29202	4.377	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.600%	
41) Toluene-d8	7.246	98	90188	4.111	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.200%	
43) trans-1,3-Dichloroprop...	7.561	79	10280	4.080	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.600%	
46) 2-Hexanone-d5	8.027	63	42473	47.224	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.440%	
56) 1,1,2,2-Tetrachloroeth...	10.152	84	18273	4.517	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.400%	
66) 1,2-Dichlorobenzene-d4	11.561	152	32883	4.581	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.600%	
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	2.709	73	11657	0.936	ug/L	99
19) 1,1-Dichloroethane	3.117	63	2490	0.220	ug/L	97
25) Chloroform	4.281	83	5167	0.451	ug/L	98
29) 1,1,1-Trichloroethane	4.516	97	5468	0.512	ug/L	92
34) Trichloroethene	5.837	95	7523	1.089	ug/L	92
47) Tetrachloroethene	7.908	164	2451	0.437	ug/L	90

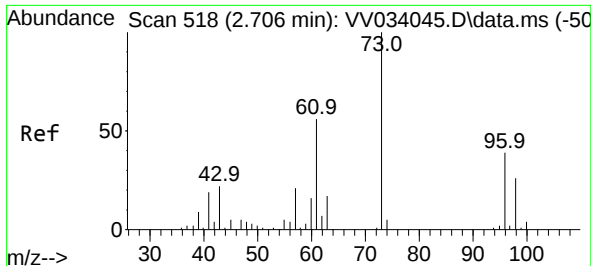
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

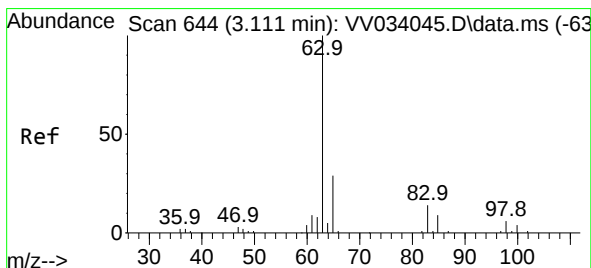
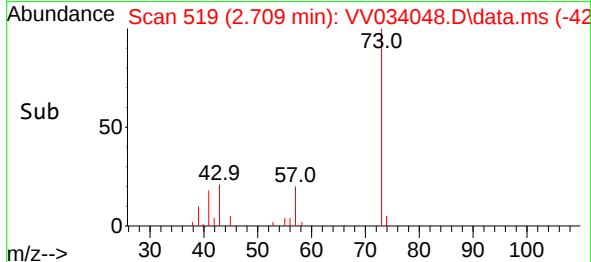
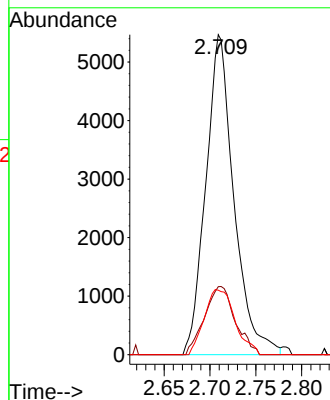
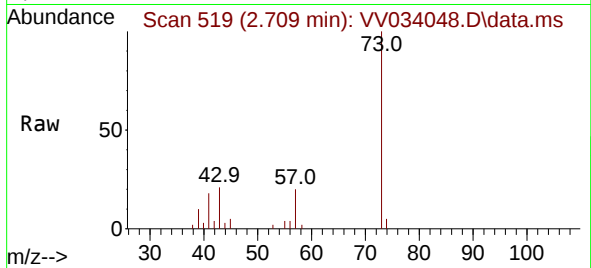




#17
Methyl tert-butyl Ether
Concen: 0.936 ug/L
RT: 2.709 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV034048.D
Acq: 08 Feb 2024 11:01

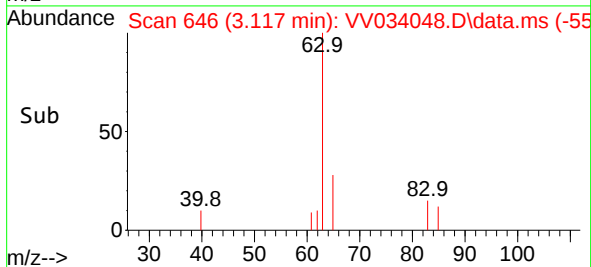
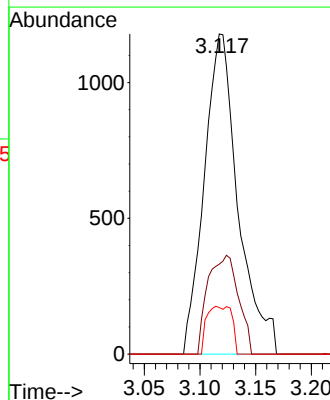
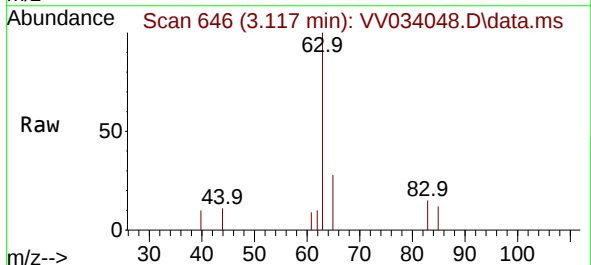
Instrument :
MSVOA_V
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C0AF5

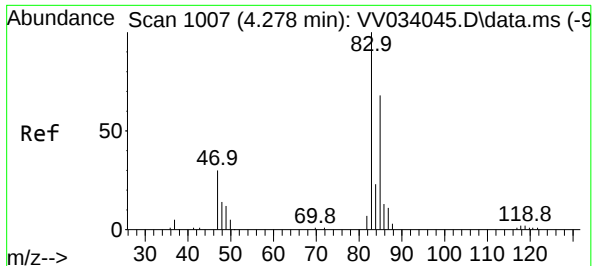
Tgt Ion:	73	Resp:	11657
Ion	Ratio	Lower	Upper
73	100		
43	23.2	17.7	26.5
57	22.2	17.9	26.9



#19
1,1-Dichloroethane
Concen: 0.220 ug/L
RT: 3.117 min Scan# 646
Delta R.T. 0.006 min
Lab File: VV034048.D
Acq: 08 Feb 2024 11:01

Tgt Ion:	63	Resp:	2490
Ion	Ratio	Lower	Upper
63	100		
65	28.1	20.8	38.6
83	14.5	9.4	17.4

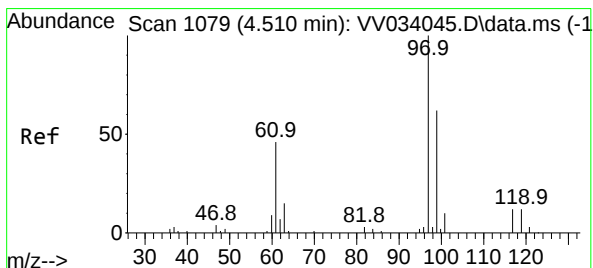
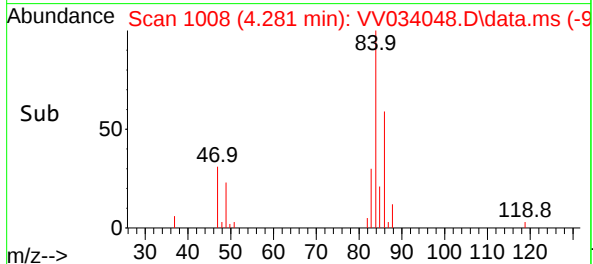
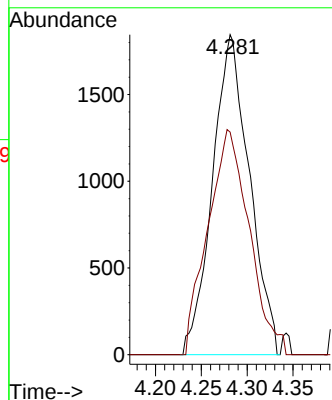
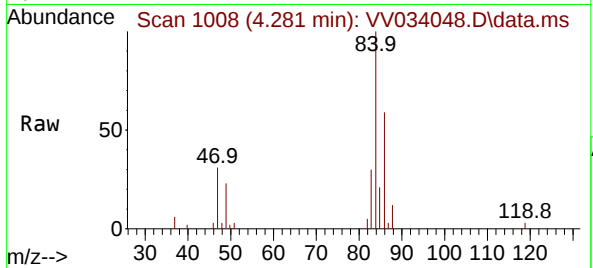




#25
Chloroform
Concen: 0.451 ug/L
RT: 4.281 min Scan# 1007
Delta R.T. 0.003 min
Lab File: VV034048.D
Acq: 08 Feb 2024 11:01

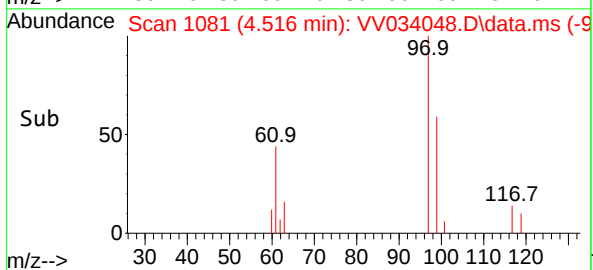
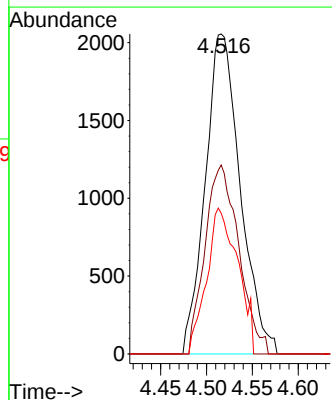
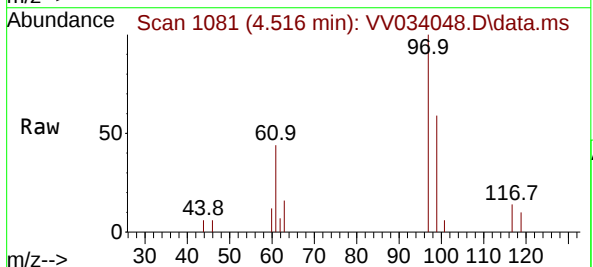
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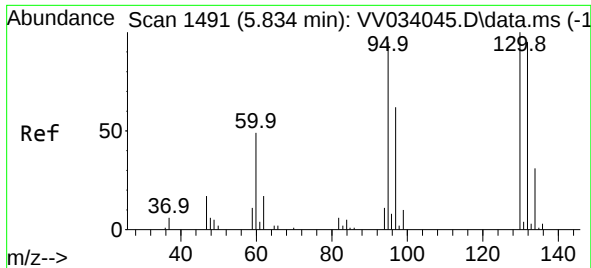
Tgt Ion: 83 Resp: 5167
Ion Ratio Lower Upper
83 100
85 69.5 47.5 88.1



#29
1,1,1-Trichloroethane
Concen: 0.512 ug/L
RT: 4.516 min Scan# 1081
Delta R.T. 0.006 min
Lab File: VV034048.D
Acq: 08 Feb 2024 11:01

Tgt Ion: 97 Resp: 5468
Ion Ratio Lower Upper
97 100
99 56.9 50.6 75.8
61 40.4 36.8 55.2



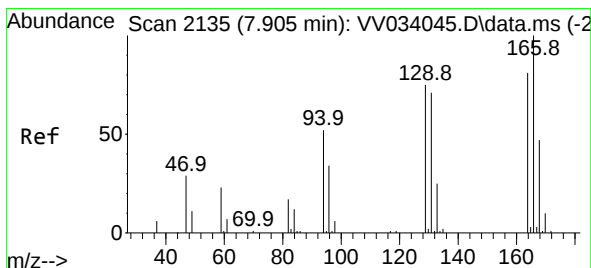
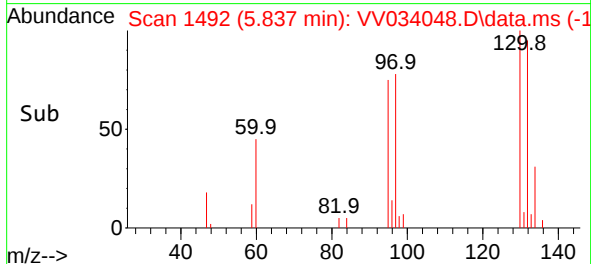
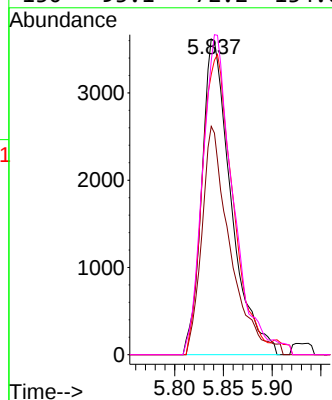
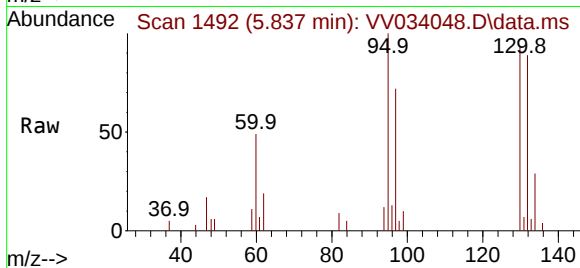


#34
Trichloroethene
Concen: 1.089 ug/L
RT: 5.837 min Scan# 1492
Delta R.T. 0.003 min
Lab File: VV034048.D
Acq: 08 Feb 2024 11:01

Instrument :
MSVOA_V
ClientSampleId :
C0AF5

Tgt Ion: 95 Resp: 7523

Ion	Ratio	Lower	Upper
95	100		
97	72.3	45.1	83.7
132	88.8	66.0	122.6
130	93.1	72.2	134.0



#47
Tetrachloroethene
Concen: 0.437 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.003 min
Lab File: VV034048.D
Acq: 08 Feb 2024 11:01

Tgt Ion: 164 Resp: 2451

Ion	Ratio	Lower	Upper
164	100		
129	91.8	67.8	125.8
131	84.6	63.0	117.0
166	112.3	92.6	172.0

