

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061924\
 Data File : VU059359.D
 Acq On : 19 Jun 2024 17:29
 Operator : MD/SY
 Sample : P2960-01 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAS7

Quant Time: Jun 20 06:01:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 17 12:07:46 2024
 Response via : Initial Calibration

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

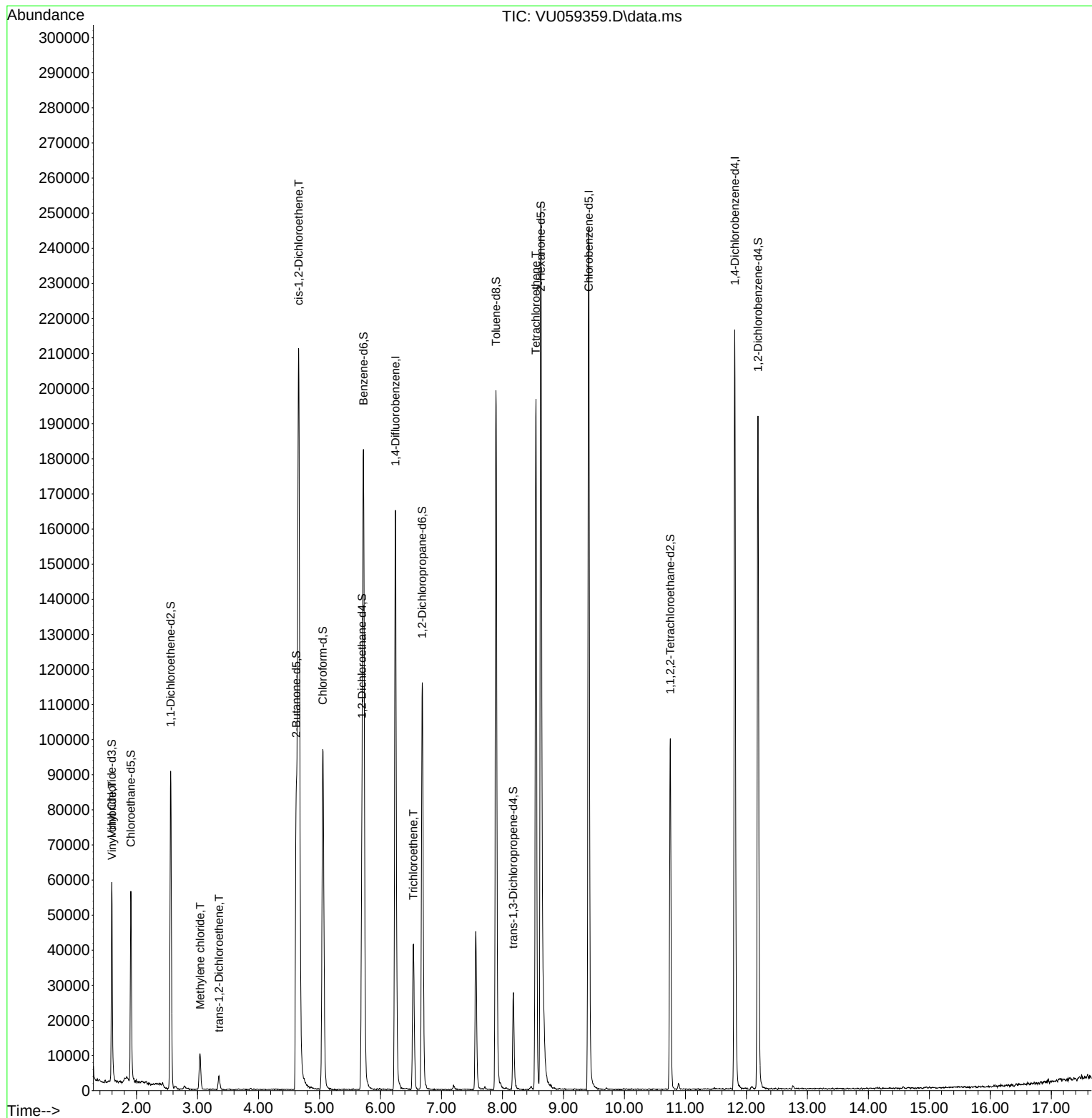
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	139132	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	148055	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	62263	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	40304	4.166	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.400%	
7) Chloroethane-d5	1.907	69	41594	4.468	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.400%	
11) 1,1-Dichloroethene-d2	2.560	65	16661	4.151	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	83.000%	
20) 2-Butanone-d5	4.621	46	122826	61.634	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	123.260%	
24) Chloroform-d	5.055	84	92463	4.656	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.200%	
26) 1,2-Dichloroethane-d4	5.698	65	48462	5.066	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.400%	
32) Benzene-d6	5.721	84	177466	4.355	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.200%	
36) 1,2-Dichloropropane-d6	6.685	67	57758	4.626	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.600%	
41) Toluene-d8	7.894	98	140881	3.719	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	74.400%	
43) trans-1,3-Dichloroprop...	8.177	79	16959	4.338	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.800%	
46) 2-Hexanone-d5	8.631	63	86454	53.218	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	106.440%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	51112	4.954	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.000%	
66) 1,2-Dichlorobenzene-d4	12.190	152	55097	4.972	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.400%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	3858	0.275	ug/L	# 76
16) Methylene chloride	3.042	84	5515	0.472	ug/L	100
18) trans-1,2-Dichloroethene	3.354	96	2059	0.201	ug/L	78
22) cis-1,2-Dichloroethene	4.660	96	111341	9.843	ug/L	96
34) Trichloroethene	6.541	95	14248	1.170	ug/L	98
47) Tetrachloroethene	8.550	164	44774	4.739	ug/L	96

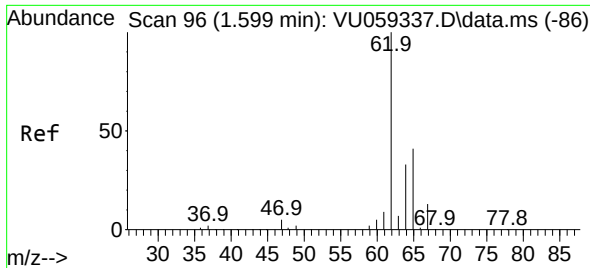
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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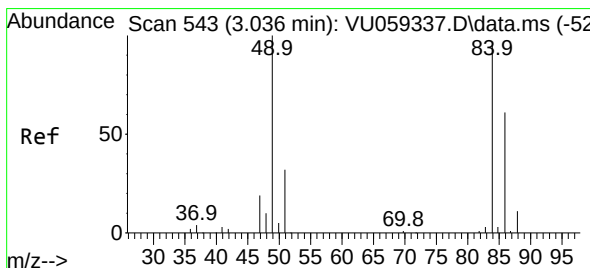
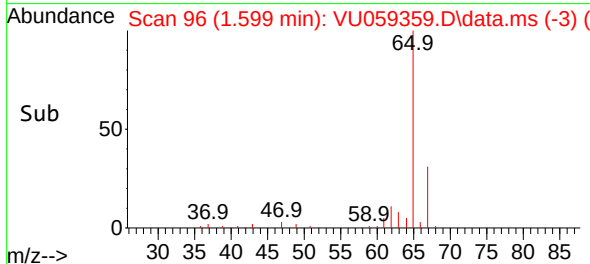
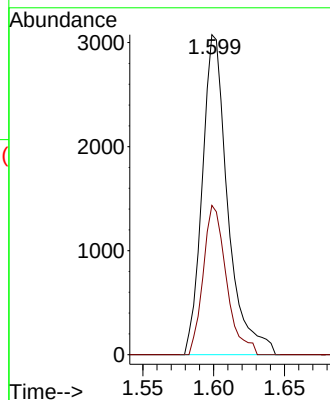
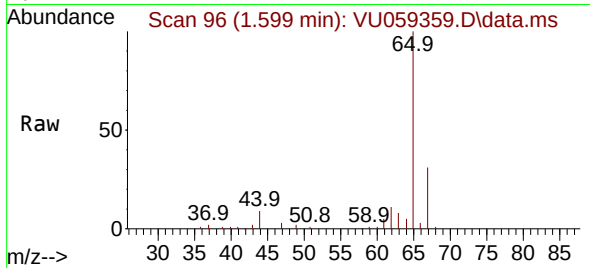




#5
 Vinyl chloride
 Concen: 0.275 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VU059359.D
 Acq: 19 Jun 2024 17:29

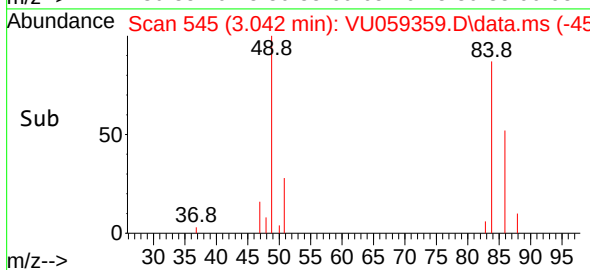
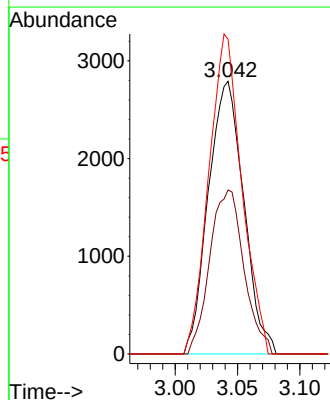
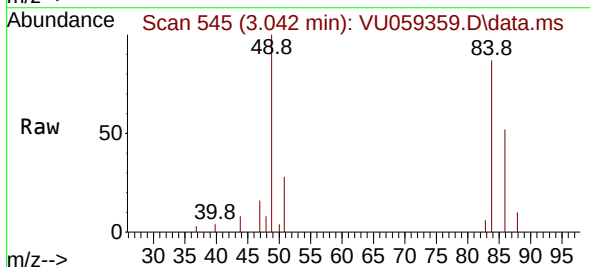
Instrument :
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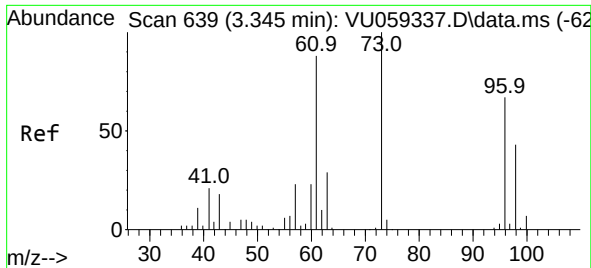
Tgt Ion: 62 Resp: 3858
 Ion Ratio Lower Upper
 62 100
 64 46.7 23.1 42.9#



#16
 Methylene chloride
 Concen: 0.472 ug/L
 RT: 3.042 min Scan# 545
 Delta R.T. 0.003 min
 Lab File: VU059359.D
 Acq: 19 Jun 2024 17:29

Tgt Ion: 84 Resp: 5515
 Ion Ratio Lower Upper
 84 100
 86 60.1 42.1 78.1
 49 115.4 80.6 149.8

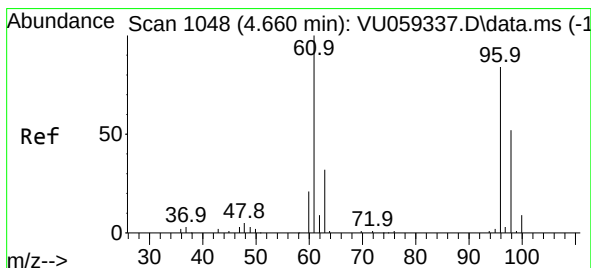
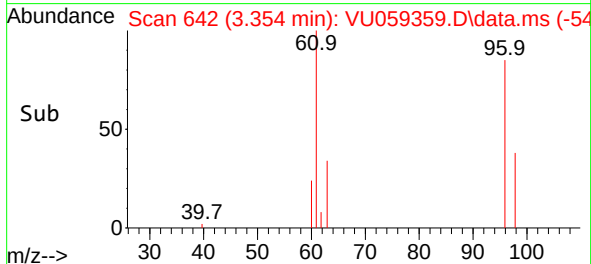
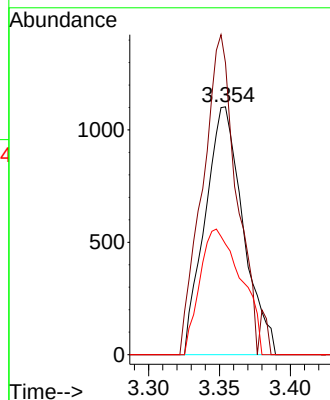
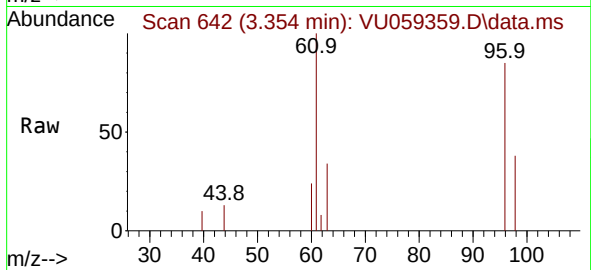




#18
trans-1,2-Dichloroethene
Concen: 0.201 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.006 min
Lab File: VU059359.D
Acq: 19 Jun 2024 17:29

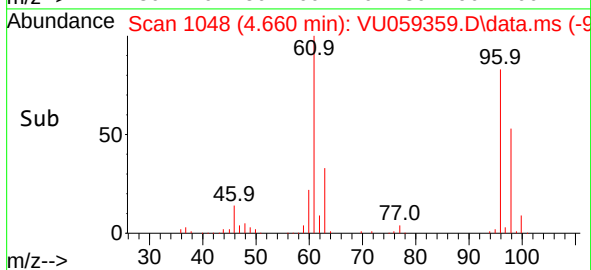
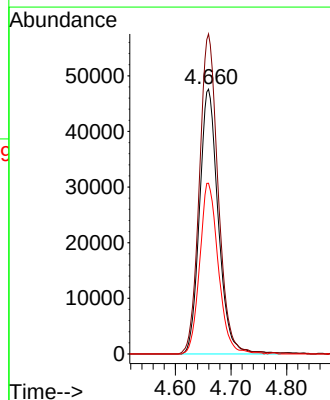
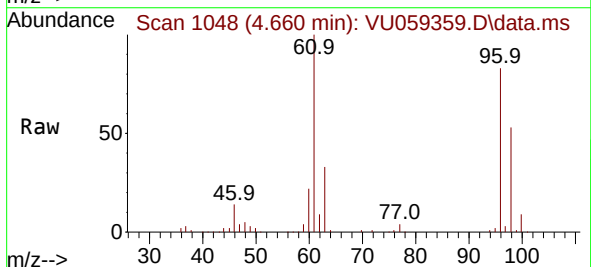
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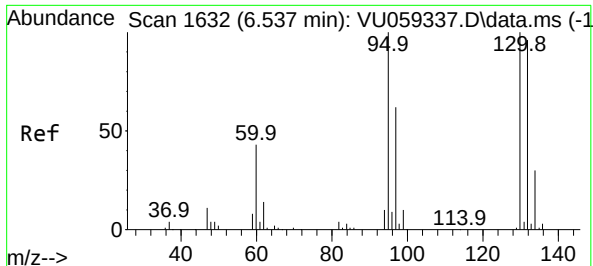
Tgt Ion: 96 Resp: 2059
Ion Ratio Lower Upper
96 100
61 117.8 101.8 189.0
98 44.6 43.3 80.5



#22
cis-1,2-Dichloroethene
Concen: 9.843 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU059359.D
Acq: 19 Jun 2024 17:29

Tgt Ion: 96 Resp: 111341
Ion Ratio Lower Upper
96 100
61 120.8 87.4 162.2
98 64.4 42.3 78.5



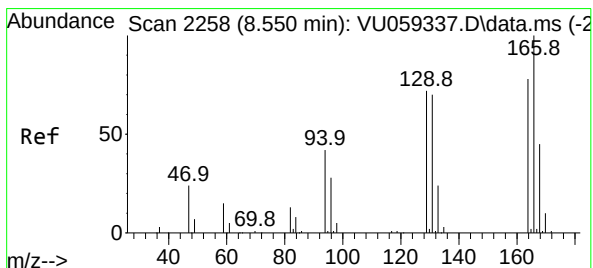
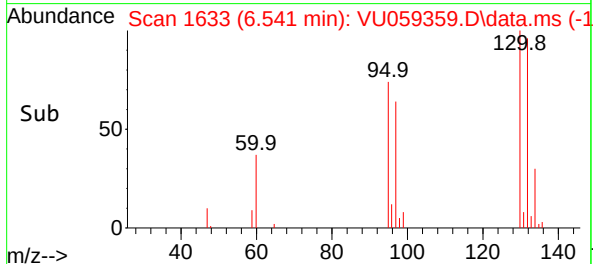
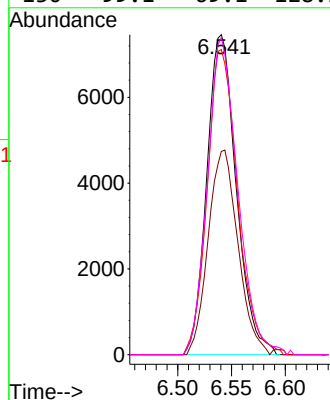
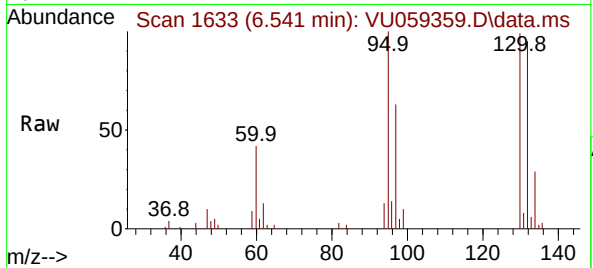


#34
Trichloroethene
Concen: 1.170 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU059359.D
Acq: 19 Jun 2024 17:29

Instrument :
MSVOA_U
ClientSampleId :
BHAS7

Tgt Ion: 95 Resp: 14248

Ion	Ratio	Lower	Upper
95	100		
97	63.5	45.3	84.1
132	95.4	64.0	119.0
130	99.1	69.1	128.3



#47
Tetrachloroethene
Concen: 4.739 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU059359.D
Acq: 19 Jun 2024 17:29

Tgt Ion: 164 Resp: 44774

Ion	Ratio	Lower	Upper
164	100		
129	91.6	70.8	131.4
131	90.4	64.8	120.3
166	128.2	91.1	169.1

