

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040121\
 Data File : VW020852.D
 Acq On : 02 Apr 2021 00:45
 Operator : SY/MD
 Sample : M1845-13
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 02 08:32:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 02 08:30:00 2021
 Response via : Initial Calibration

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

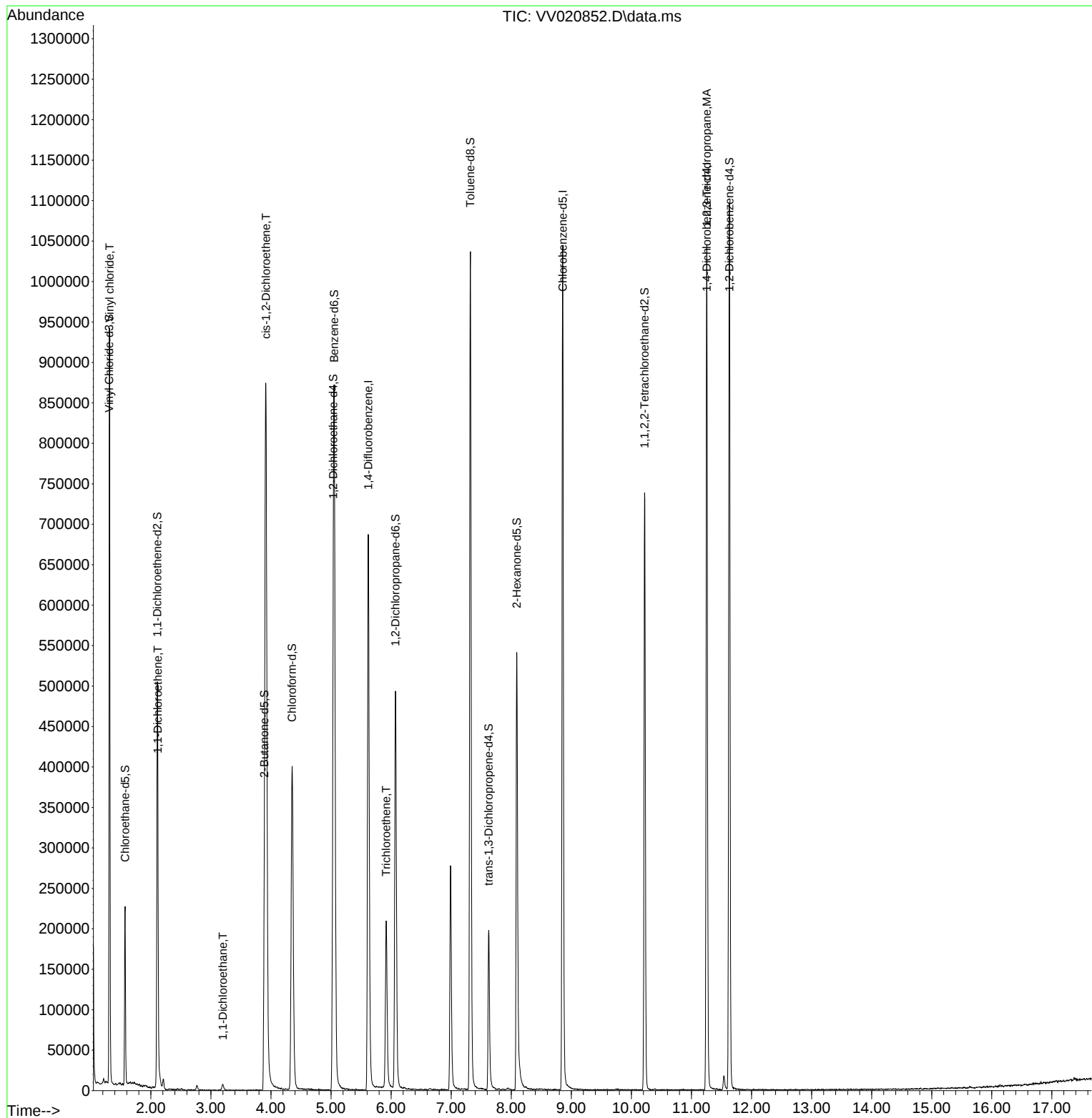
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	595821	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	580577	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	277027	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	149999	35.46	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	70.92%		
7) Chloroethane-d5	1.571	69	133230	41.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.32%		
11) 1,1-Dichloroethene-d2	2.108	63	259466	32.51	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.02%		
21) 2-Butanone-d5	3.889	46	252311	91.68	ug/L	-0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.68%		
24) Chloroform-d	4.352	84	414179	49.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.52%		
26) 1,2-Dichloroethane-d4	5.037	65	280980	50.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.46%		
32) Benzene-d6	5.053	84	742818	48.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.00%		
36) 1,2-Dichloropropane-d6	6.072	67	221547	46.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.26%		
41) Toluene-d8	7.320	98	679466	47.17	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.34%		
43) trans-1,3-Dichloroprop...	7.625	79	116751	46.19	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.38%		
47) 2-Hexanone-d5	8.092	63	186082	93.42	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.42%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	320821	46.36	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.72%		
64) 1,2-Dichlorobenzene-d4	11.632	152	289777	53.90	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.80%		
Target Compounds						Qvalue
5) Vinyl chloride	1.314	62	416865	91.58	ug/L	99
12) 1,1-Dichloroethene	2.118	96	7447	2.14	ug/L #	1
19) 1,1-Dichloroethane	3.198	63	7817	1.06	ug/L #	87
20) cis-1,2-Dichloroethene	3.915	96	453744	106.36	ug/L	93
34) Trichloroethene	5.918	95	66803	15.22	ug/L	98
59) 1,2,3-Trichloropropane	11.252	75	26149	4.77	ug/L	90

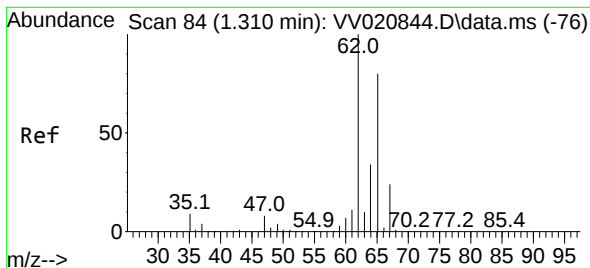
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 02 08:30:00 2021
Response via : Initial Calibration

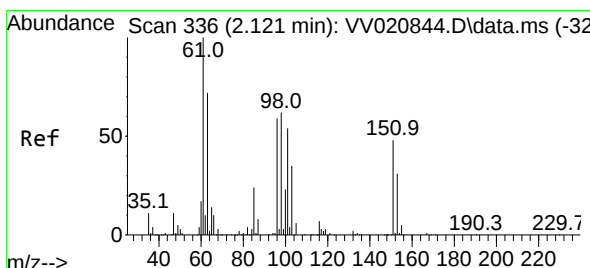
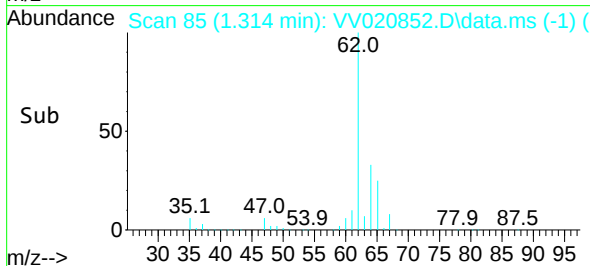
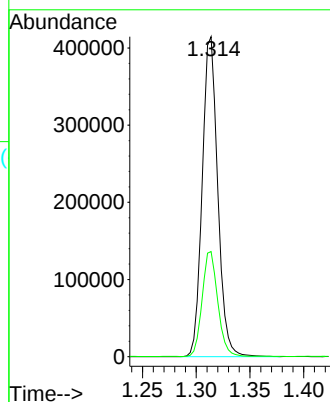
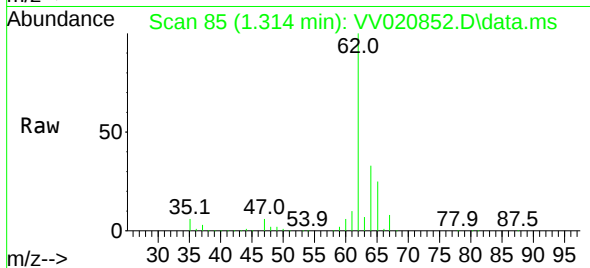




#5
 Vinyl chloride
 Concen: 91.58 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.003 min
 Lab File: VV020852.D
 Acq: 02 Apr 2021 00:45

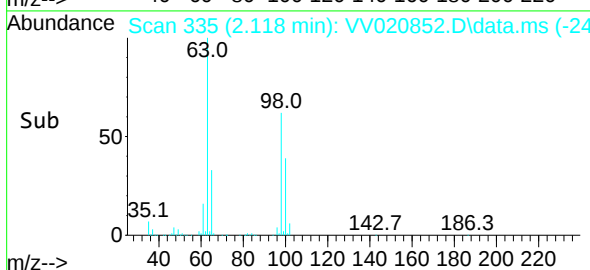
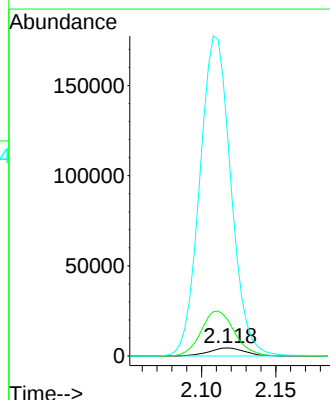
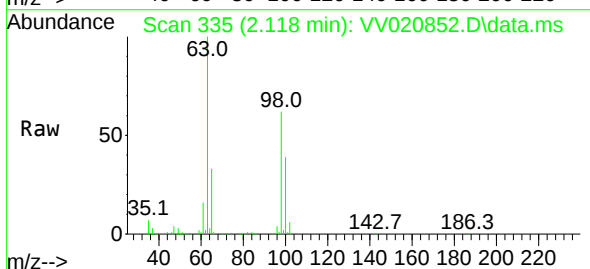
Instrument :
 MSVOA_V
 ClientSampled :

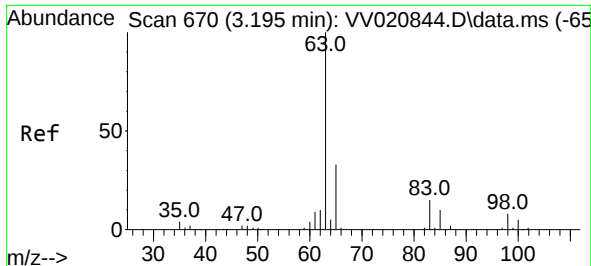
Tgt Ion: 62 Resp: 416865
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.3 43.3



#12
 1,1-Dichloroethene
 Concen: 2.14 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV020852.D
 Acq: 02 Apr 2021 00:45

Tgt Ion: 96 Resp: 7447
 Ion Ratio Lower Upper
 96 100
 61 447.8 126.3 234.6#
 63 2716.2 100.2 186.2#





#19

1,1-Dichloroethane

Concen: 1.06 ug/L

RT: 3.198 min Scan# 671

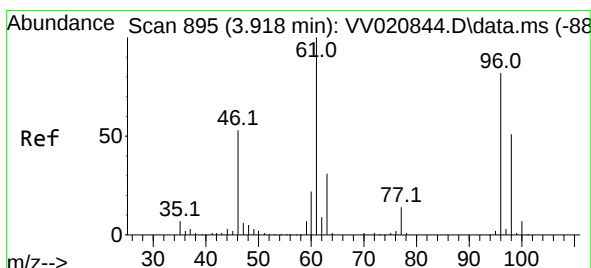
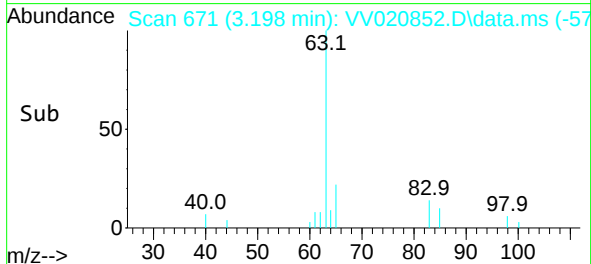
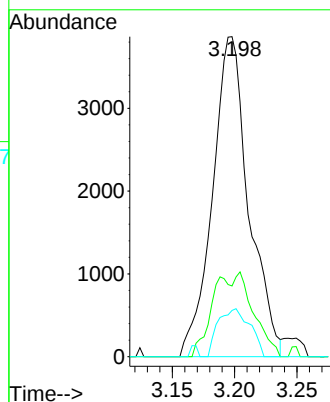
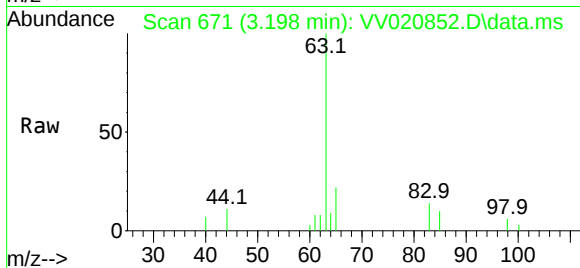
Delta R.T. 0.003 min

Lab File: VV020852.D

Acq: 02 Apr 2021 00:45

Tgt Ion: 63 Resp: 7817

Ion	Ratio	Lower	Upper
63	100		
65	22.1	22.5	41.9#
83	14.5	9.7	17.9



#20

cis-1,2-Dichloroethene

Concen: 106.36 ug/L

RT: 3.915 min Scan# 894

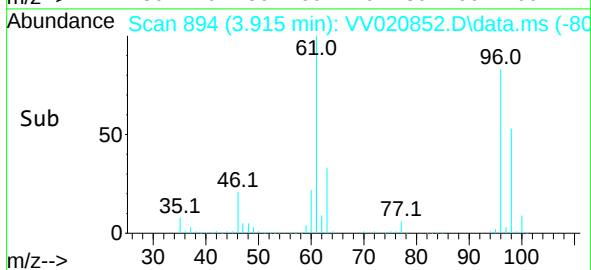
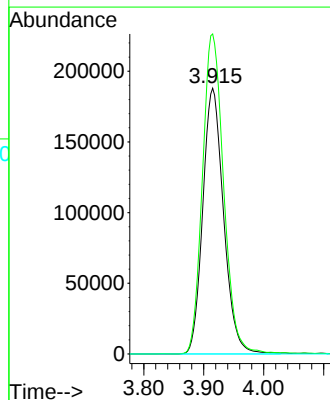
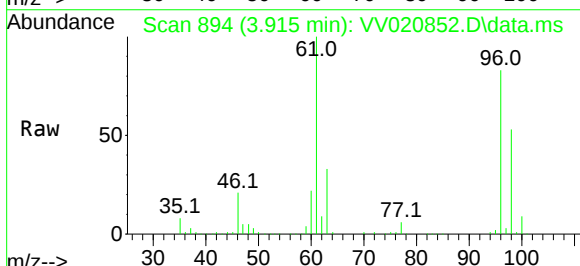
Delta R.T. -0.003 min

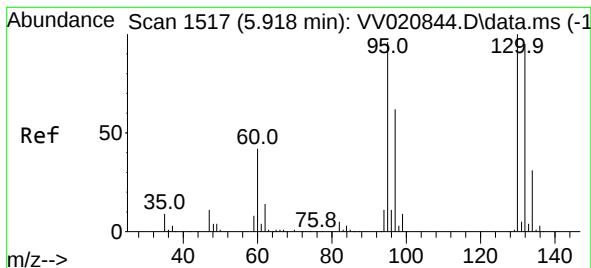
Lab File: VV020852.D

Acq: 02 Apr 2021 00:45

Tgt Ion: 96 Resp: 453744

Ion	Ratio	Lower	Upper
96	100		
61	120.4	89.9	167.0
68	0.0	0.0	0.0



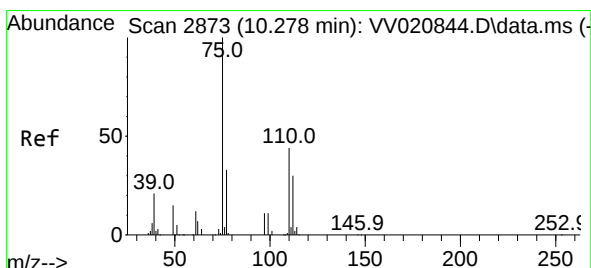
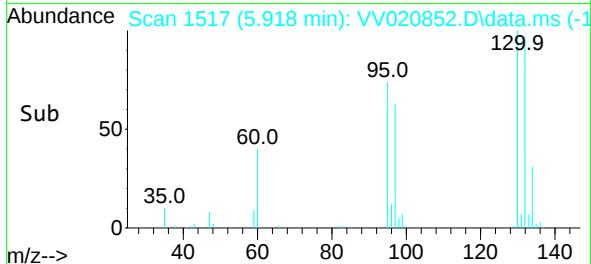
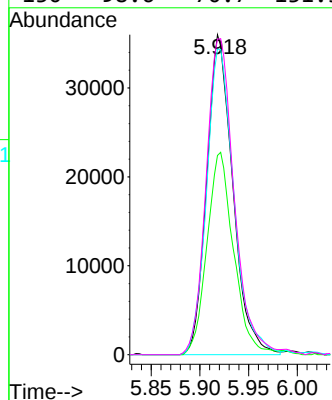
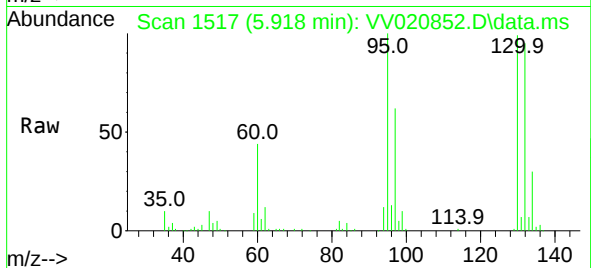


#34
Trichloroethene
Concen: 15.22 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VV020852.D
Acq: 02 Apr 2021 00:45

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 66803

Ion	Ratio	Lower	Upper
95	100		
97	62.2	43.5	80.9
132	95.5	69.5	129.1
130	98.6	70.7	131.3



#59
1,2,3-Trichloropropane
Concen: 4.77 ug/L
RT: 11.252 min Scan# 3176
Delta R.T. 0.974 min
Lab File: VV020852.D
Acq: 02 Apr 2021 00:45

Tgt Ion: 75 Resp: 26149

Ion	Ratio	Lower	Upper
75	100		
77	37.0	25.3	37.9

