

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091824\
 Data File : VV037357.D
 Acq On : 19 Sep 2024 01:31
 Operator : SY/MD
 Sample : P3986-19 50X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 04:01:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 19 02:54:38 2024
 Response via : Initial Calibration

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

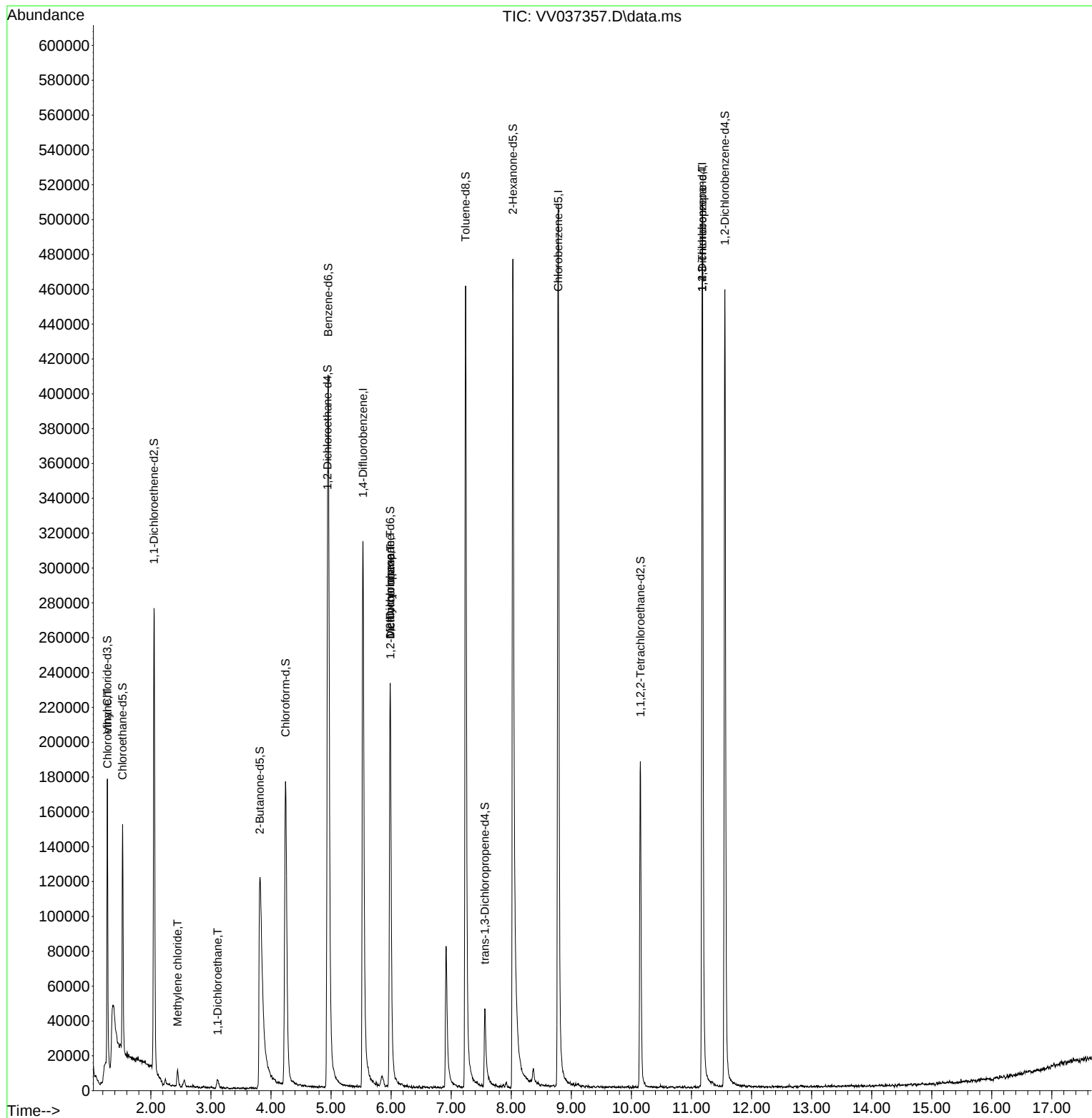
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	298014	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	304361	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	140887	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	102288	5.850	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	117.000%	
7) Chloroethane-d5	1.529	69	85462	4.688	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.800%	
11) 1,1-Dichloroethene-d2	2.053	65	44759	4.957	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	99.200%	
20) 2-Butanone-d5	3.815	46	237790	45.509	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	91.020%	
24) Chloroform-d	4.243	84	197611	4.655	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.200%	
26) 1,2-Dichloroethane-d4	4.940	65	97071	4.884	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.600%	
32) Benzene-d6	4.953	84	391786	4.801	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.000%	
36) 1,2-Dichloropropane-d6	5.985	67	125580	4.948	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.000%	
41) Toluene-d8	7.239	98	338706	4.607	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.200%	
43) trans-1,3-Dichloroprop...	7.561	79	32714	3.919	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.400%	
46) 2-Hexanone-d5	8.027	63	196487	48.176	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.360%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	98643	4.769	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.400%	
66) 1,2-Dichlorobenzene-d4	11.557	152	126768	5.061	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.200%	
Target Compounds						Qvalue
8) Chloroethane	1.278	64	5132	0.294	ug/L	93
16) Methylene chloride	2.442	84	3762	0.157	ug/L	93
19) 1,1-Dichloroethane	3.111	63	5386	0.128	ug/L	93
35) Methylcyclohexane	5.985	83	29687	0.790	ug/L #	20
37) 1,2-Dichloropropane	5.989	63	13511	0.579	ug/L #	89
61) 1,2,3-Trichloropropane	11.181	75	17157	1.338	ug/L #	67

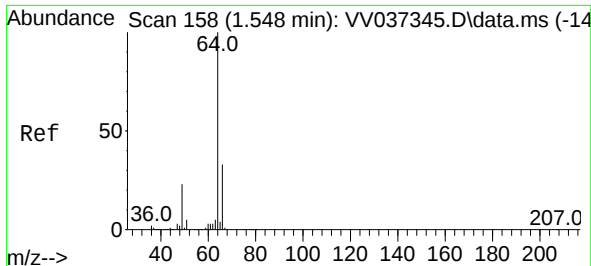
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 19 02:54:38 2024
Response via : Initial Calibration

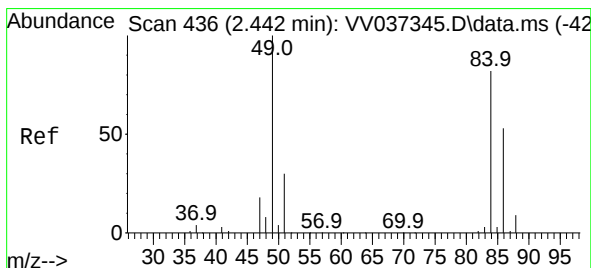
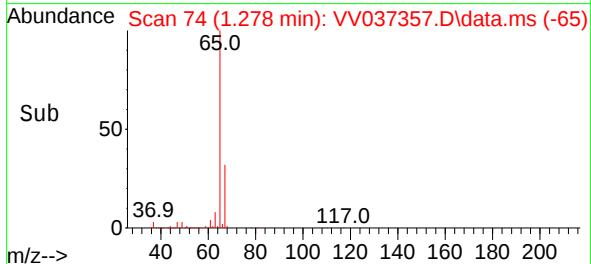
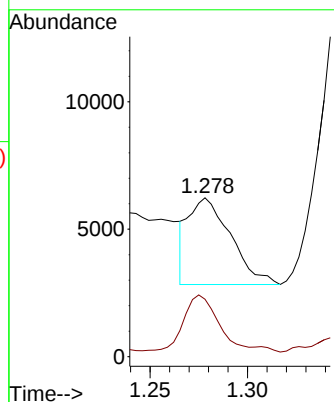
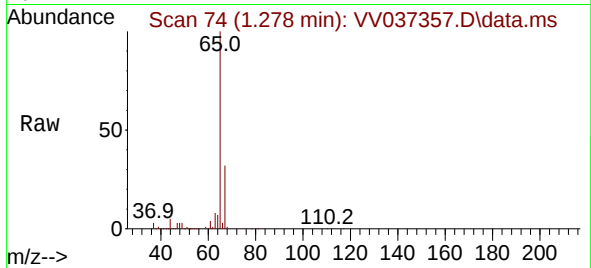




#8
Chloroethane
Concen: 0.294 ug/L
RT: 1.278 min Scan# 74
Delta R.T. -0.270 min
Lab File: VV037357.D
Acq: 19 Sep 2024 01:31

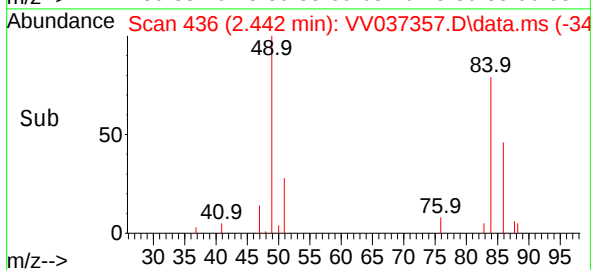
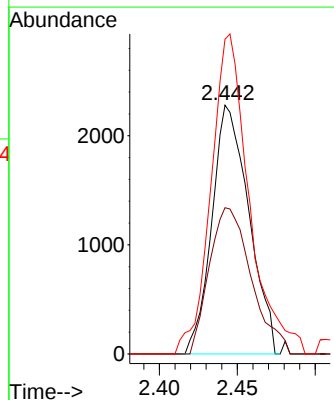
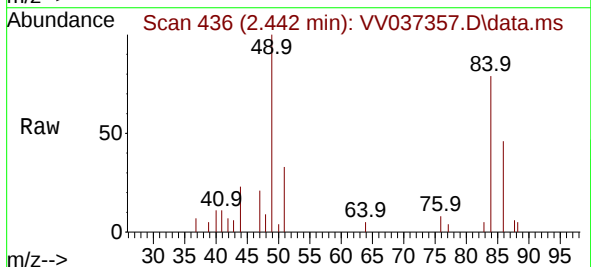
Instrument :
MSVOA_V
ClientSampleId :

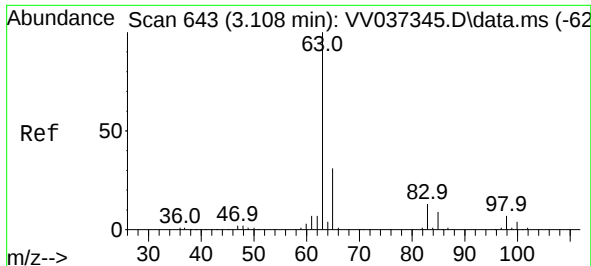
Tgt Ion: 64 Resp: 5132
Ion Ratio Lower Upper
64 100
66 36.1 22.7 42.1



#16
Methylene chloride
Concen: 0.157 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.000 min
Lab File: VV037357.D
Acq: 19 Sep 2024 01:31

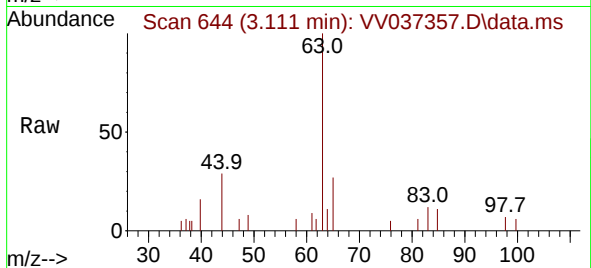
Tgt Ion: 84 Resp: 3762
Ion Ratio Lower Upper
84 100
86 58.8 44.0 81.8
49 126.5 83.0 154.1



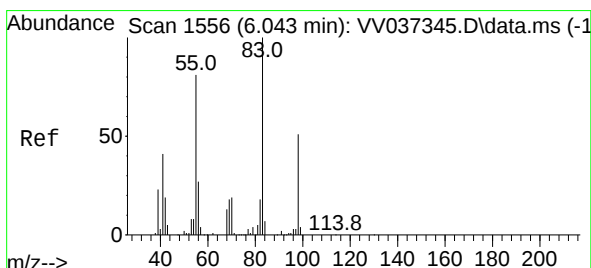
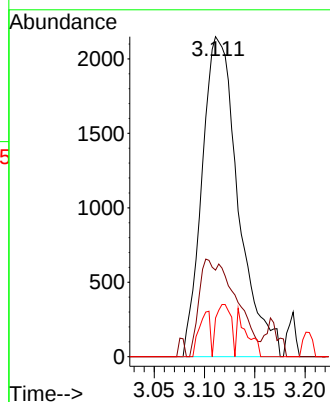
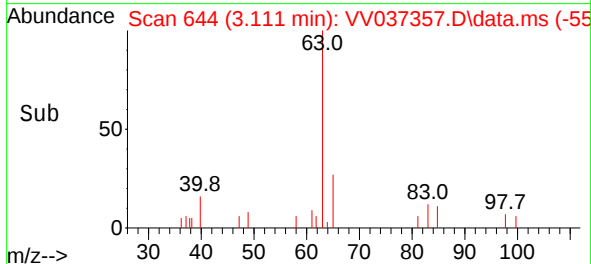


#19
1,1-Dichloroethane
Concen: 0.128 ug/L
RT: 3.111 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV037357.D
Acq: 19 Sep 2024 01:31

Instrument :
MSVOA_V
ClientSampleId :

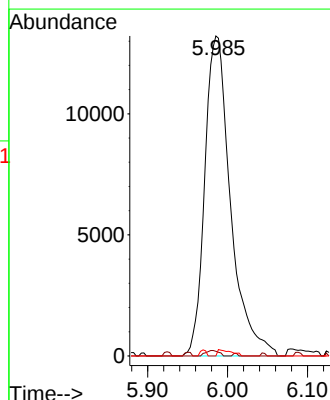
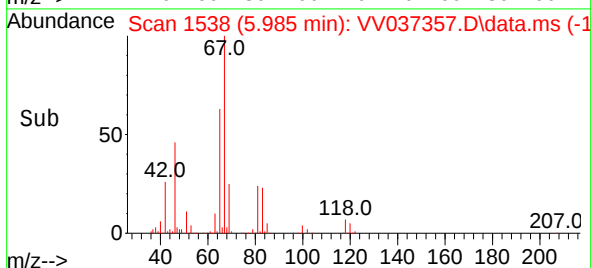
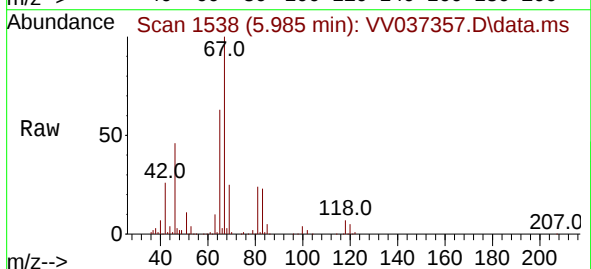


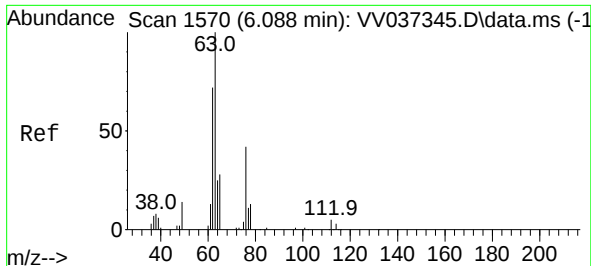
Tgt Ion:	63	Resp:	5386
Ion Ratio	Lower	Upper	
63	100		
65	27.1	22.5	41.7
83	12.1	8.9	16.5



#35
Methylcyclohexane
Concen: 0.790 ug/L
RT: 5.985 min Scan# 1538
Delta R.T. -0.058 min
Lab File: VV037357.D
Acq: 19 Sep 2024 01:31

Tgt Ion:	83	Resp:	29687
Ion Ratio	Lower	Upper	
83	100		
55	0.9	60.3	90.5#
98	1.1	38.2	57.4#

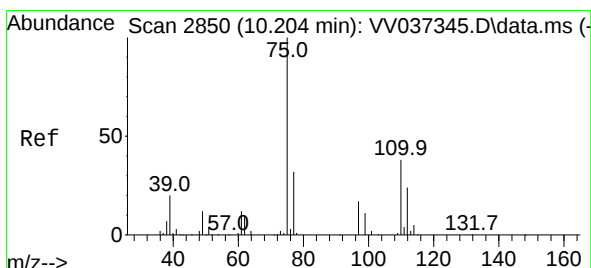
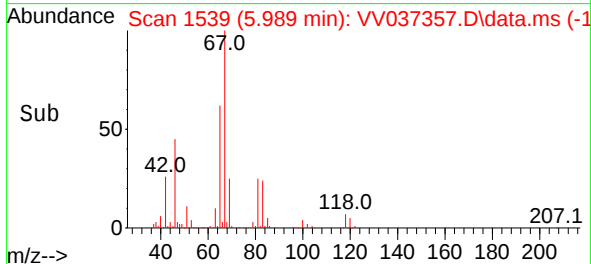
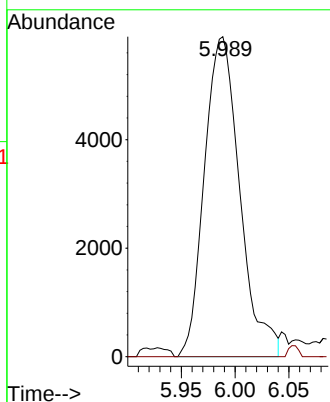
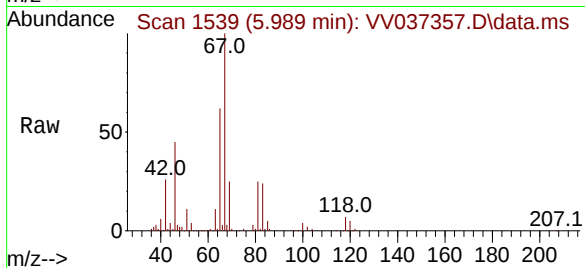




#37
1,2-Dichloropropane
Concen: 0.579 ug/L
RT: 5.989 min Scan# 11
Delta R.T. -0.100 min
Lab File: VV037357.D
Acq: 19 Sep 2024 01:31

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 13511
Ion Ratio Lower Upper
63 100
112 1.0 3.7 5.5#



#61
1,2,3-Trichloropropane
Concen: 1.338 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.977 min
Lab File: VV037357.D
Acq: 19 Sep 2024 01:31

Tgt Ion: 75 Resp: 17157
Ion Ratio Lower Upper
75 100
77 32.4 25.6 38.4
110 2.5 31.0 46.4#

