

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102022\
 Data File : VV028643.D
 Acq On : 20 Oct 2022 18:34
 Operator : SY/MD
 Sample : N5216-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA60

Quant Time: Oct 21 01:13:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 21 00:53:32 2022
 Response via : Initial Calibration

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

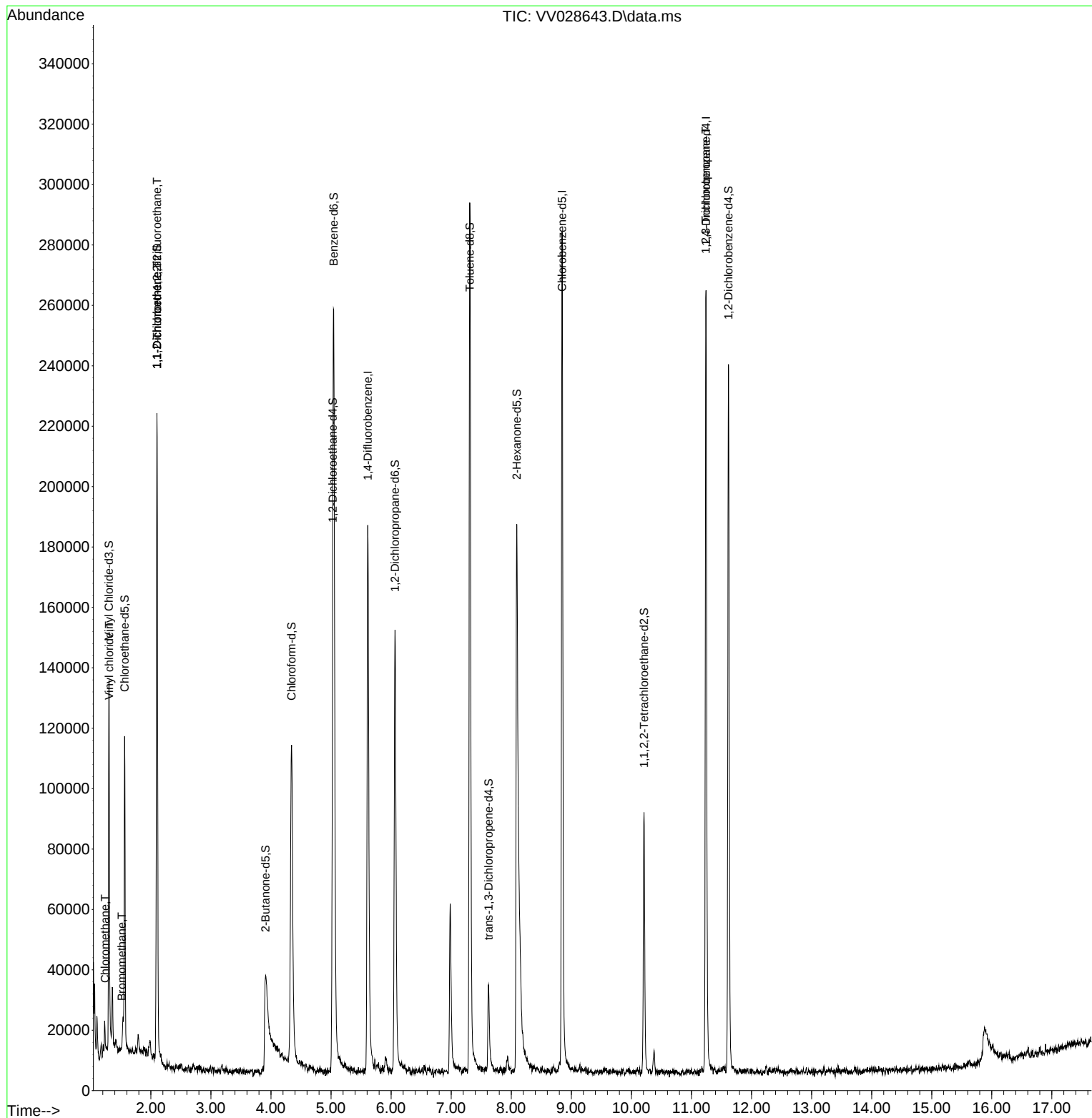
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	152410	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	145642	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	63055	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	82300	5.454	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	109.000%	
7) Chloroethane-d5	1.565	69	69610	5.869	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	117.400%	
11) 1,1-Dichloroethene-d2	2.101	63	118513	4.520	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	90.400%	
20) 2-Butanone-d5	3.908	46	83491	29.398	ug/L	-0.05
Spiked Amount	50.000	Range 40 - 130	Recovery	=	58.800%	
24) Chloroform-d	4.343	84	108277	4.838	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.800%	
26) 1,2-Dichloroethane-d4	5.027	65	52921	4.365	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.400%	
32) Benzene-d6	5.043	84	231006	3.645	ug/L	0.01
Spiked Amount	5.000	Range 70 - 125	Recovery	=	73.000%	
36) 1,2-Dichloropropane-d6	6.063	67	72180	3.633	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	72.600%	
41) Toluene-d8	7.310	98	188344	4.110	ug/L	0.01
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.200%	
43) trans-1,3-Dichloroprop...	7.622	79	18368	3.808	ug/L	0.01
Spiked Amount	5.000	Range 55 - 130	Recovery	=	76.200%	
46) 2-Hexanone-d5	8.092	63	89413	44.644	ug/L	-0.01
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.280%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	42878	4.569	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.400%	
66) 1,2-Dichlorobenzene-d4	11.616	152	57011	5.030	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.600%	
Target Compounds						Qvalue
3) Chloromethane	1.237	50	1049	0.071	ug/L #	71
5) Vinyl chloride	1.307	62	4147	0.290	ug/L #	64
6) Bromomethane	1.516	94	587	0.085	ug/L	82
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	1070	0.102	ug/L #	25
12) 1,1-Dichloroethene	2.101	96	1245	0.127	ug/L #	1
61) 1,2,3-Trichloropropane	11.239	75	9582	1.402	ug/L #	66

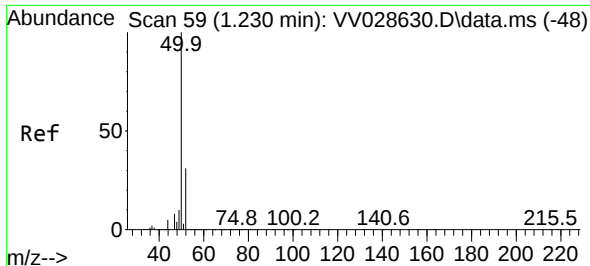
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 21 00:53:32 2022
Response via : Initial Calibration

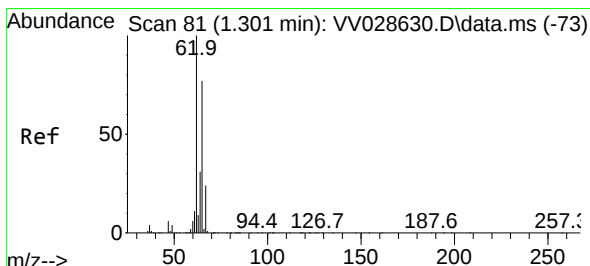
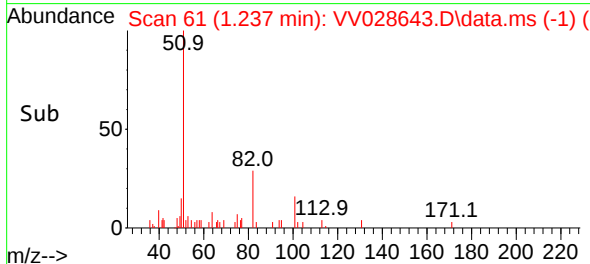
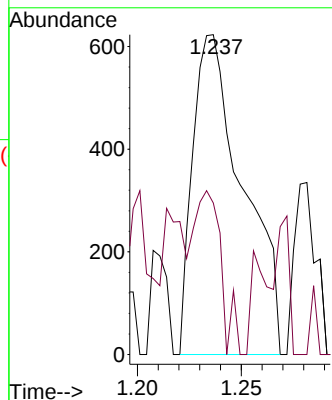
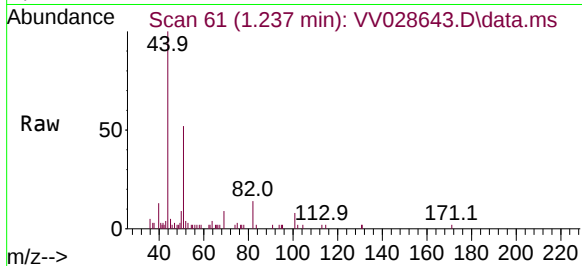




#3
Chloromethane
Concen: 0.071 ug/L
RT: 1.237 min Scan# 61
Delta R.T. 0.007 min
Lab File: VV028643.D
Acq: 20 Oct 2022 18:34

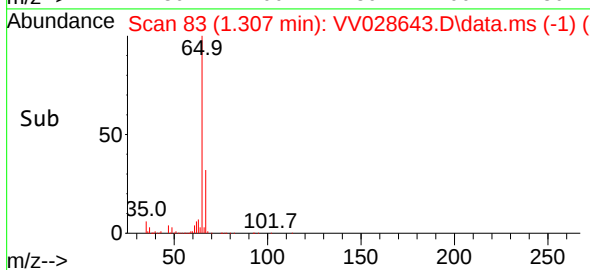
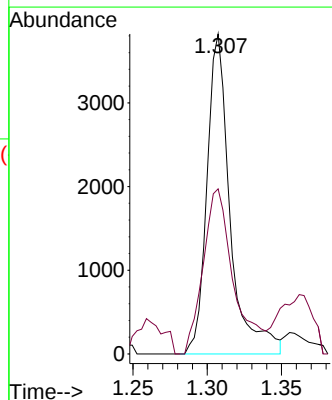
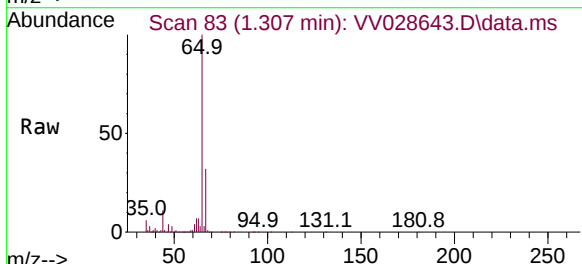
Instrument :
MSVOA_V
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BHA60

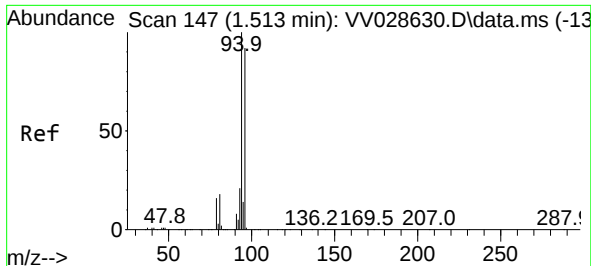
Tgt Ion: 50 Resp: 1049
Ion Ratio Lower Upper
50 100
52 47.4 21.8 40.6#



#5
Vinyl chloride
Concen: 0.290 ug/L
RT: 1.307 min Scan# 83
Delta R.T. 0.007 min
Lab File: VV028643.D
Acq: 20 Oct 2022 18:34

Tgt Ion: 62 Resp: 4147
Ion Ratio Lower Upper
62 100
64 51.6 22.0 41.0#

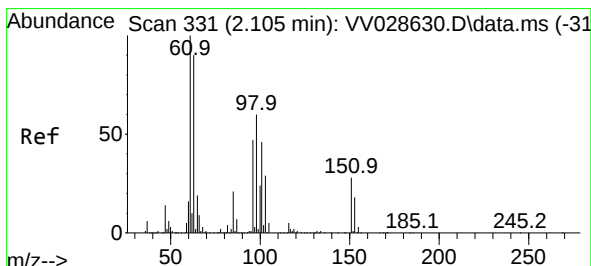
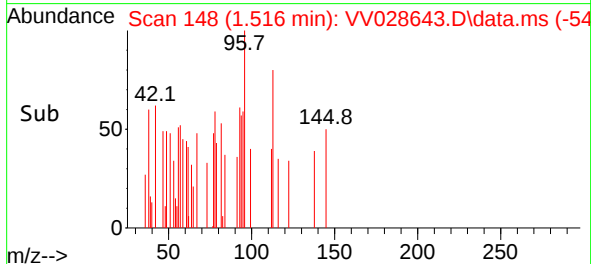
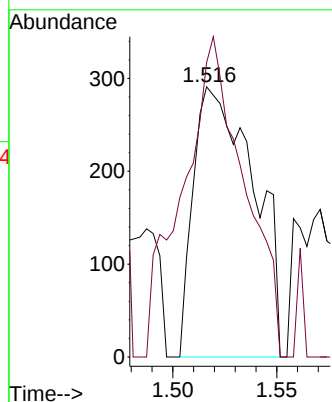
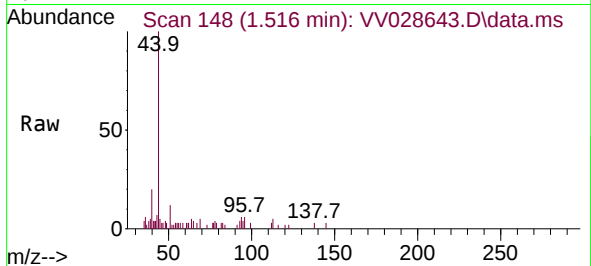




#6
Bromomethane
Concen: 0.085 ug/L
RT: 1.516 min Scan# 147
Delta R.T. 0.003 min
Lab File: VV028643.D
Acq: 20 Oct 2022 18:34

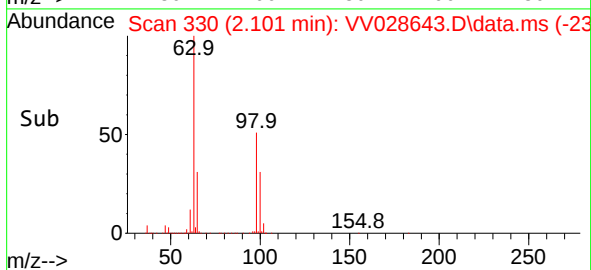
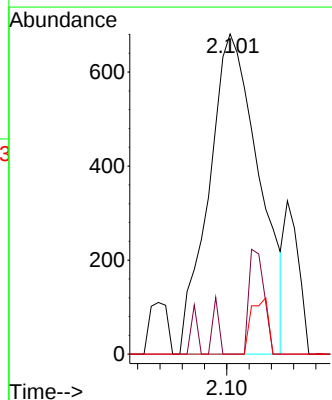
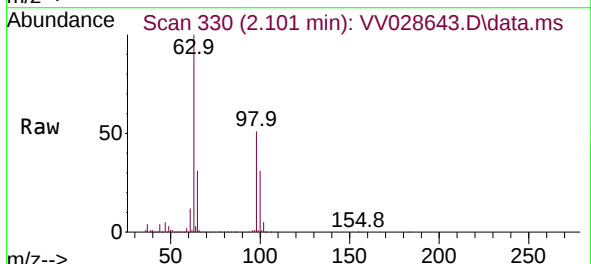
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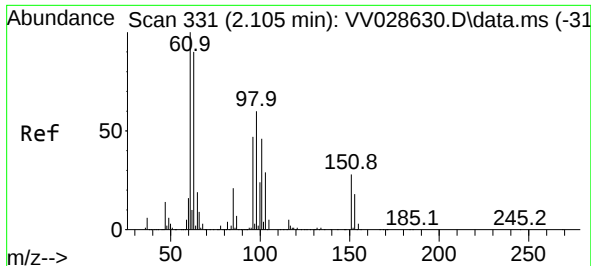
Tgt Ion: 94 Resp: 587
Ion Ratio Lower Upper
94 100
96 108.9 64.3 119.3



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.102 ug/L
RT: 2.101 min Scan# 330
Delta R.T. -0.003 min
Lab File: VV028643.D
Acq: 20 Oct 2022 18:34

Tgt Ion: 101 Resp: 1070
Ion Ratio Lower Upper
101 100
85 2.1 37.0 55.6#
151 0.0 50.2 75.2#

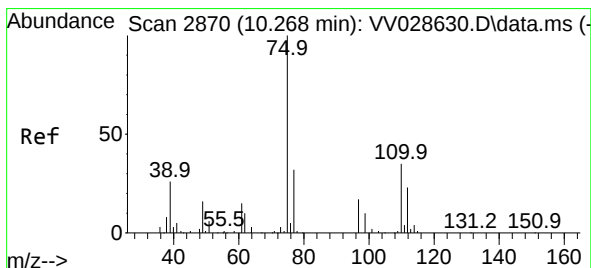
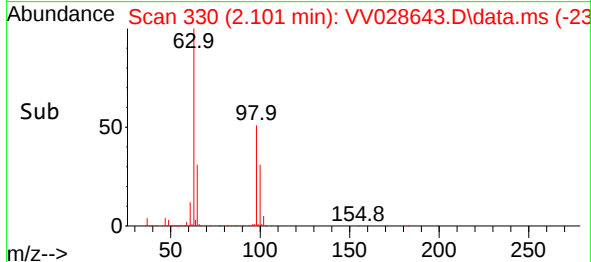
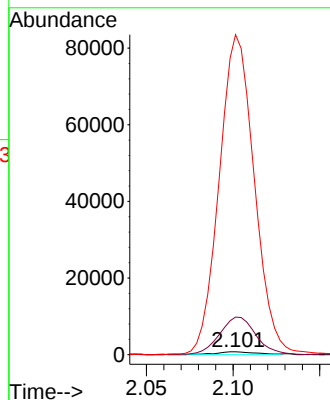
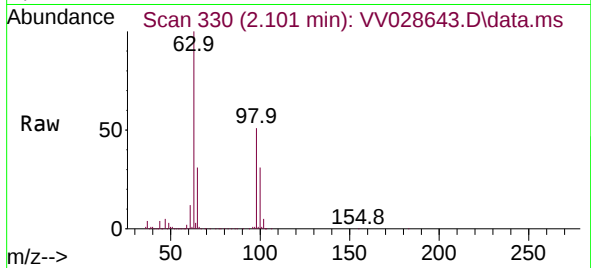




#12
1,1-Dichloroethene
Concen: 0.127 ug/L
RT: 2.101 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV028643.D
Acq: 20 Oct 2022 18:34

Instrument :
MSVOA_V
ClientSampleId :
BHA60

Tgt Ion: 96 Resp: 1245
Ion Ratio Lower Upper
96 100
61 1284.0 148.1 275.1#
63 10929.8 133.3 247.7#



#61
1,2,3-Trichloropropane
Concen: 1.402 ug/L
RT: 11.239 min Scan# 3172
Delta R.T. 0.971 min
Lab File: VV028643.D
Acq: 20 Oct 2022 18:34

Tgt Ion: 75 Resp: 9582
Ion Ratio Lower Upper
75 100
77 37.2 25.2 37.8
110 3.0 27.9 41.9#

