

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
 Data File : VU046218.D
 Acq On : 09 Dec 2021 14:24
 Operator : SY/MD
 Sample : M4982-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 10 03:44:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

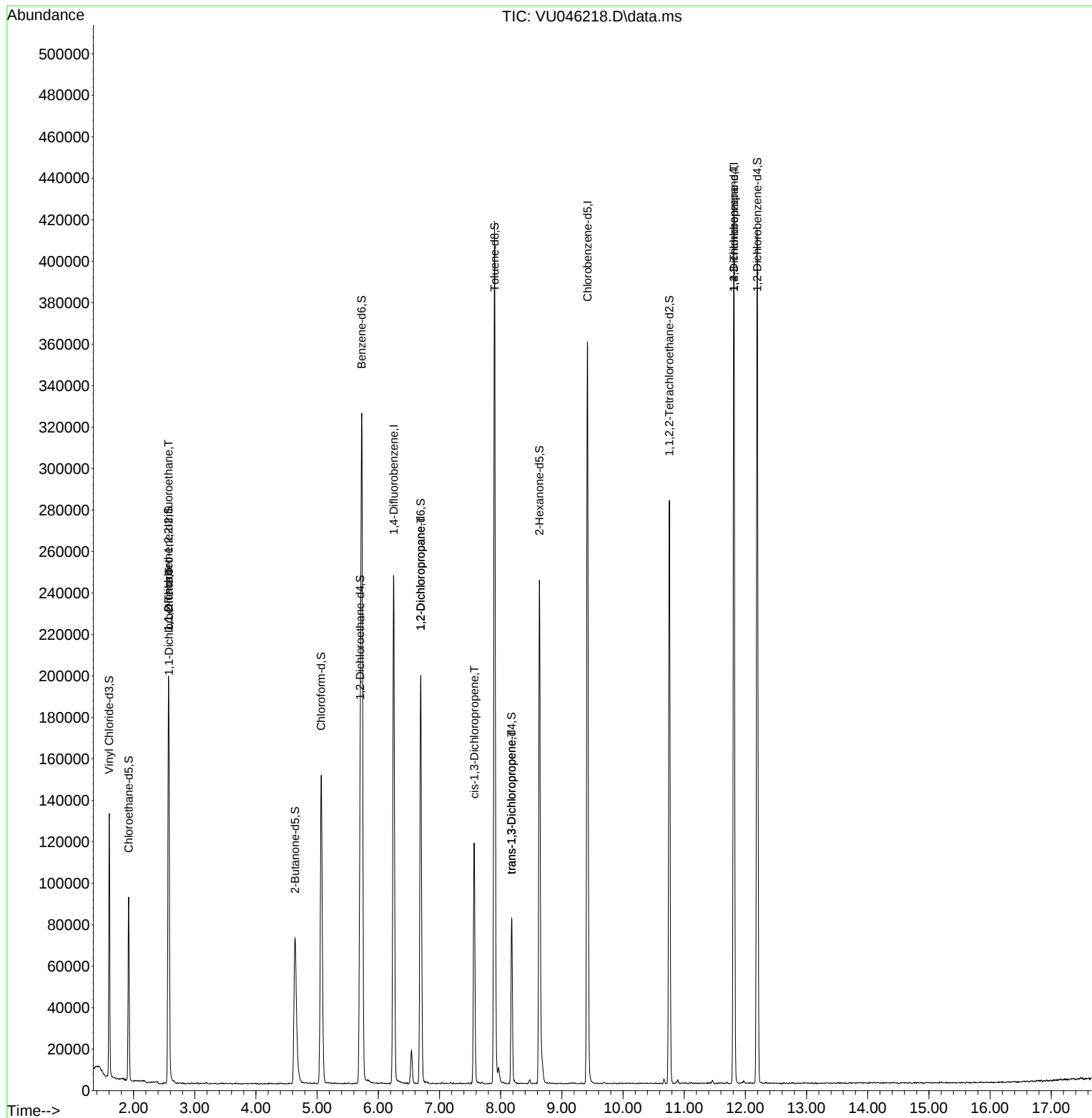
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	204749	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	211513	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	111152	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	87740	52.021	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.040%
7) Chloroethane-d5	1.919	69	64035	49.449	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.900%
11) 1,1-Dichloroethene-d2	2.572	63	116900	38.609	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.220%
21) 2-Butanone-d5	4.639	46	129136	96.314	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.310%
24) Chloroform-d	5.067	84	139044	49.367	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.740%
26) 1,2-Dichloroethane-d4	5.703	65	95333	50.435	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.860%
32) Benzene-d6	5.729	84	312257	51.508	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.020%
36) 1,2-Dichloropropane-d6	6.694	67	94171	50.122	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.240%
41) Toluene-d8	7.899	98	281259	50.955	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.920%
43) trans-1,3-Dichloroprop...	8.179	79	46473	51.240	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.480%
47) 2-Hexanone-d5	8.632	63	90149	101.198	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.200%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	138940	48.763	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.520%
66) 1,2-Dichlorobenzene-d4	12.195	152	109670	51.234	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.460%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	1072	0.720	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	1092	0.771	ug/L #	1
37) 1,2-Dichloropropane	6.694	63	10379	6.189	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2829	1.109	ug/L #	48
44) trans-1,3-Dichloropropene	8.179	75	1898	0.757	ug/L #	79
60) 1,2,3-Trichloropropane	11.812	75	13077	5.367	ug/L #	66

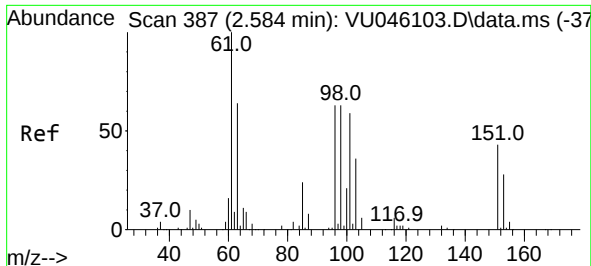
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
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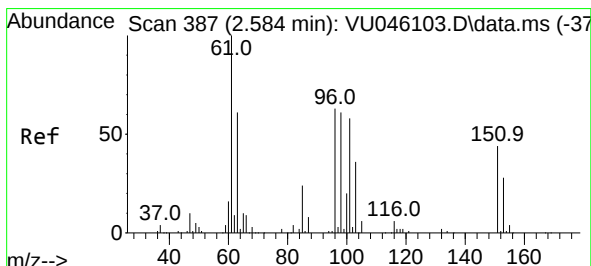
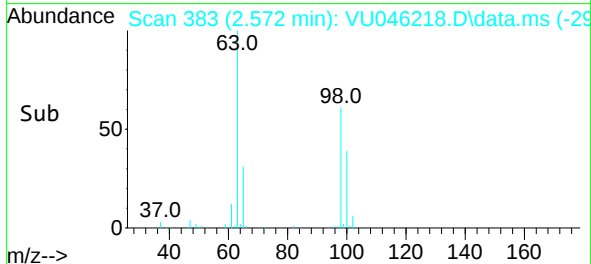
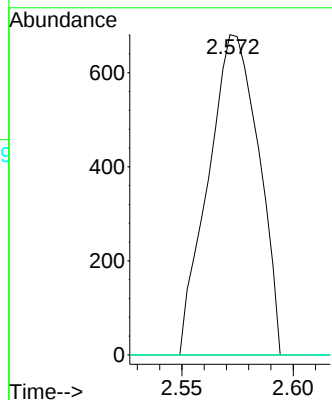
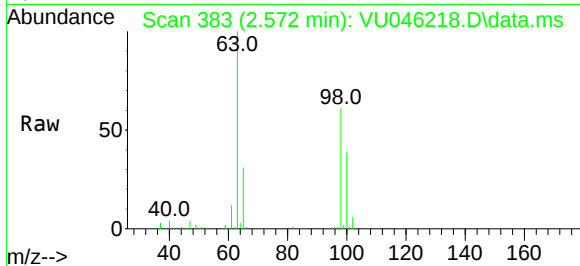




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.720 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU046218.D
 Acq: 09 Dec 2021 14:24

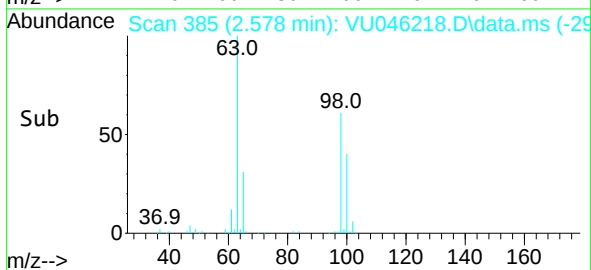
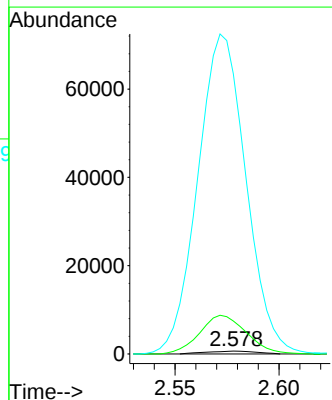
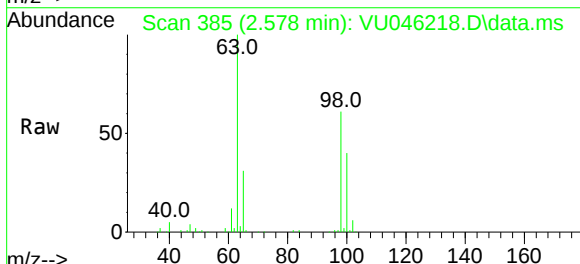
Instrument :
 MSVOA_U
 ClientSampleId :

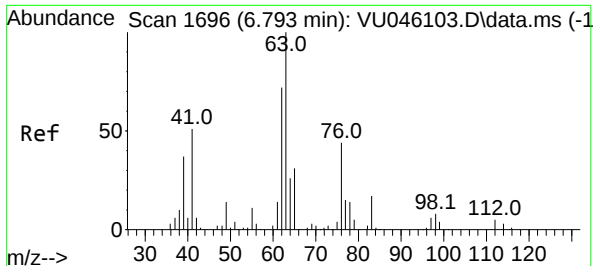
Tgt Ion:101 Resp: 1072
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.771 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.006 min
 Lab File: VU046218.D
 Acq: 09 Dec 2021 14:24

Tgt Ion: 96 Resp: 1092
 Ion Ratio Lower Upper
 96 100
 61 1154.8 118.6 220.2#
 63 9793.8 93.0 172.8#





#37

1,2-Dichloropropane

Concen: 6.189 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046218.D

Acq: 09 Dec 2021 14:24

Instrument :

MSVOA_U

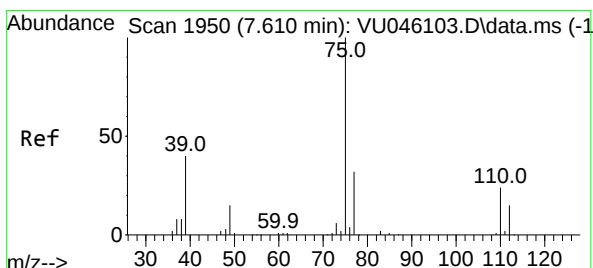
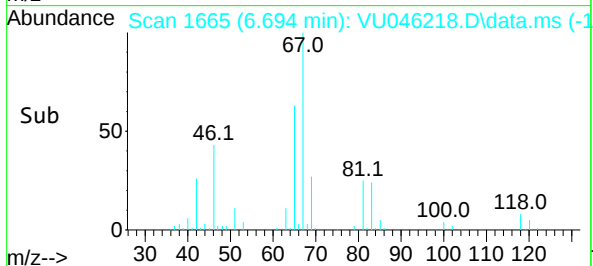
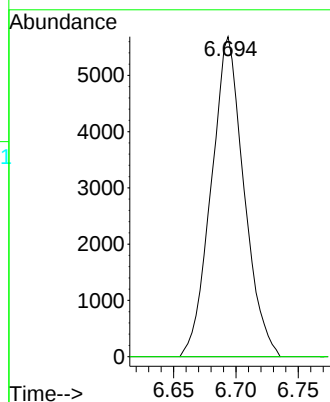
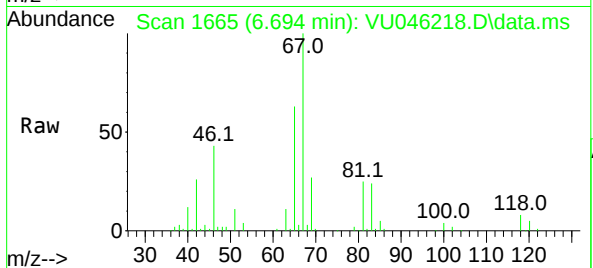
ClientSampleId :

Tgt Ion: 63 Resp: 10379

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 1.109 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046218.D

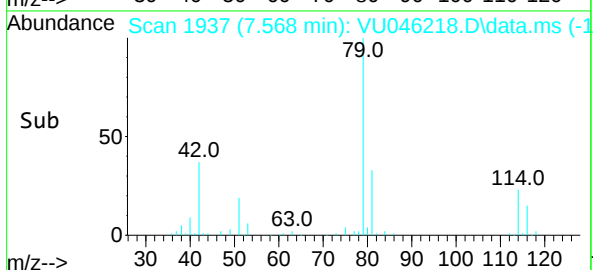
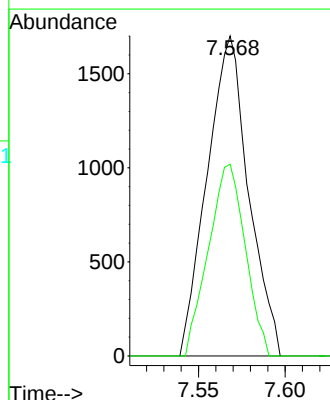
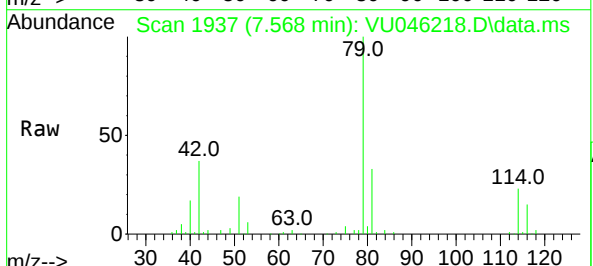
Acq: 09 Dec 2021 14:24

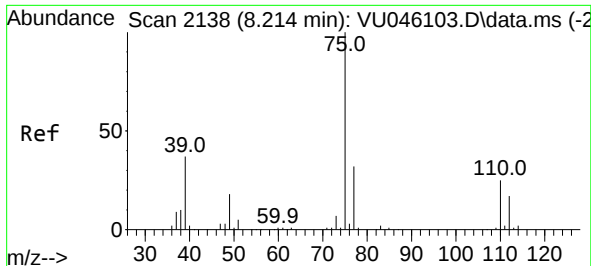
Tgt Ion: 75 Resp: 2829

Ion Ratio Lower Upper

75 100

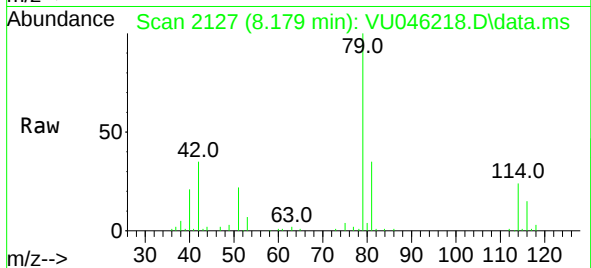
77 59.9 21.8 40.6#



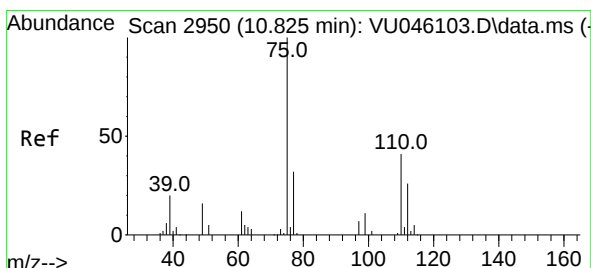
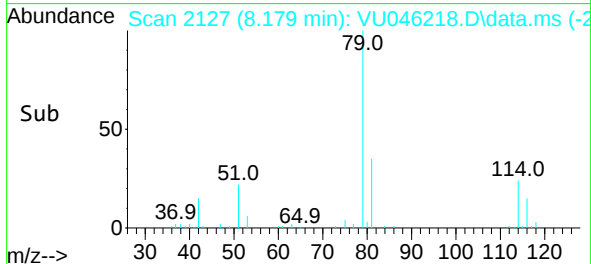
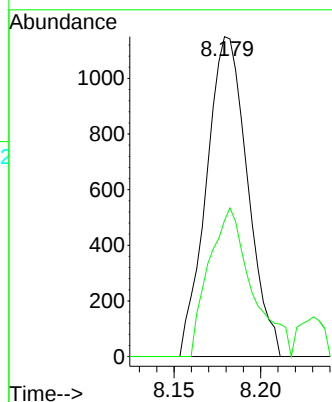


#44
trans-1,3-Dichloropropene
Concen: 0.757 ug/L
RT: 8.179 min Scan# 2138
Delta R.T. -0.035 min
Lab File: VU046218.D
Acq: 09 Dec 2021 14:24

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 1898
Ion Ratio Lower Upper
75 100
77 42.5 21.7 40.3#



#60
1,2,3-Trichloropropane
Concen: 5.367 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046218.D
Acq: 09 Dec 2021 14:24

Tgt Ion: 75 Resp: 13077
Ion Ratio Lower Upper
75 100
77 33.0 26.4 39.6
110 2.3 32.4 48.6#

