

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
 Data File : VU051054.D
 Acq On : 30 Sep 2022 23:33
 Operator : JC/MD
 Sample : N4869-01DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 01 04:30:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 01 03:04:59 2022
 Response via : Initial Calibration

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

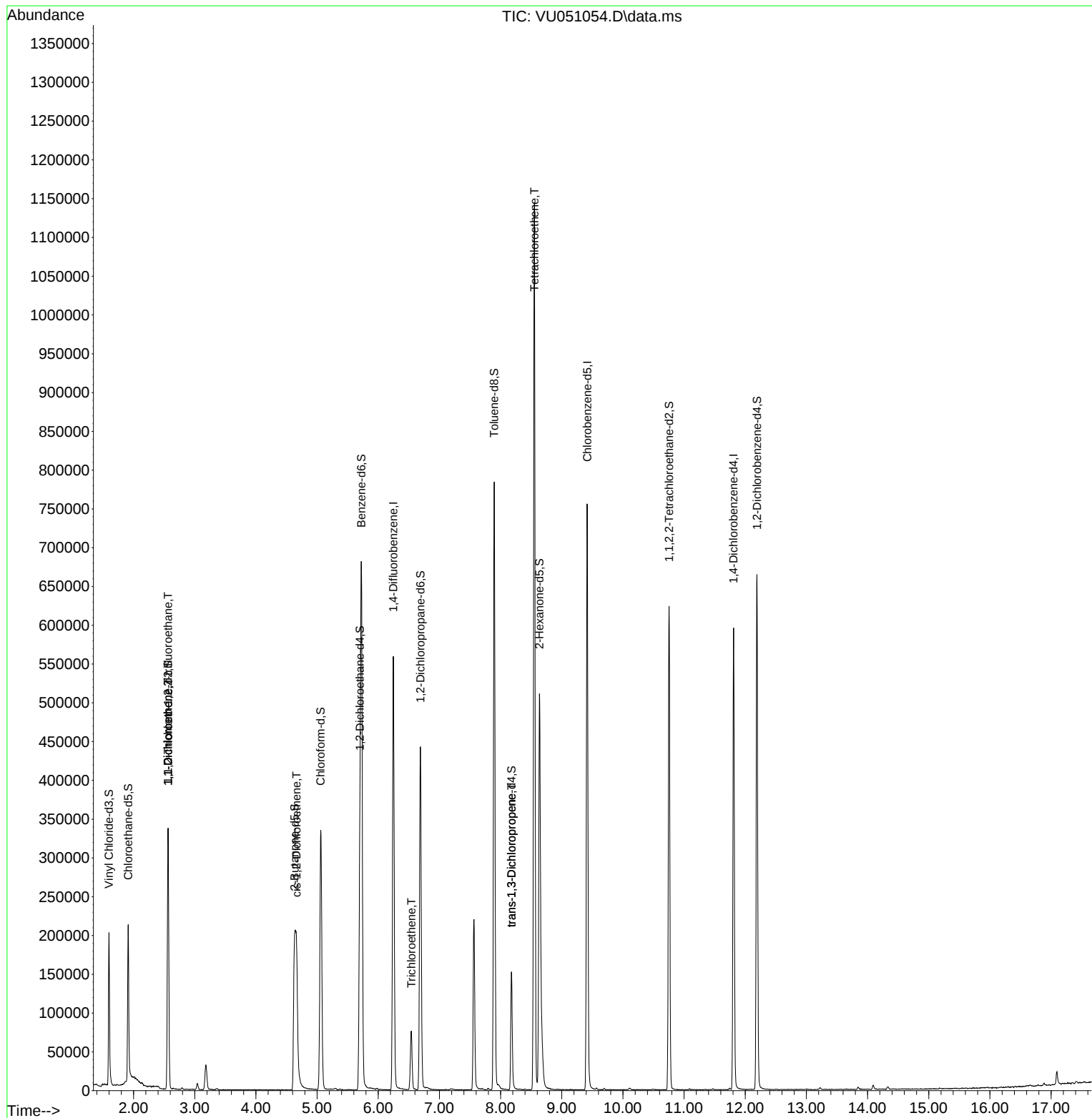
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	440030	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	421015	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	157239	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	150825	33.821	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.640%
7) Chloroethane-d5	1.912	69	146669	35.406	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.820%
11) 1,1-Dichloroethene-d2	2.562	63	199945	30.353	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.700%
21) 2-Butanone-d5	4.633	46	306695	106.037	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.040%
24) Chloroform-d	5.060	84	314059	43.712	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.420%
26) 1,2-Dichloroethane-d4	5.700	65	206843	46.512	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.020%
32) Benzene-d6	5.726	84	627391	50.888	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.780%
36) 1,2-Dichloropropane-d6	6.690	67	216639	54.151	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.300%
41) Toluene-d8	7.896	98	522228	45.846	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.700%
43) trans-1,3-Dichloroprop...	8.179	79	88391	46.322	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.640%
47) 2-Hexanone-d5	8.636	63	163329	101.108	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.110%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	319636	45.716	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.440%
66) 1,2-Dichlorobenzene-d4	12.192	152	171142	50.949	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.900%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	2257	0.672	ug/L #	24
12) 1,1-Dichloroethene	2.562	96	1741	0.555	ug/L #	1
20) cis-1,2-Dichloroethene	4.665	96	63432	17.018	ug/L	91
34) Trichloroethene	6.542	95	23043	6.931	ug/L	93
44) trans-1,3-Dichloropropene	8.179	75	3588	0.725	ug/L	94
46) Tetrachloroethene	8.552	164	242351	96.194	ug/L	99

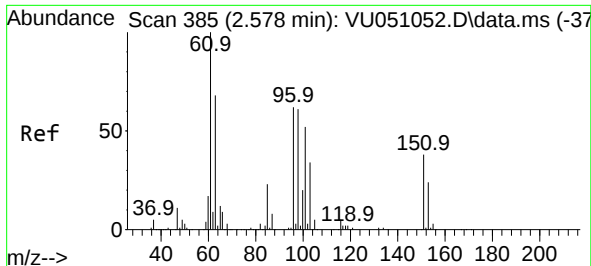
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Oct 01 03:04:59 2022
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.672 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.013 min

Lab File: VU051054.D

Acq: 30 Sep 2022 23:33

Instrument :

MSVOA_U

ClientSampleId :

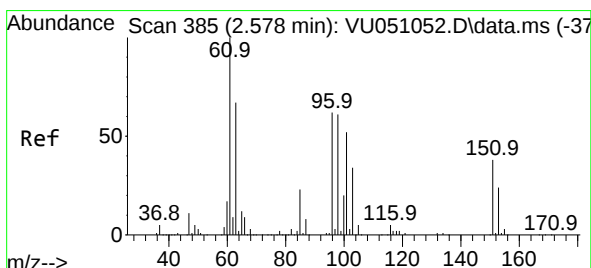
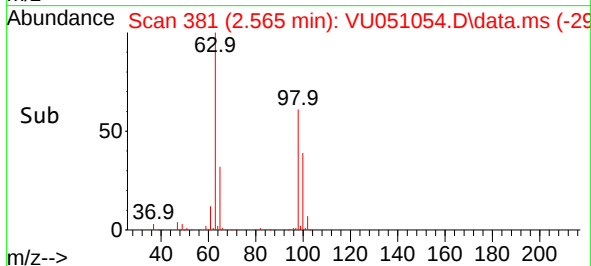
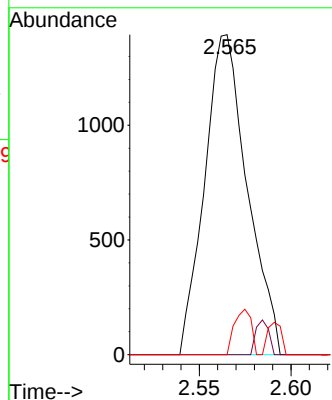
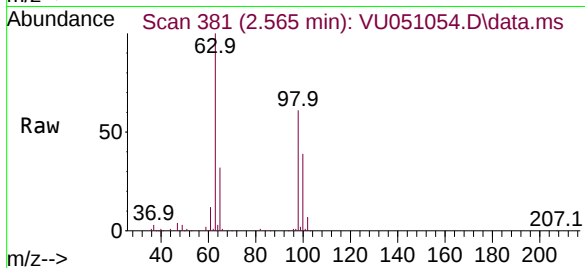
Tgt Ion:101 Resp: 2257

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

151 5.6 58.6 87.8#



#12

1,1-Dichloroethene

Concen: 0.555 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.016 min

Lab File: VU051054.D

Acq: 30 Sep 2022 23:33

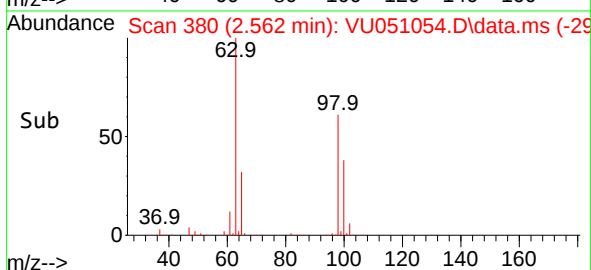
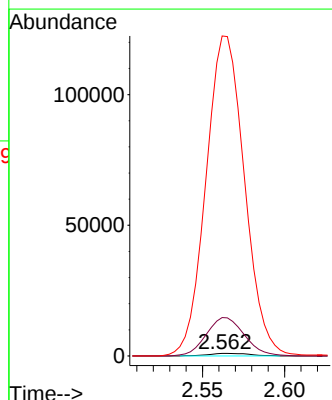
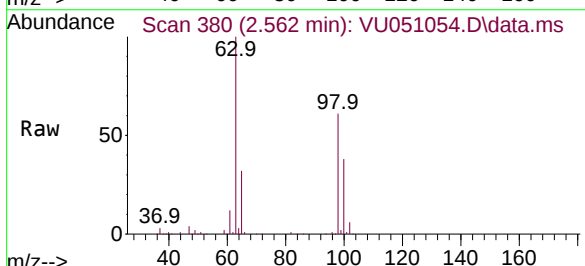
Tgt Ion: 96 Resp: 1741

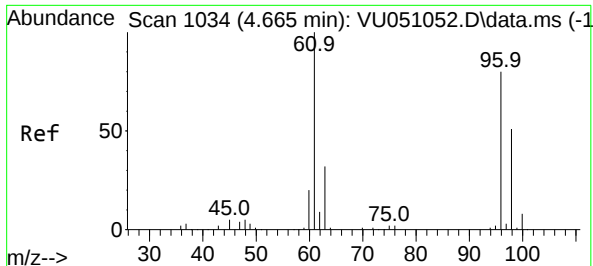
Ion Ratio Lower Upper

96 100

61 1518.9 113.0 209.9#

63 12674.9 91.7 170.3#

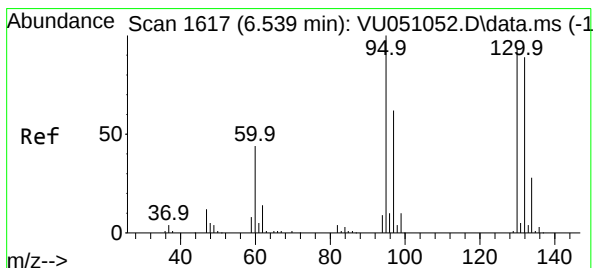
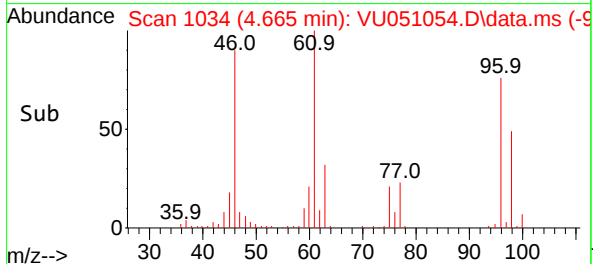
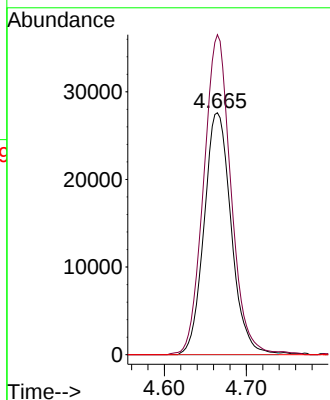
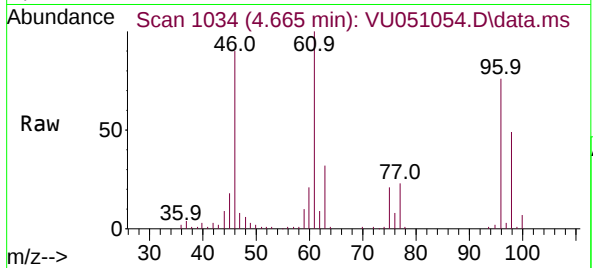




#20
 cis-1,2-Dichloroethene
 Concen: 17.018 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU051054.D
 Acq: 30 Sep 2022 23:33

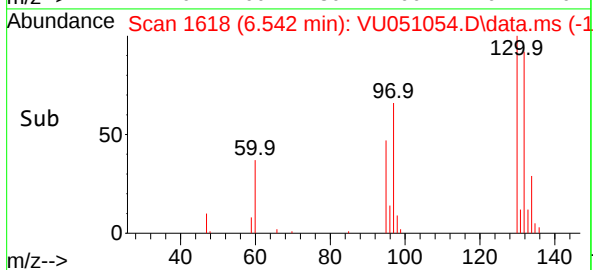
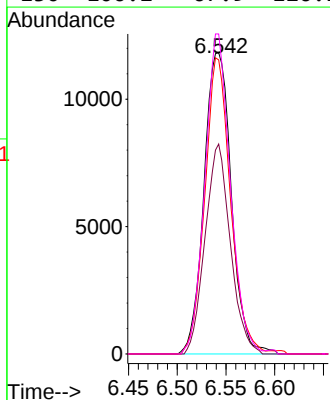
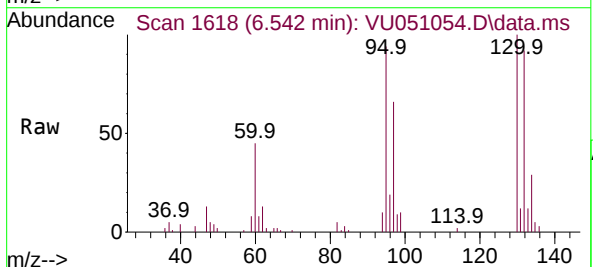
Instrument :
 MSVOA_U
 ClientSampleId :

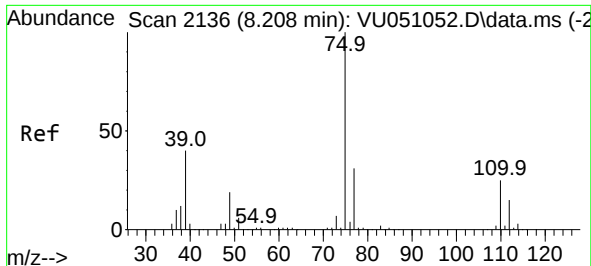
Tgt Ion: 96 Resp: 63432
 Ion Ratio Lower Upper
 96 100
 61 132.2 85.4 158.6
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 6.931 ug/L
 RT: 6.542 min Scan# 1618
 Delta R.T. 0.003 min
 Lab File: VU051054.D
 Acq: 30 Sep 2022 23:33

Tgt Ion: 95 Resp: 23043
 Ion Ratio Lower Upper
 95 100
 97 69.7 45.9 85.3
 132 97.6 64.0 119.0
 130 106.2 67.9 126.1

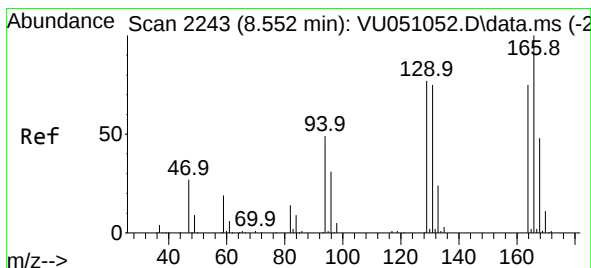
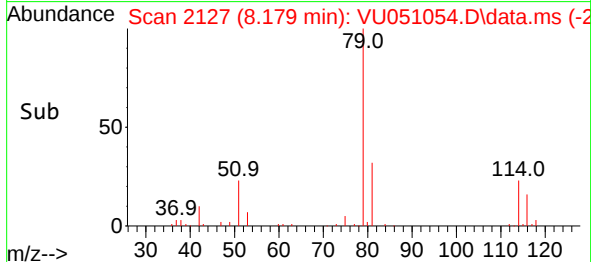
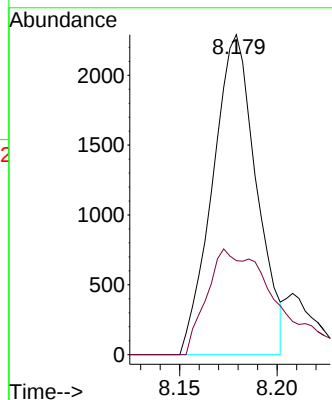
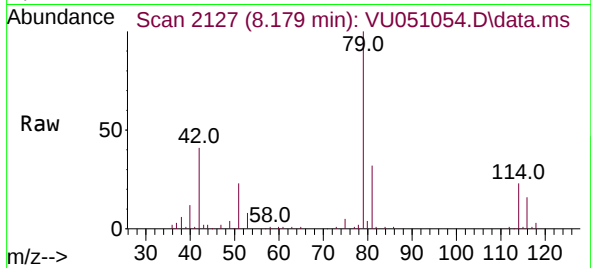




#44
trans-1,3-Dichloropropene
Concen: 0.725 ug/L
RT: 8.179 min Scan# 2136
Delta R.T. -0.029 min
Lab File: VU051054.D
Acq: 30 Sep 2022 23:33

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 3588
Ion Ratio Lower Upper
75 100
77 29.4 22.7 42.3



#46
Tetrachloroethene
Concen: 96.194 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051054.D
Acq: 30 Sep 2022 23:33

Tgt Ion:164 Resp: 242351
Ion Ratio Lower Upper
164 100
129 100.0 68.1 126.5
131 94.8 67.8 126.0
166 129.3 90.5 168.1

