

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121123\
 Data File : VX039151.D
 Acq On : 11 Dec 2023 18:03
 Operator : JC/MD
 Sample : 05752-05 100X
 Misc : 4.14g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AW6

Quant Time: Dec 12 03:56:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 12 03:50:51 2023
 Response via : Initial Calibration

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

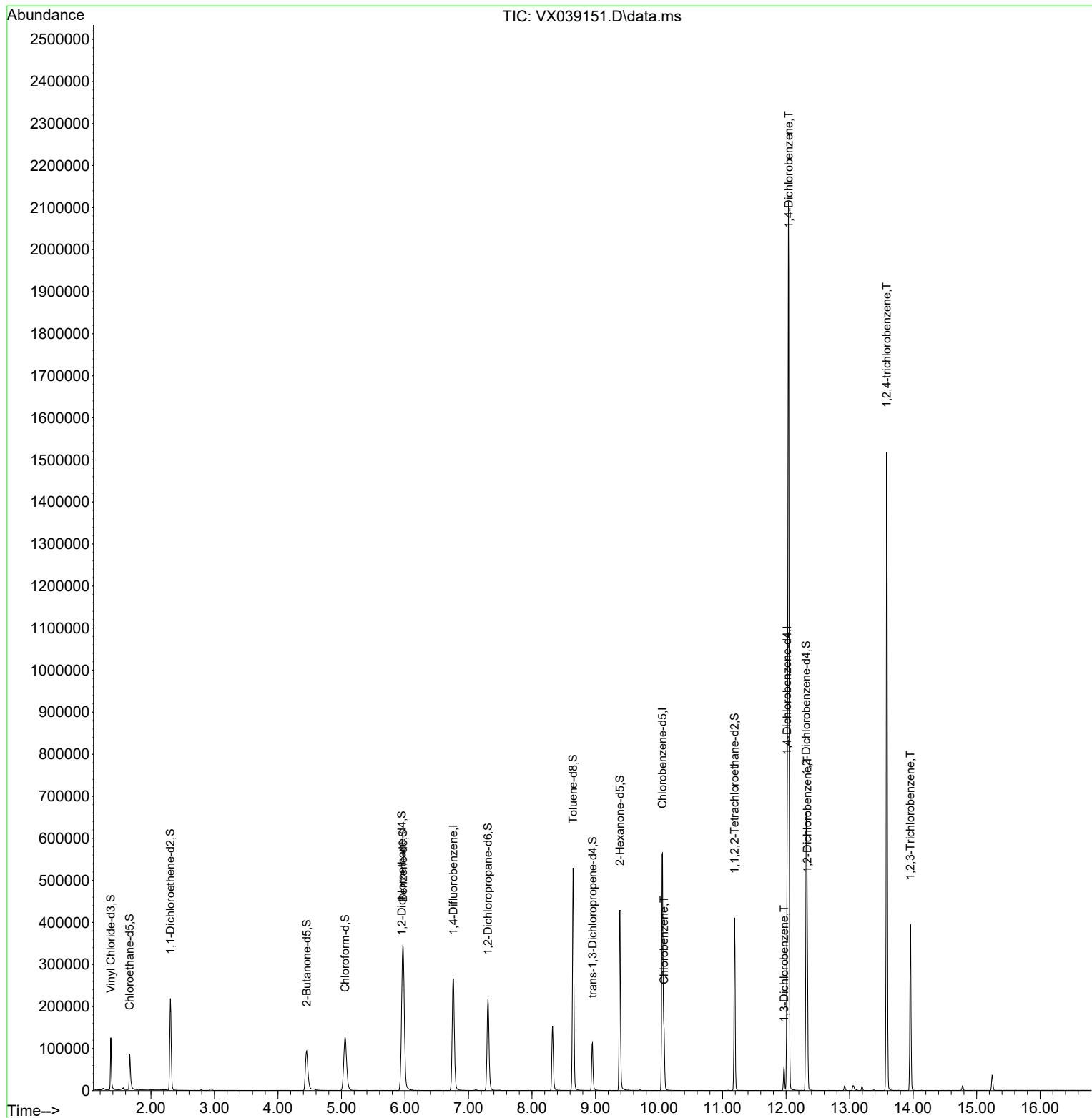
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	266937	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	244102	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	115998	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	79437	37.941	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.880%
7) Chloroethane-d5	1.666	69	60620	39.171	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.340%
11) 1,1-Dichloroethene-d2	2.306	65	40307	43.857	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.720%
21) 2-Butanone-d5	4.452	46	170292	89.853	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.850%
24) Chloroform-d	5.056	84	158056	42.645	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.280%
26) 1,2-Dichloroethane-d4	5.952	65	113840	47.427	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.860%
32) Benzene-d6	5.970	84	338840	44.978	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.960%
36) 1,2-Dichloropropane-d6	7.305	67	110389	45.532	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.060%
41) Toluene-d8	8.647	98	299455	43.863	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.720%
43) trans-1,3-Dichloroprop...	8.951	79	54022	43.787	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.580%
47) 2-Hexanone-d5	9.384	63	125147	86.426	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.430%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	156884	45.616	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.240%
66) 1,2-Dichlorobenzene-d4	12.317	152	104267	47.555	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.100%
Target Compounds						
					Qvalue	
51) Chlorobenzene	10.079	112	57148	11.247	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	16602	4.576	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	584723	159.052	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	101920	29.368	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	305982	135.282	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	79320	36.218	ug/L	98

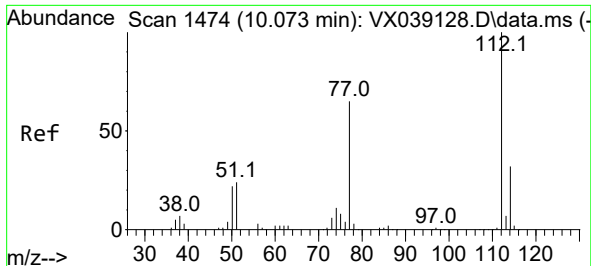
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Dec 12 03:50:51 2023
Response via : Initial Calibration





#51

Chlorobenzene

Concen: 11.247 ug/L

RT: 10.079 min Scan# 1474

Delta R.T. 0.006 min

Lab File: VX039151.D

Acq: 11 Dec 2023 18:03

Instrument :

MSVOA_X

ClientSampleId :

C0AW6

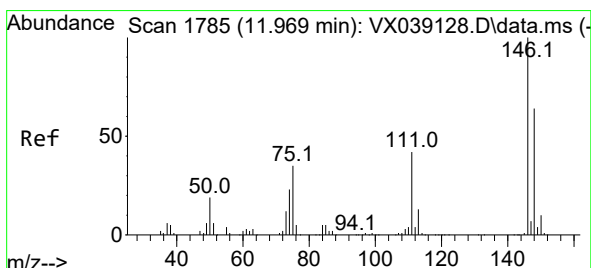
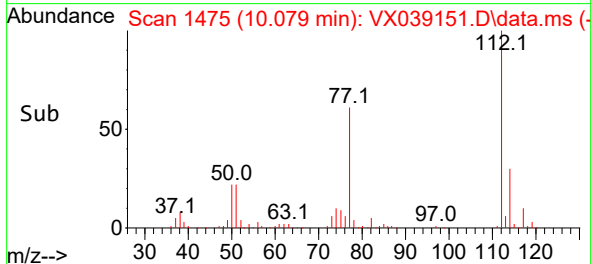
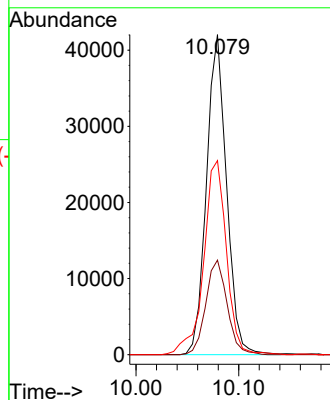
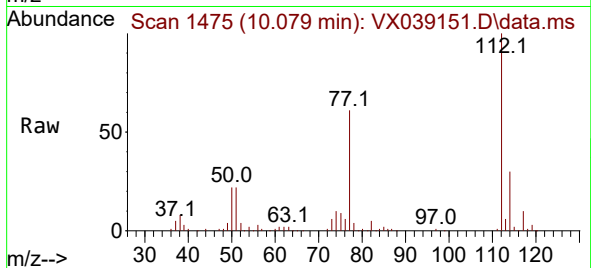
Tgt Ion:112 Resp: 57148

Ion Ratio Lower Upper

112 100

114 29.5 21.8 40.4

77 60.7 49.0 73.6



#64

1,3-Dichlorobenzene

Concen: 4.576 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX039151.D

Acq: 11 Dec 2023 18:03

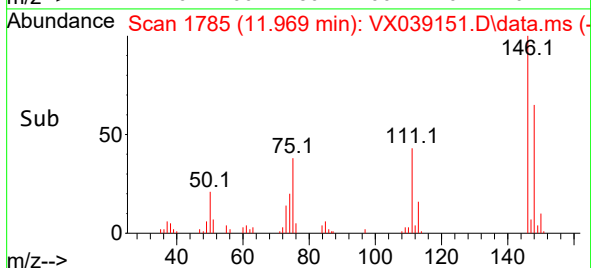
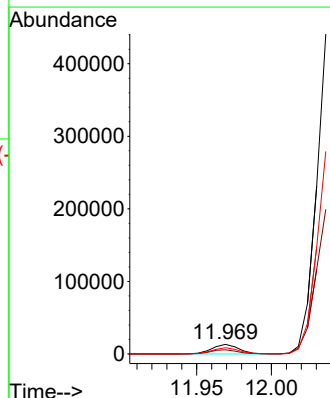
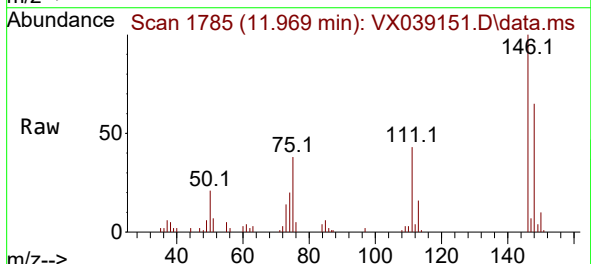
Tgt Ion:146 Resp: 16602

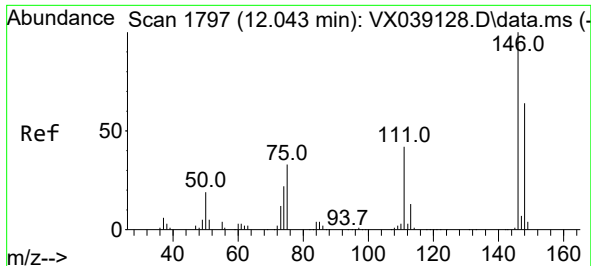
Ion Ratio Lower Upper

146 100

111 43.3 30.0 55.6

148 64.9 44.2 82.0

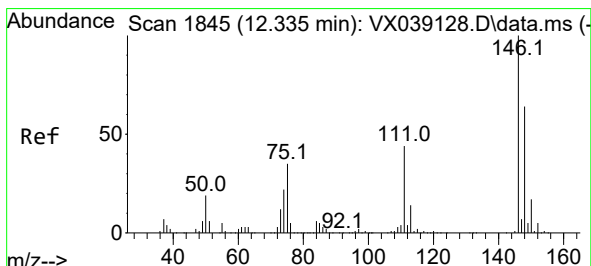
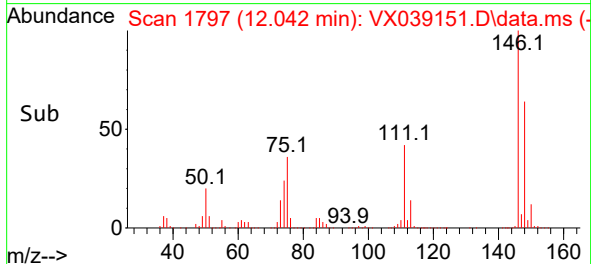
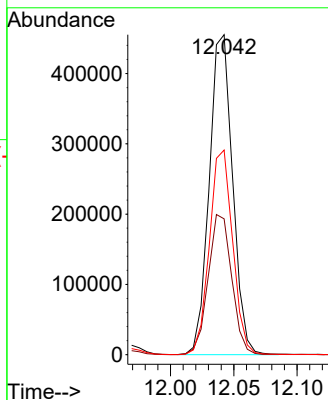
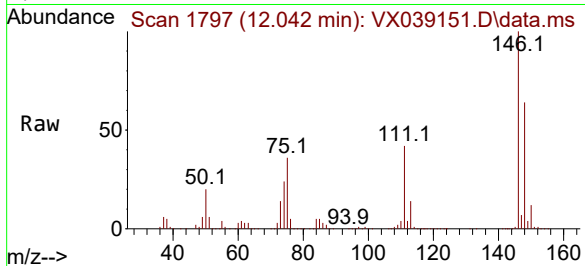




#65
1,4-Dichlorobenzene
Concen: 159.052 ug/L
RT: 12.042 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039151.D
Acq: 11 Dec 2023 18:03

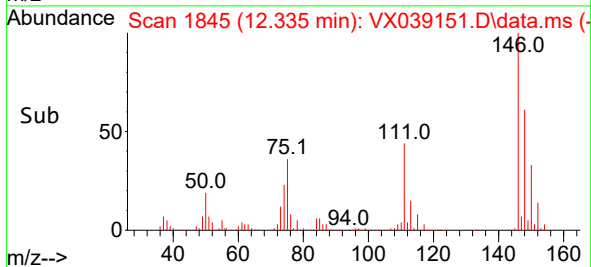
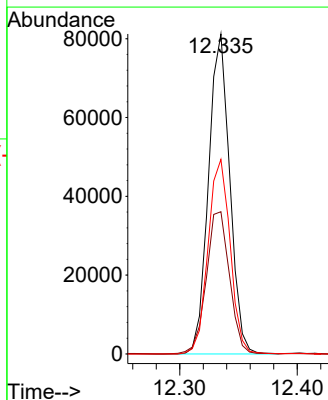
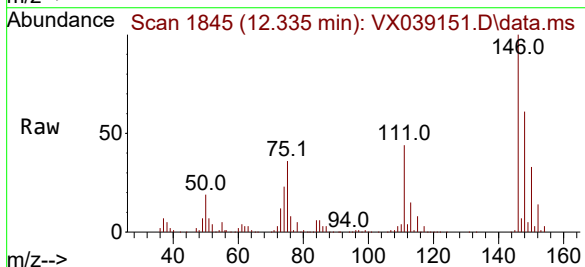
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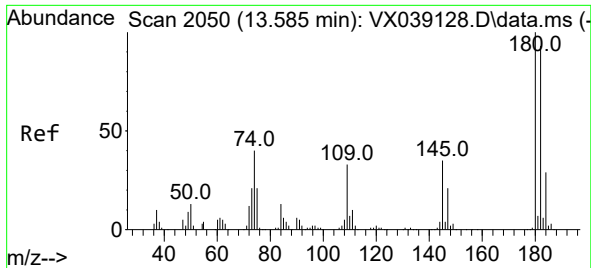
Tgt Ion:146 Resp: 584723
Ion Ratio Lower Upper
146 100
111 42.4 29.7 55.1
148 63.9 45.8 85.2



#67
1,2-Dichlorobenzene
Concen: 29.368 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX039151.D
Acq: 11 Dec 2023 18:03

Tgt Ion:146 Resp: 101920
Ion Ratio Lower Upper
146 100
111 44.5 36.4 54.6
148 60.8 50.0 75.0

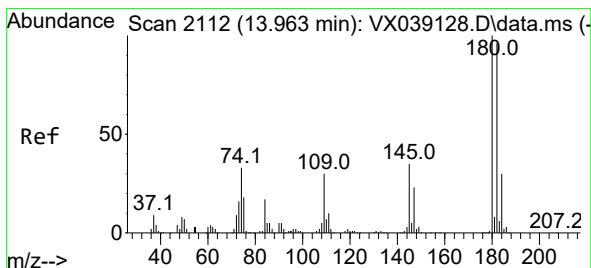
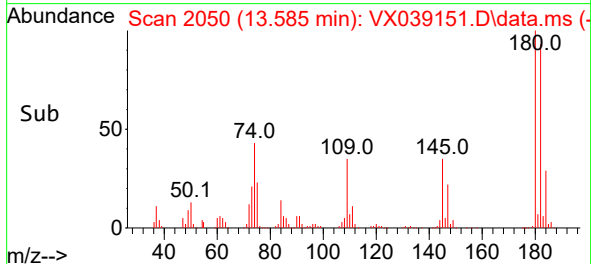
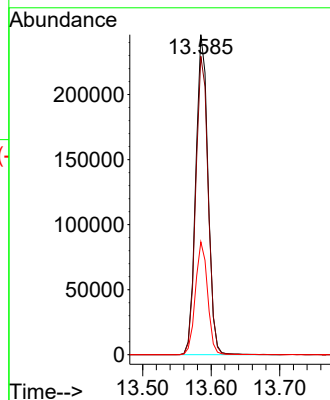
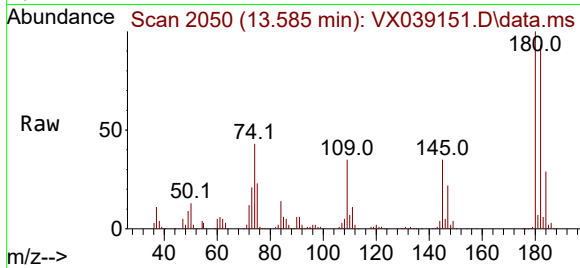




#70
1,2,4-trichlorobenzene
Concen: 135.282 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX039151.D
Acq: 11 Dec 2023 18:03

Instrument :
MSVOA_X
ClientSampleId :
C0AW6

Tgt Ion:180 Resp: 305982
Ion Ratio Lower Upper
180 100
182 94.3 76.8 115.2
145 34.9 27.8 41.6



#72
1,2,3-Trichlorobenzene
Concen: 36.218 ug/L
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX039151.D
Acq: 11 Dec 2023 18:03

Tgt Ion:180 Resp: 79320
Ion Ratio Lower Upper
180 100
182 96.6 75.9 113.9
145 37.2 28.6 42.8

