

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041724\
 Data File : VX041126.D
 Acq On : 17 Apr 2024 15:00
 Operator : JC/MD
 Sample : VIBLK657
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 18 02:03:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 18 01:57:07 2024
 Response via : Initial Calibration

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

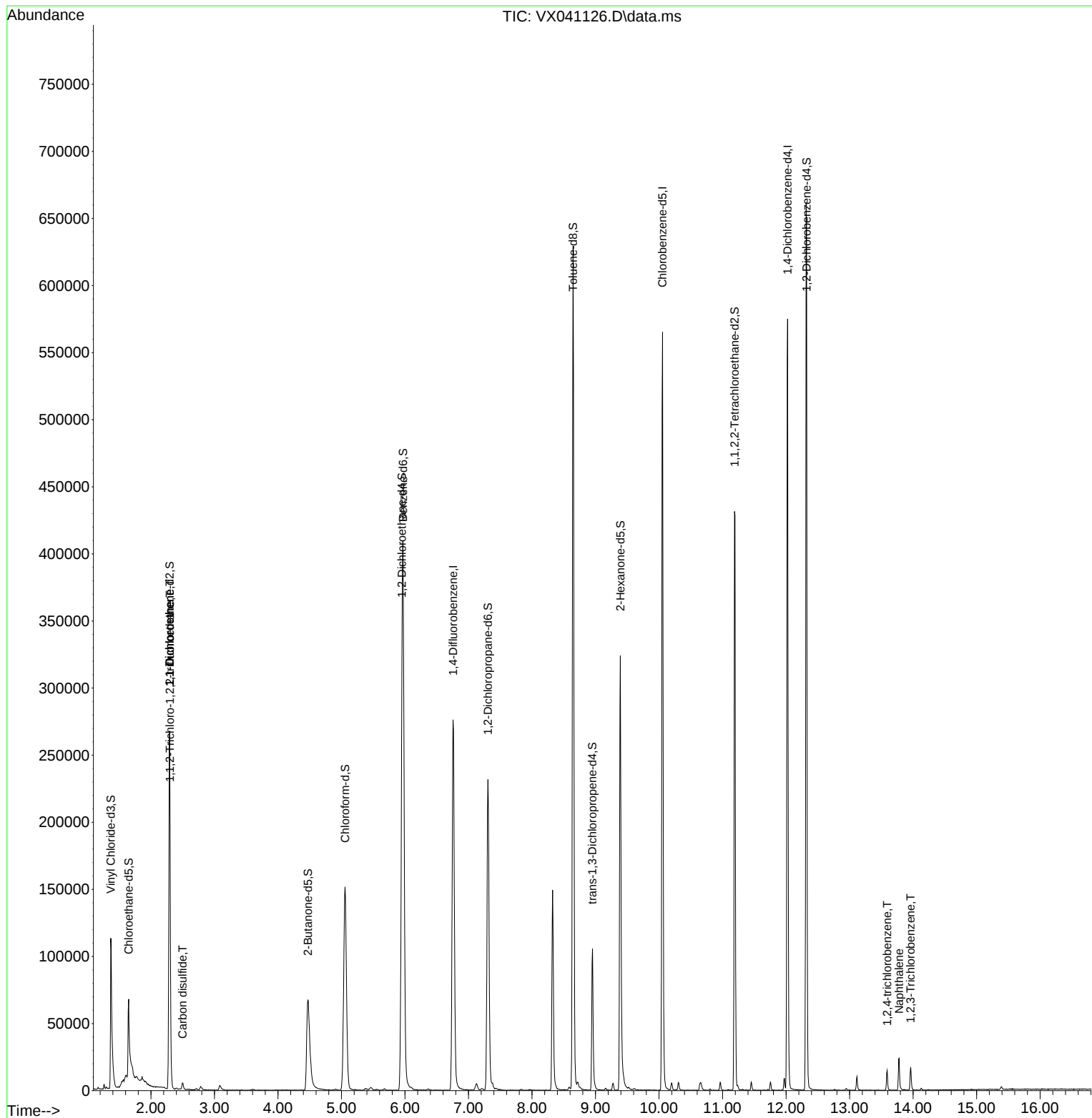
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	306507	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	274102	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	133750	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	108631	49.531	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	99.060%	
7) Chloroethane-d5	1.648	69	53886	49.372	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	98.740%	
11) 1,1-Dichloroethene-d2	2.294	65	47857	50.933	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	101.860%	
21) 2-Butanone-d5	4.471	46	141450	112.977	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	112.980%	
24) Chloroform-d	5.056	84	197988	49.045	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	98.080%	
26) 1,2-Dichloroethane-d4	5.952	65	129244	50.382	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	100.760%	
32) Benzene-d6	5.970	84	413227	52.338	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	104.680%	
36) 1,2-Dichloropropane-d6	7.306	67	120135	52.567	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	105.140%	
41) Toluene-d8	8.647	98	377949	51.029	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	102.060%	
43) trans-1,3-Dichloroprop...	8.952	79	51805	50.671	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	101.340%	
47) 2-Hexanone-d5	9.391	63	101158	109.022	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	109.020%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	169892	50.952	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	101.900%	
66) 1,2-Dichlorobenzene-d4	12.323	152	157367	54.711	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	109.420%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.300	101	2521	1.255	ug/L #	50
12) 1,1-Dichloroethene	2.294	96	2243	1.307	ug/L #	1
14) Carbon disulfide	2.495	76	6799	1.951	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	4442	1.571	ug/L	97
71) Naphthalene	13.780	128	17982	2.216	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	5266	1.784	ug/L	99

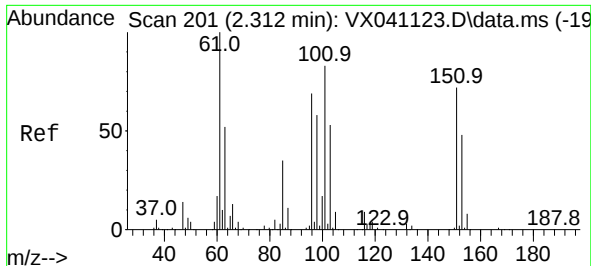
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Apr 18 01:57:07 2024
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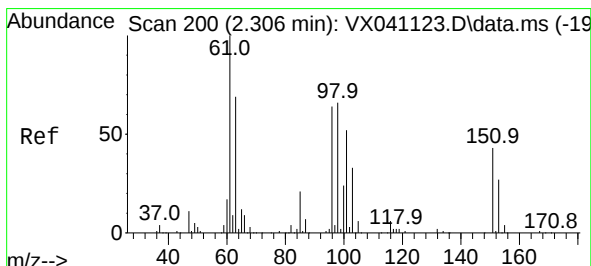
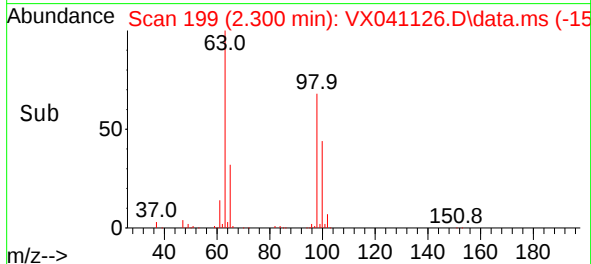
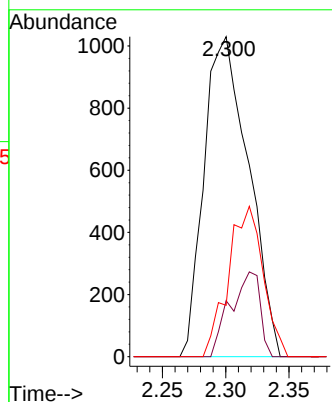
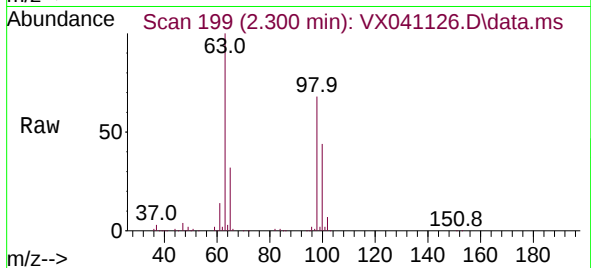




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.255 ug/L
RT: 2.300 min Scan# 10
Delta R.T. -0.012 min
Lab File: VX041126.D
Acq: 17 Apr 2024 15:00

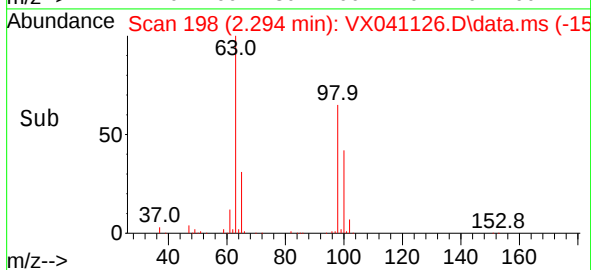
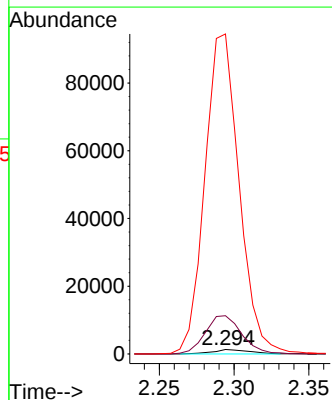
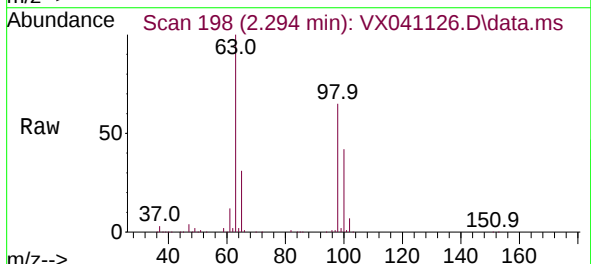
Instrument :
MSVOA_X
ClientSampleId :

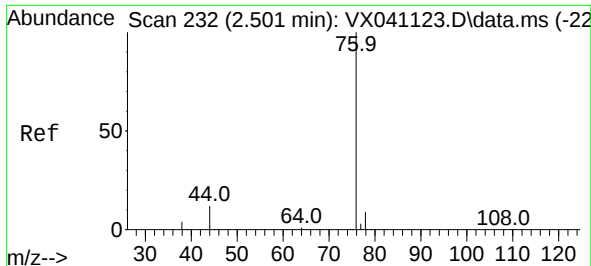
Tgt Ion:101 Resp: 2521
Ion Ratio Lower Upper
101 100
85 17.7 33.4 50.2#
151 36.9 70.5 105.7#



#12
1,1-Dichloroethene
Concen: 1.307 ug/L
RT: 2.294 min Scan# 198
Delta R.T. -0.012 min
Lab File: VX041126.D
Acq: 17 Apr 2024 15:00

Tgt Ion: 96 Resp: 2243
Ion Ratio Lower Upper
96 100
61 865.6 110.3 204.9#
63 7228.8 77.4 143.8#





#14

Carbon disulfide

Concen: 1.951 ug/L

RT: 2.495 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX041126.D

Acq: 17 Apr 2024 15:00

Instrument :

MSVOA_X

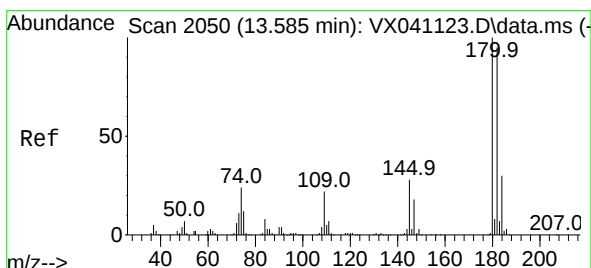
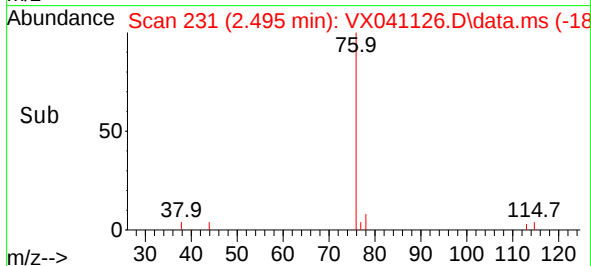
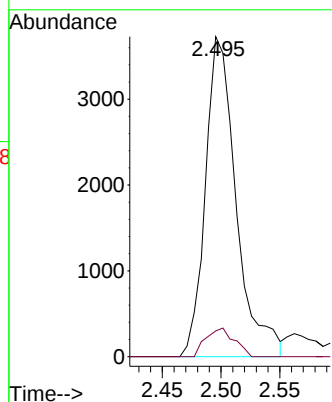
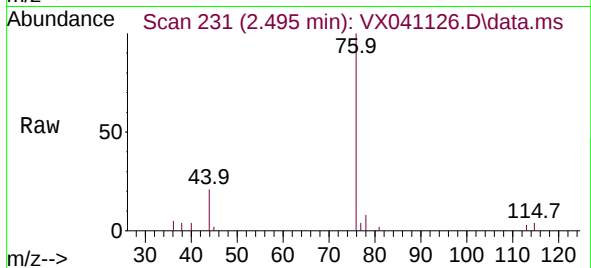
ClientSampleId :

Tgt Ion: 76 Resp: 6799

Ion Ratio Lower Upper

76 100

78 8.1 7.4 11.2



#70

1,2,4-trichlorobenzene

Concen: 1.571 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX041126.D

Acq: 17 Apr 2024 15:00

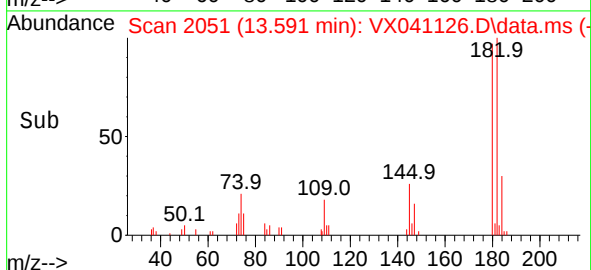
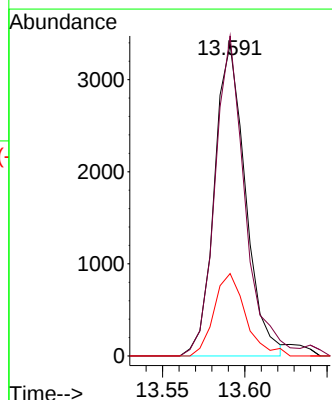
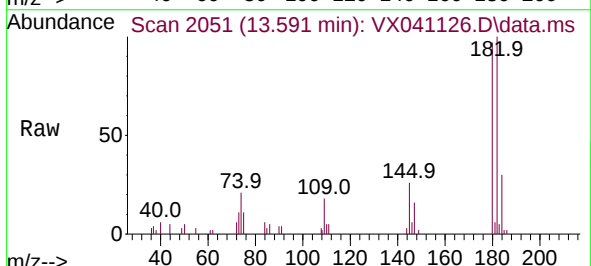
Tgt Ion:180 Resp: 4442

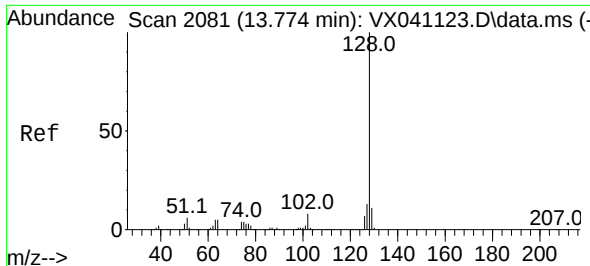
Ion Ratio Lower Upper

180 100

182 99.5 76.2 114.4

145 26.9 21.8 32.6

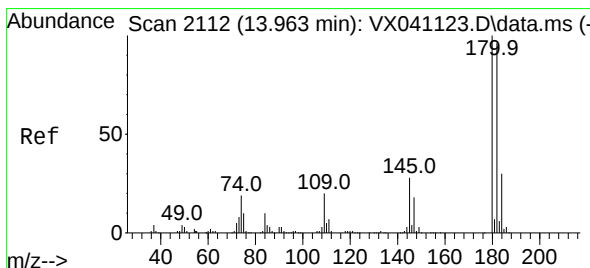
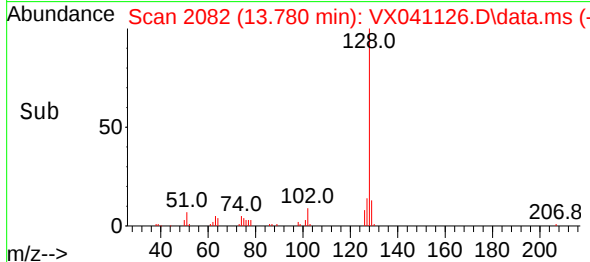
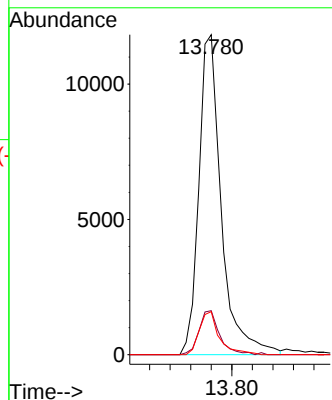
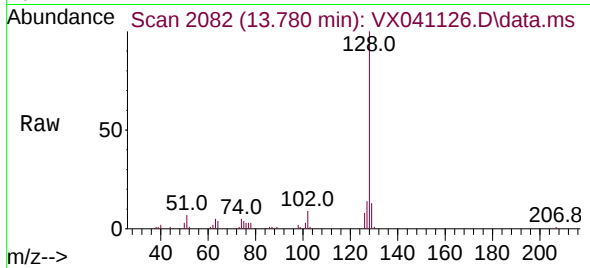




#71
Naphthalene
Concen: 2.216 ug/L
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX041126.D
Acq: 17 Apr 2024 15:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 17982
Ion Ratio Lower Upper
128 100
127 12.5 10.4 15.6
129 12.0 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 1.784 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX041126.D
Acq: 17 Apr 2024 15:00

Tgt Ion:180 Resp: 5266
Ion Ratio Lower Upper
180 100
182 94.7 76.5 114.7
145 30.0 23.1 34.7

