

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060623\
 Data File : VX036038.D
 Acq On : 06 Jun 2023 17:21
 Operator : JC/MD
 Sample : 02992-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F6C10

Quant Time: Jun 07 05:57:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML060623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 07 05:37:48 2023
 Response via : Initial Calibration

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

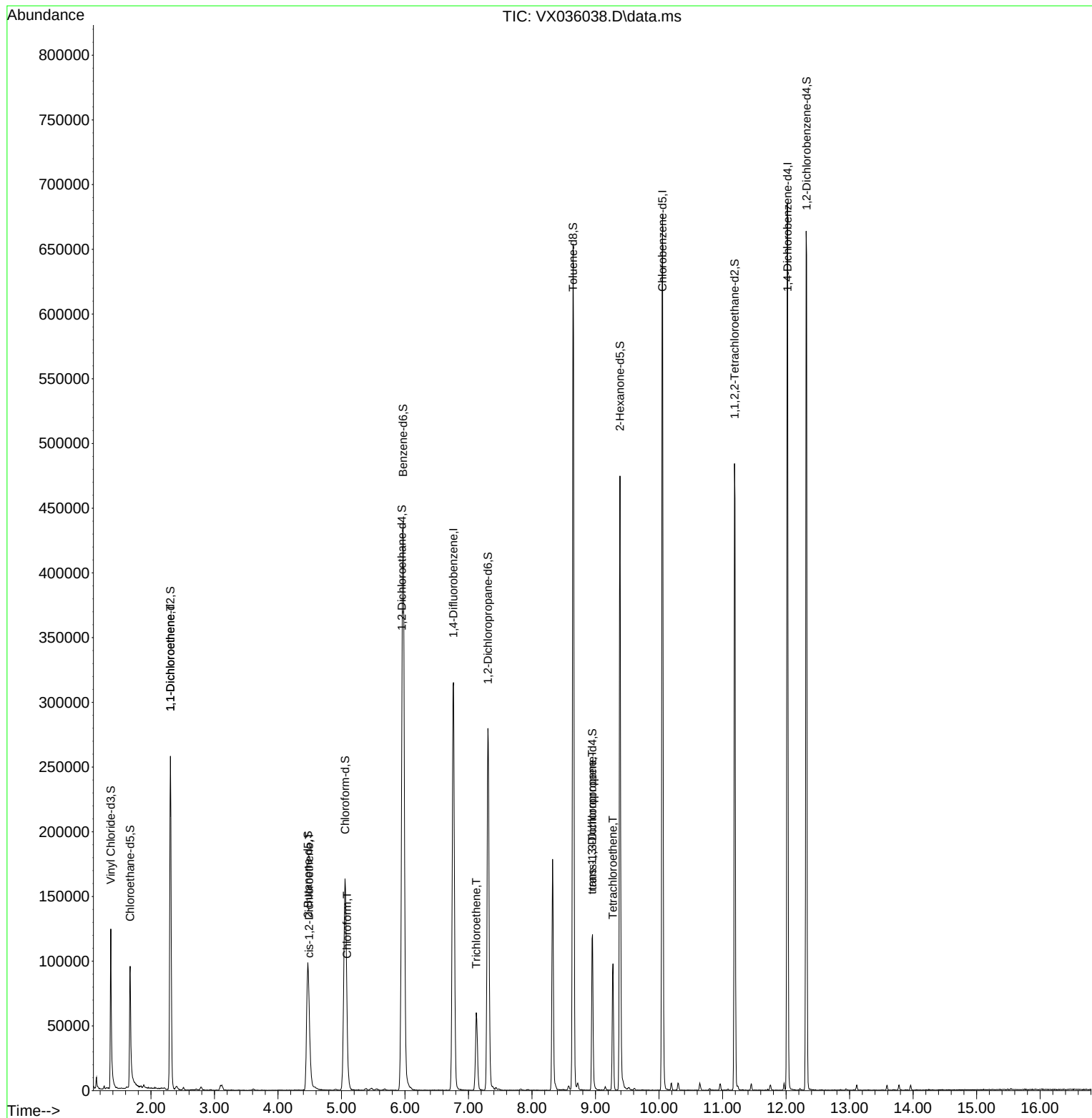
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	303623	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	296723	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	136701	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	91969	44.583	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.160%
7) Chloroethane-d5	1.672	69	75882	47.964	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.920%
11) 1,1-Dichloroethene-d2	2.307	65	48103	45.992	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.980%
21) 2-Butanone-d5	4.471	46	184115	108.889	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.890%
24) Chloroform-d	5.056	84	204727	47.594	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.180%
26) 1,2-Dichloroethane-d4	5.952	65	156531	49.869	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.740%
32) Benzene-d6	5.970	84	416626	46.675	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.360%
36) 1,2-Dichloropropane-d6	7.306	67	132335	47.698	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.400%
41) Toluene-d8	8.647	98	374225	45.551	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.100%
43) trans-1,3-Dichloroprop...	8.952	79	57107	42.880	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.760%
47) 2-Hexanone-d5	9.385	63	130223	105.408	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.410%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	184814	48.768	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.540%
66) 1,2-Dichlorobenzene-d4	12.323	152	133219	50.194	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.380%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.307	96	1611	0.798	ug/L	# 1
20) cis-1,2-Dichloroethene	4.489	96	5016	2.022	ug/L	93
25) Chloroform	5.087	83	9938	2.120	ug/L	89
34) Trichloroethene	7.123	95	22718	8.533	ug/L	95
44) trans-1,3-Dichloropropene	8.946	75	3723	0.981	ug/L	87
46) Tetrachloroethene	9.275	164	16727	8.984	ug/L	95

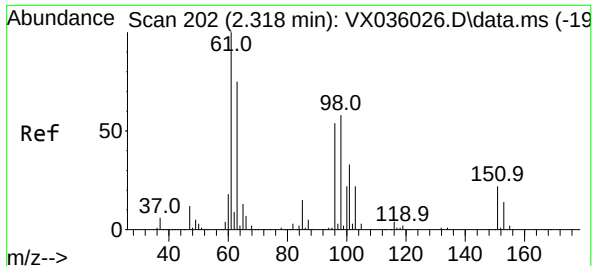
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Jun 07 05:37:48 2023
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#12

1,1-Dichloroethene

Concen: 0.798 ug/L

RT: 2.307 min Scan# 20

Delta R.T. -0.012 min

Lab File: VX036038.D

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Instrument :

MSVOA_X

ClientSampleId :

F6C10

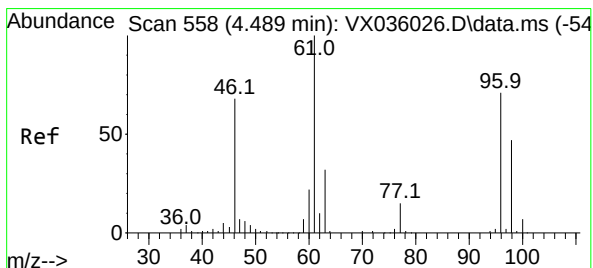
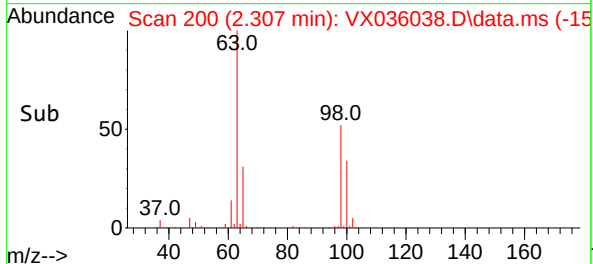
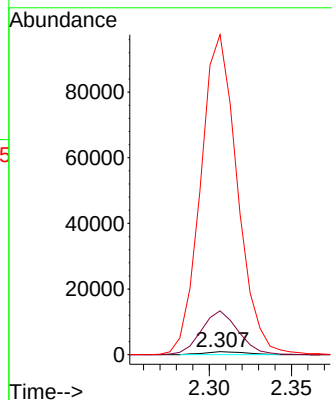
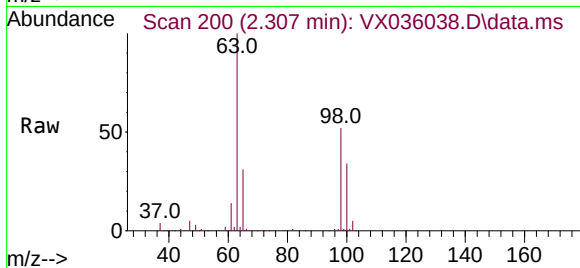
Tgt Ion: 96 Resp: 1611

Ion Ratio Lower Upper

96 100

61 1472.1 132.5 246.1#

63 10737.4 95.1 176.7#



#20

cis-1,2-Dichloroethene

Concen: 2.022 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

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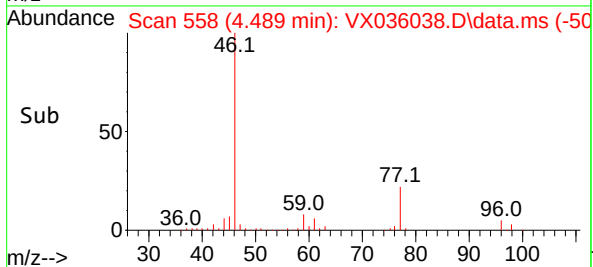
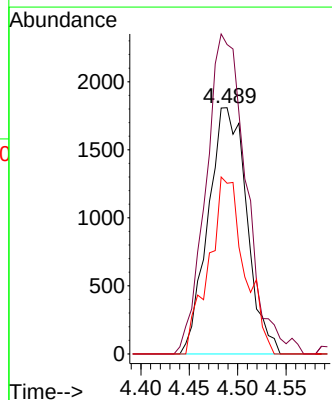
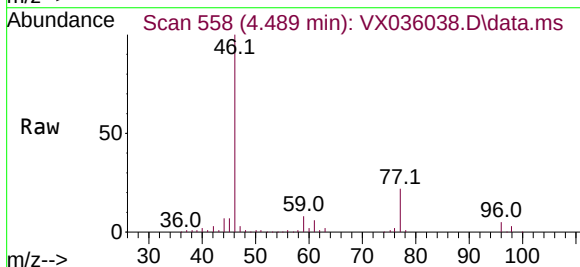
Tgt Ion: 96 Resp: 5016

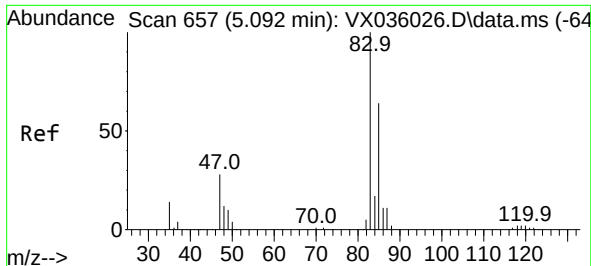
Ion Ratio Lower Upper

96 100

61 125.6 94.7 175.9

98 69.3 45.4 84.4

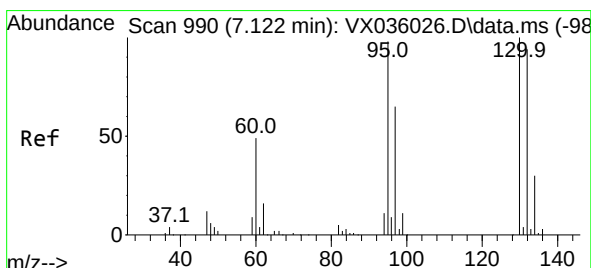
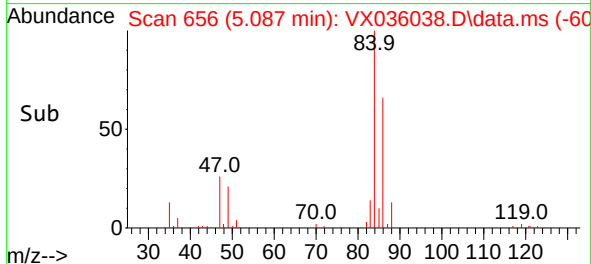
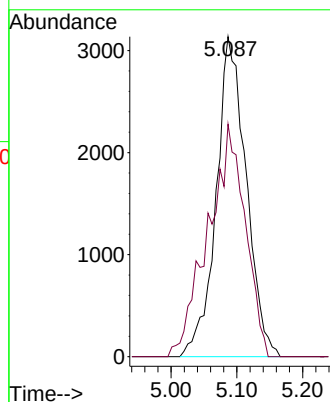
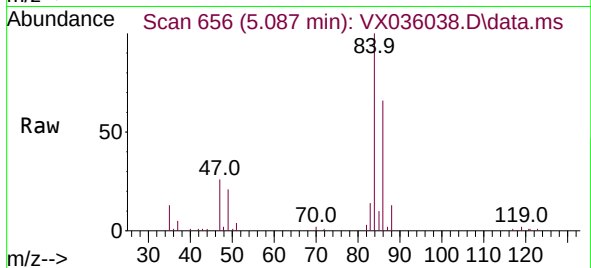




#25
Chloroform
Concen: 2.120 ug/L
RT: 5.087 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX036038.D
Acq: 06 Jun 2023 17:21

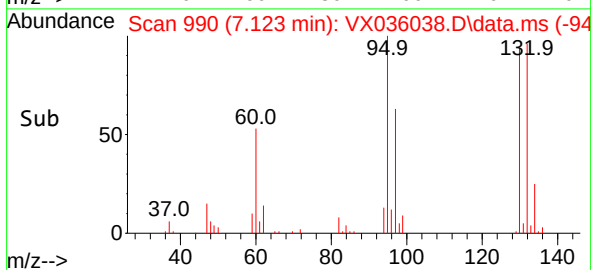
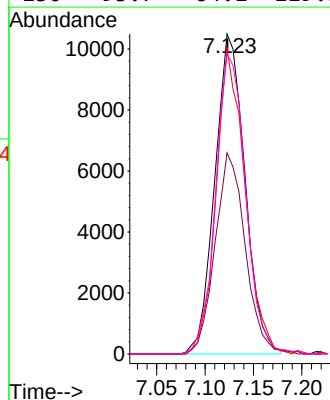
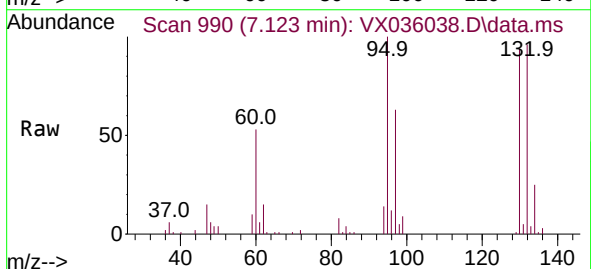
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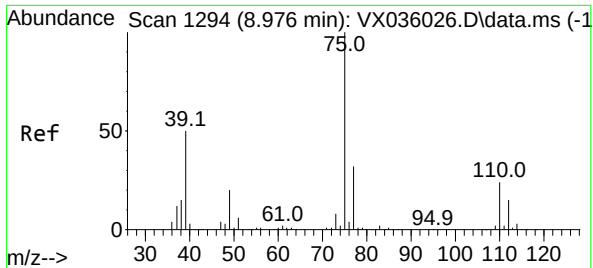
Tgt Ion: 83 Resp: 9938
Ion Ratio Lower Upper
83 100
85 72.6 45.0 83.6



#34
Trichloroethene
Concen: 8.533 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX036038.D
Acq: 06 Jun 2023 17:21

Tgt Ion: 95 Resp: 22718
Ion Ratio Lower Upper
95 100
97 62.9 43.6 81.0
132 95.5 59.9 111.3
130 93.7 64.1 119.1

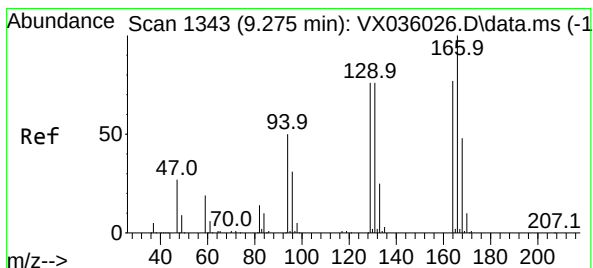
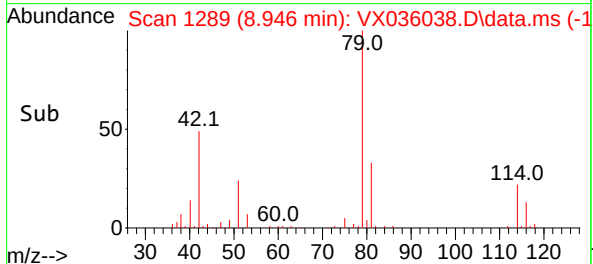
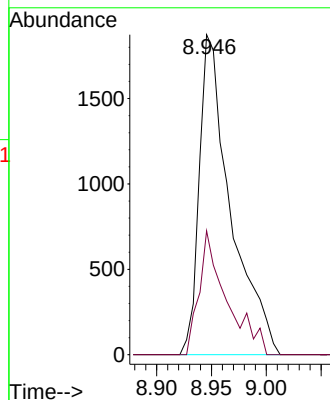
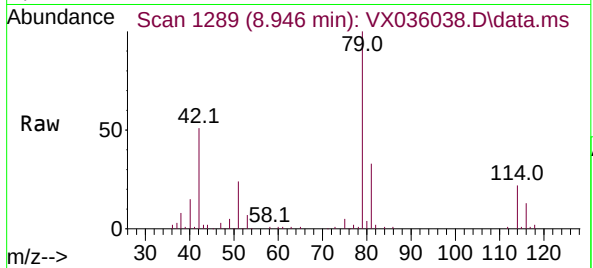




#44
trans-1,3-Dichloropropene
Concen: 0.981 ug/L
RT: 8.946 min Scan# 1289
Delta R.T. -0.030 min
Lab File: VX036038.D
Acq: 06 Jun 2023 17:21

Instrument :
MSVOA_X
ClientSampleId :
F6C10

Tgt Ion: 75 Resp: 3723
Ion Ratio Lower Upper
75 100
77 38.7 22.0 41.0



#46
Tetrachloroethene
Concen: 8.984 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX036038.D
Acq: 06 Jun 2023 17:21

Tgt Ion: 164 Resp: 16727
Ion Ratio Lower Upper
164 100
129 109.2 74.8 139.0
131 101.0 68.9 127.9
166 134.1 86.8 161.2

