

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080622\
 Data File : VX030497.D
 Acq On : 07 Aug 2022 04:50
 Operator : JC/MD
 Sample : N4021-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5E21

Quant Time: Aug 07 05:48:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 06 02:08:42 2022
 Response via : Initial Calibration

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

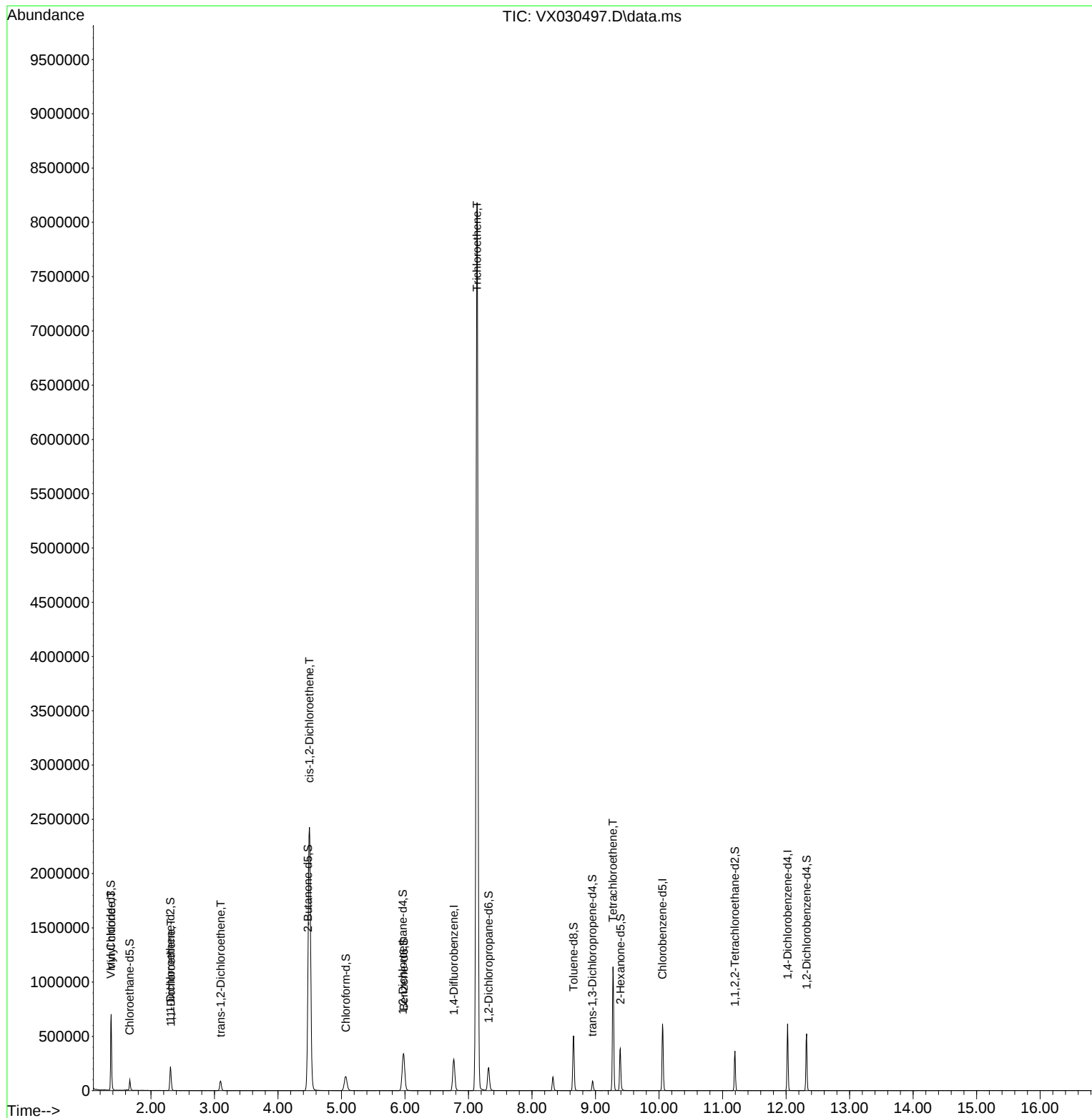
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	281663	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	257784	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	112377	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	75604	41.798	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.600%
7) Chloroethane-d5	1.666	69	56772	44.523	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.040%
11) 1,1-Dichloroethene-d2	2.306	63	117008	34.198	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.400%
21) 2-Butanone-d5	4.471	46	164708	98.278	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.280%
24) Chloroform-d	5.068	84	161650	43.414	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.820%
26) 1,2-Dichloroethane-d4	5.964	65	116378	46.031	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.060%
32) Benzene-d6	5.983	84	321087	43.483	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.960%
36) 1,2-Dichloropropane-d6	7.318	67	105529	44.049	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.100%
41) Toluene-d8	8.653	98	287302	41.277	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.560%
43) trans-1,3-Dichloroprop...	8.952	79	40147	33.685	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.380%
47) 2-Hexanone-d5	9.391	63	108242	88.639	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.640%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	138433	43.986	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.980%
66) 1,2-Dichlorobenzene-d4	12.323	152	97983	44.953	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.900%
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	389440	200.059	ug/L	98
12) 1,1-Dichloroethene	2.313	96	2867	1.819	ug/L	# 1
17) trans-1,2-Dichloroethene	3.099	96	33938	18.582	ug/L	97
20) cis-1,2-Dichloroethene	4.495	96	1446077	703.844	ug/L	97
34) Trichloroethene	7.135	95	3096645	1293.614	ug/L	91
46) Tetrachloroethene	9.275	164	188008	124.274	ug/L	97

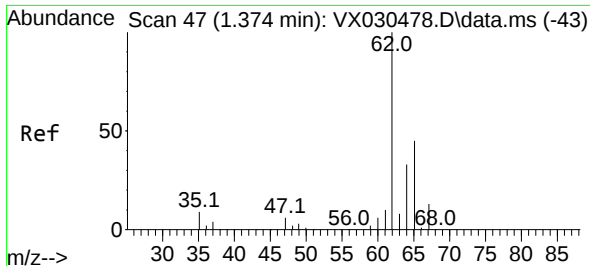
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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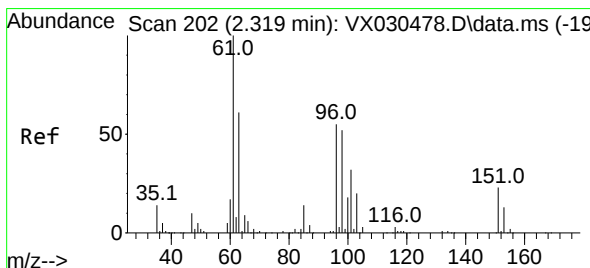
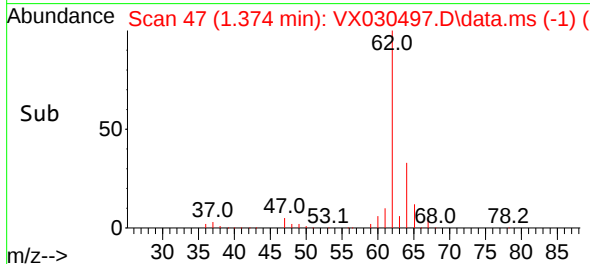
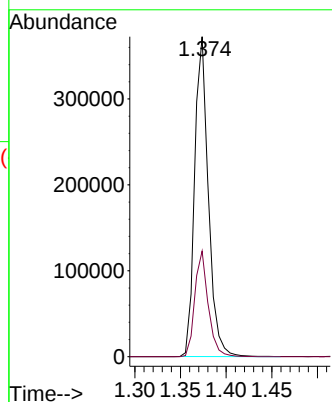
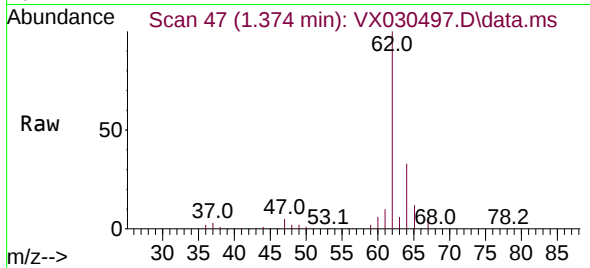




#5
 Vinyl chloride
 Concen: 200.059 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030497.D
 Acq: 07 Aug 2022 04:50

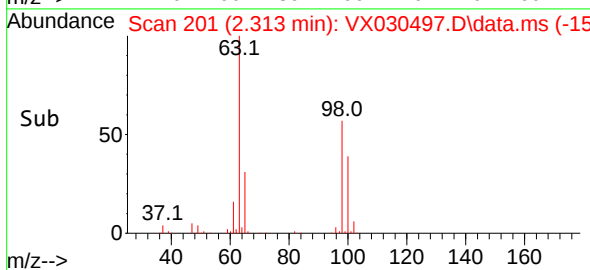
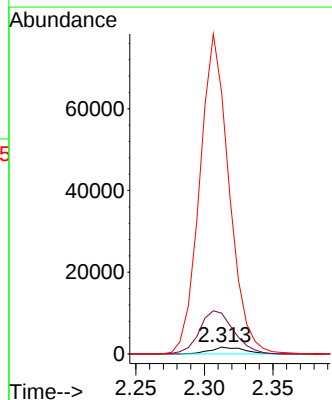
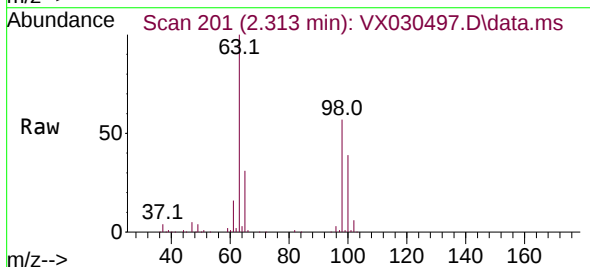
Instrument :
 MSVOA_X
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 F5E21

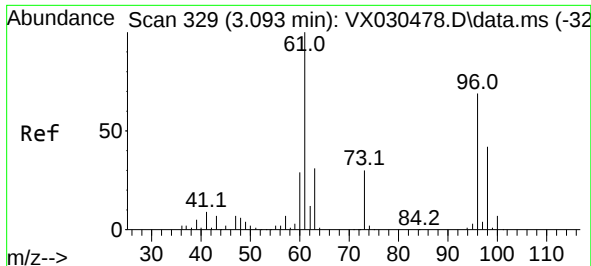
Tgt Ion: 62 Resp: 389440
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.8 44.2



#12
 1,1-Dichloroethene
 Concen: 1.819 ug/L
 RT: 2.313 min Scan# 201
 Delta R.T. -0.006 min
 Lab File: VX030497.D
 Acq: 07 Aug 2022 04:50

Tgt Ion: 96 Resp: 2867
 Ion Ratio Lower Upper
 96 100
 61 597.1 130.2 241.8#
 63 3825.8 113.5 210.9#

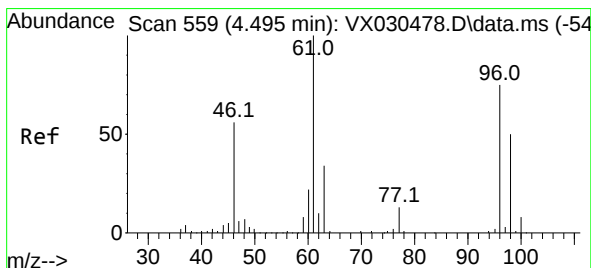
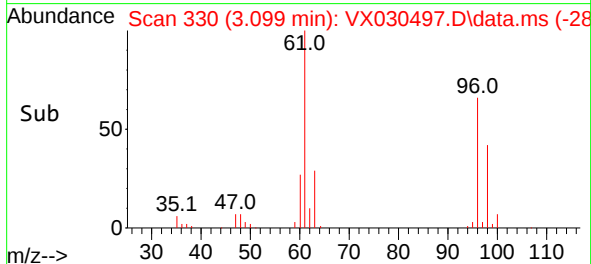
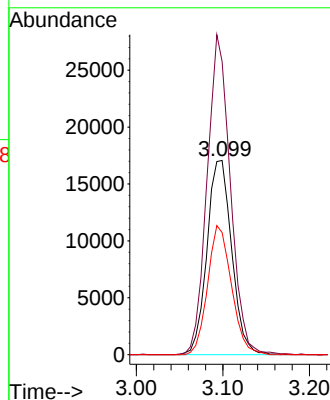
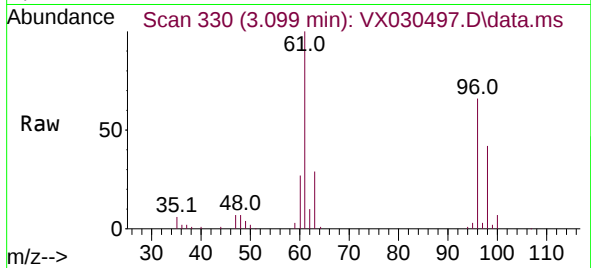




#17
trans-1,2-Dichloroethene
Concen: 18.582 ug/L
RT: 3.099 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX030497.D
Acq: 07 Aug 2022 04:50

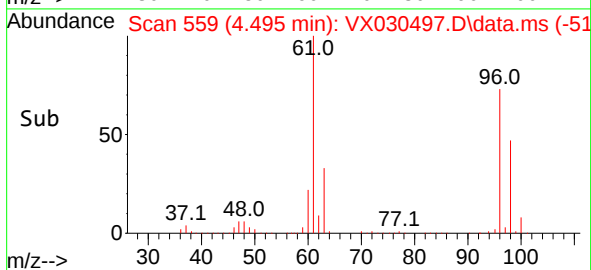
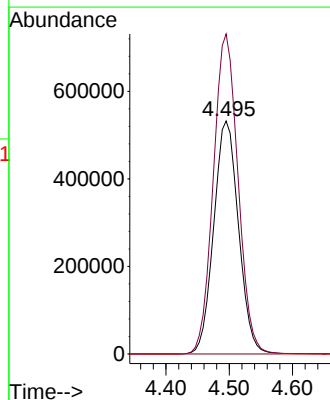
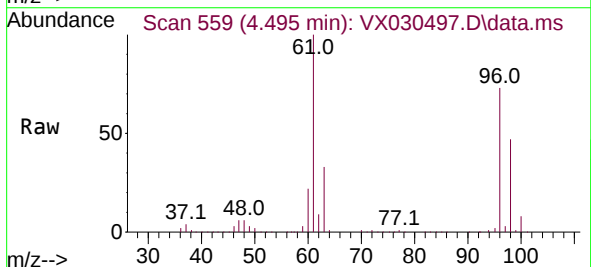
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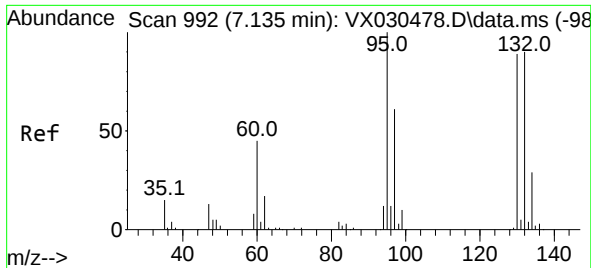
Tgt Ion: 96 Resp: 33938
Ion Ratio Lower Upper
96 100
61 151.0 103.7 192.5
98 62.9 41.5 77.1



#20
cis-1,2-Dichloroethene
Concen: 703.844 ug/L
RT: 4.495 min Scan# 559
Delta R.T. -0.000 min
Lab File: VX030497.D
Acq: 07 Aug 2022 04:50

Tgt Ion: 96 Resp: 1446077
Ion Ratio Lower Upper
96 100
61 137.4 94.0 174.6
68 0.0 0.0 0.0



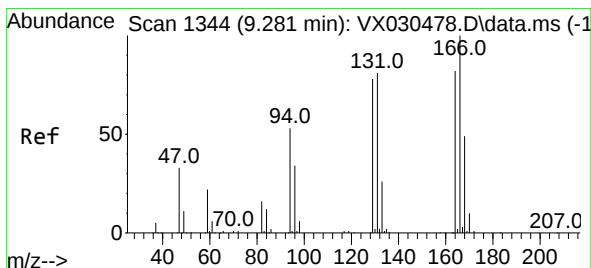
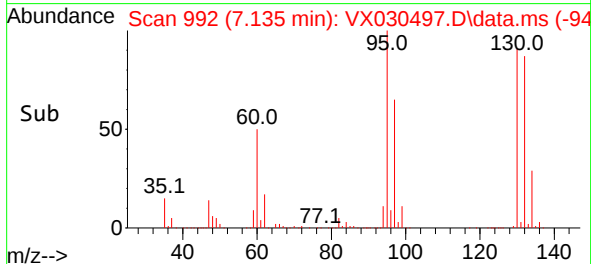
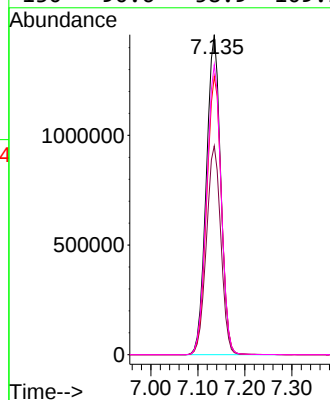
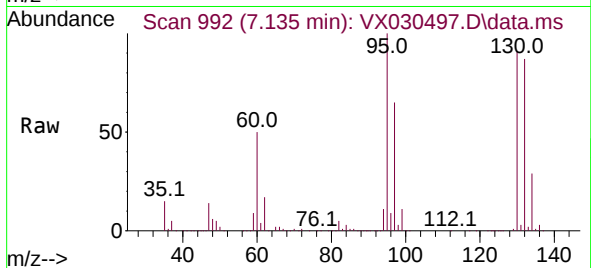


#34
 Trichloroethene
 Concen: 1293.614 ug/L
 RT: 7.135 min Scan# 992
 Delta R.T. 0.006 min
 Lab File: VX030497.D
 Acq: 07 Aug 2022 04:50

Instrument :
 MSVOA_X
 ClientSampleId :
 F5E21

Tgt Ion: 95 Resp: 3096645

Ion	Ratio	Lower	Upper
95	100		
97	65.2	40.2	74.6
132	87.0	55.3	102.7
130	90.6	58.9	109.5



#46
 Tetrachloroethene
 Concen: 124.274 ug/L
 RT: 9.275 min Scan# 1343
 Delta R.T. -0.000 min
 Lab File: VX030497.D
 Acq: 07 Aug 2022 04:50

Tgt Ion: 164 Resp: 188008

Ion	Ratio	Lower	Upper
164	100		
129	108.7	72.7	135.1
131	102.4	69.9	129.9
166	127.3	88.3	164.1

