

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082222\
 Data File : VX030715.D
 Acq On : 22 Aug 2022 15:10
 Operator : JC/MD
 Sample : N4231-09DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0KQ6DL

Quant Time: Aug 23 02:07:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 23 02:05:32 2022
 Response via : Initial Calibration

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

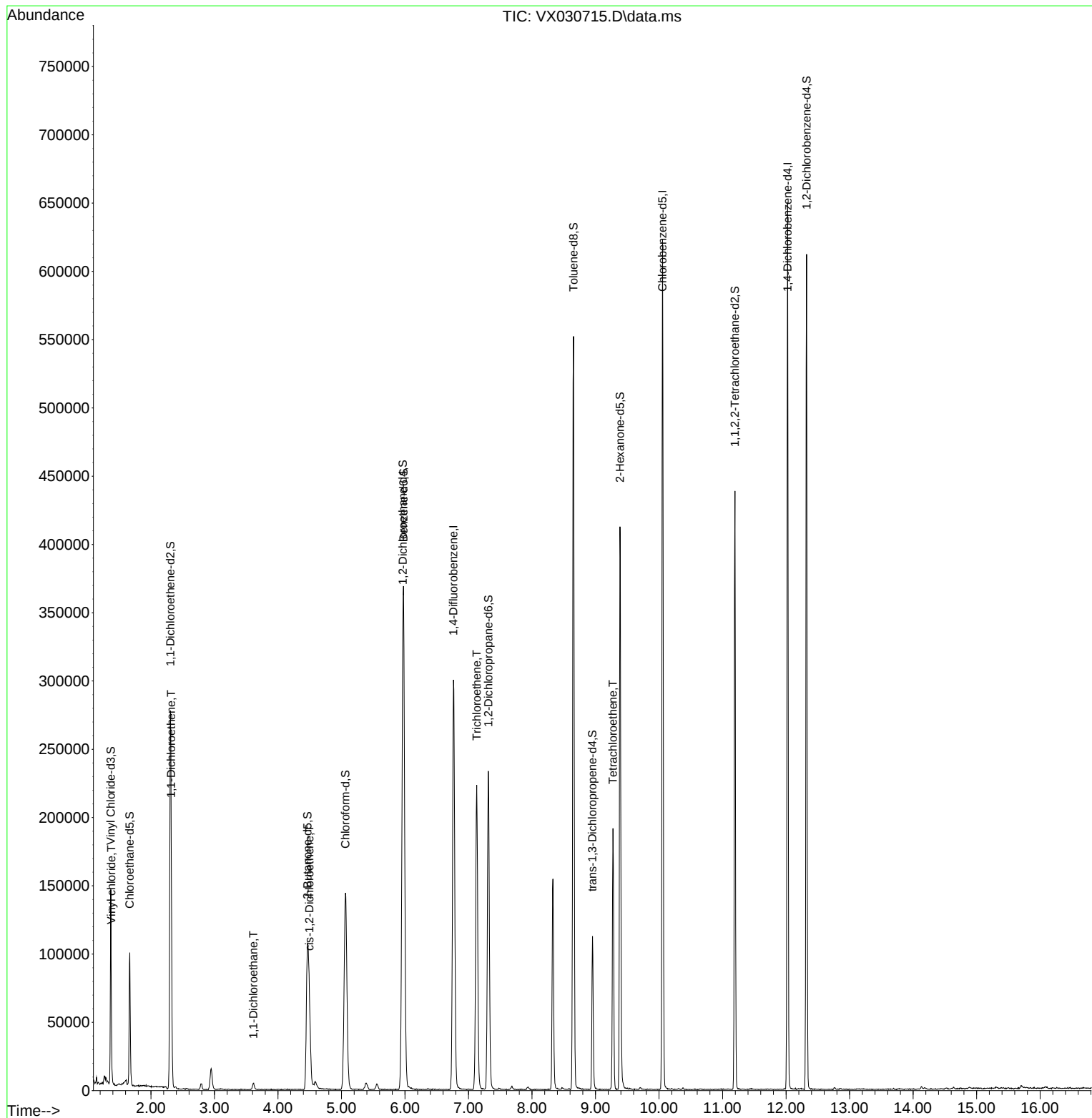
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	318526	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	290097	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	131969	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	80116	39.167	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.340%
7) Chloroethane-d5	1.666	69	66633	46.209	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.420%
11) 1,1-Dichloroethene-d2	2.306	63	141263	36.509	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.020%
21) 2-Butanone-d5	4.465	46	164828	86.968	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.970%
24) Chloroform-d	5.062	84	186831	44.370	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.740%
26) 1,2-Dichloroethane-d4	5.964	65	116355	40.696	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.400%
32) Benzene-d6	5.977	84	375951	45.242	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.480%
36) 1,2-Dichloropropane-d6	7.312	67	128181	47.544	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.080%
41) Toluene-d8	8.653	98	337400	43.075	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.160%
43) trans-1,3-Dichloroprop...	8.952	79	56033	41.777	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.560%
47) 2-Hexanone-d5	9.384	63	124806	90.819	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.820%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	176758	49.907	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.820%
66) 1,2-Dichlorobenzene-d4	12.323	152	124485	48.633	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.260%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	8750	3.975	ug/L	# 76
12) 1,1-Dichloroethene	2.319	96	34273	19.224	ug/L	82
19) 1,1-Dichloroethane	3.611	63	4967	1.243	ug/L	94
20) cis-1,2-Dichloroethene	4.495	96	29623	12.750	ug/L	89
34) Trichloroethene	7.129	95	86554	32.130	ug/L	87
46) Tetrachloroethene	9.275	164	35958	21.121	ug/L	99

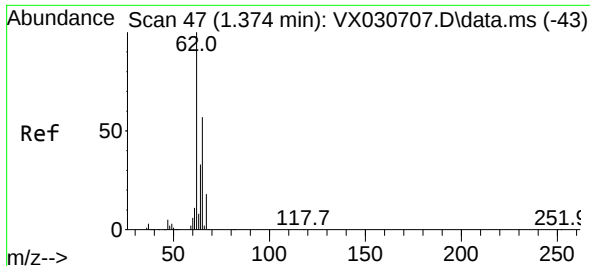
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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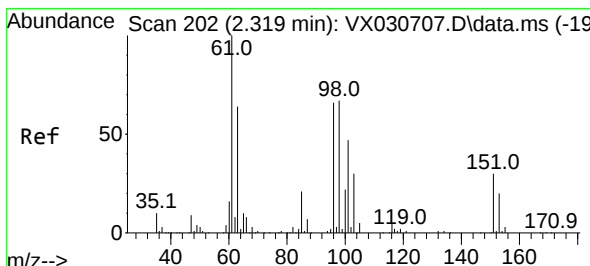
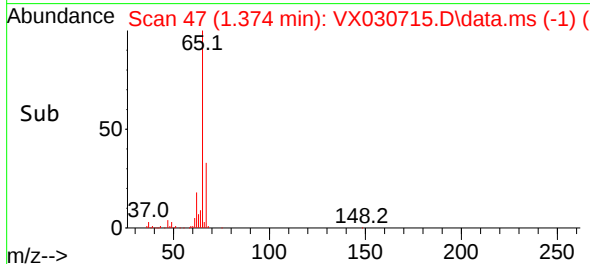
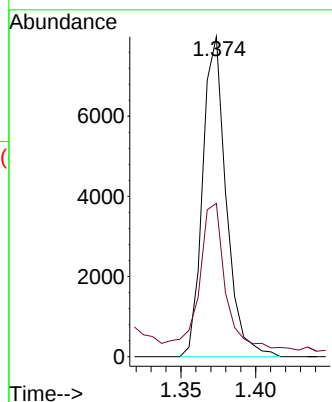
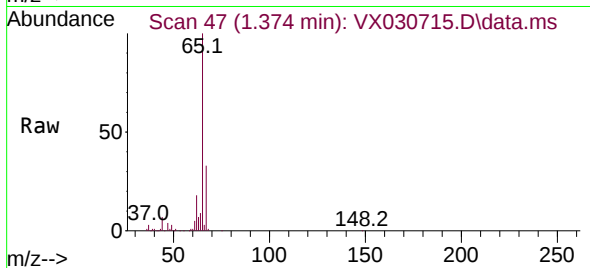




#5
 Vinyl chloride
 Concen: 3.975 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030715.D
 Acq: 22 Aug 2022 15:10

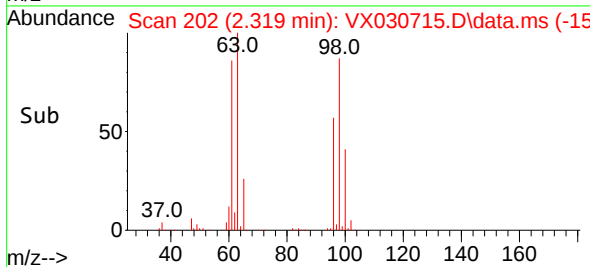
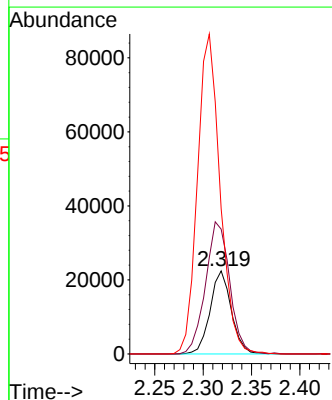
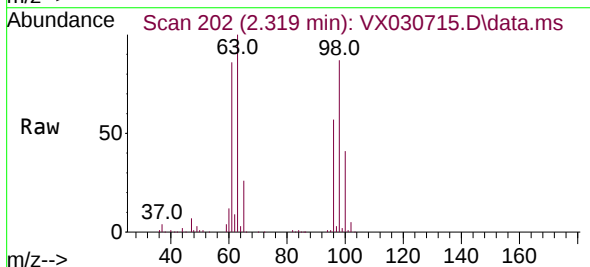
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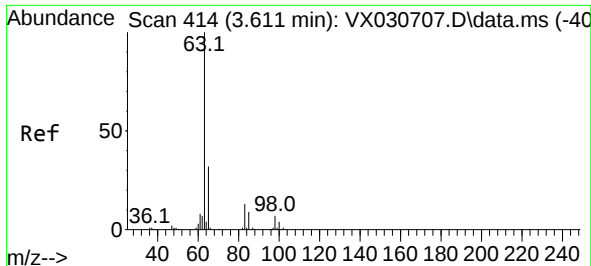
Tgt Ion: 62 Resp: 8750
 Ion Ratio Lower Upper
 62 100
 64 47.9 23.8 44.2#



#12
 1,1-Dichloroethene
 Concen: 19.224 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX030715.D
 Acq: 22 Aug 2022 15:10

Tgt Ion: 96 Resp: 34273
 Ion Ratio Lower Upper
 96 100
 61 150.4 130.2 241.8
 63 175.1 113.5 210.9

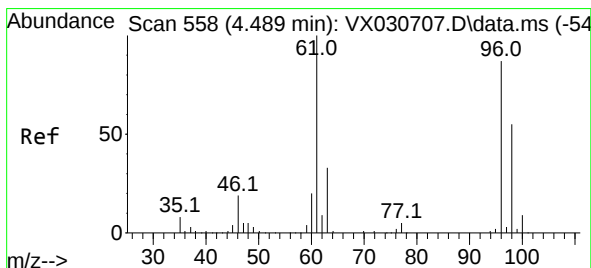
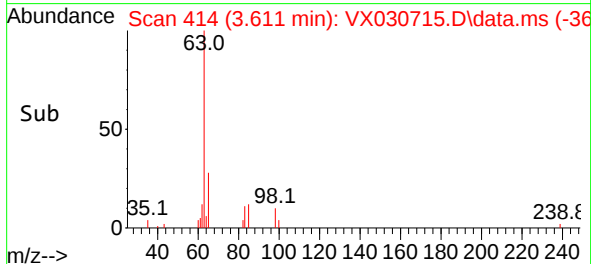
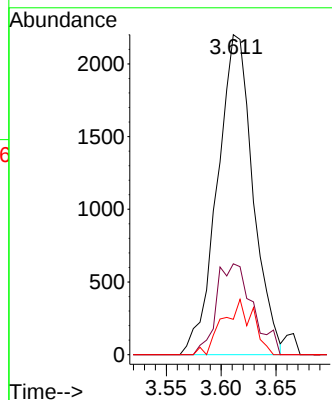
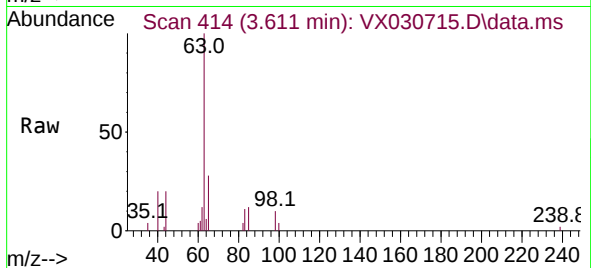




#19
1,1-Dichloroethane
Concen: 1.243 ug/L
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX030715.D
Acq: 22 Aug 2022 15:10

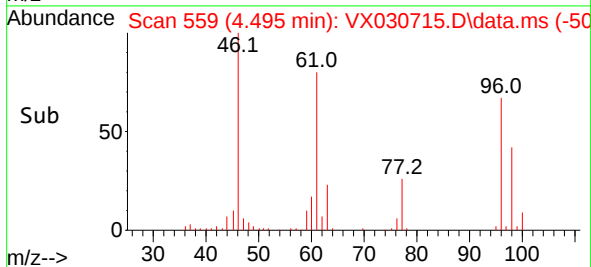
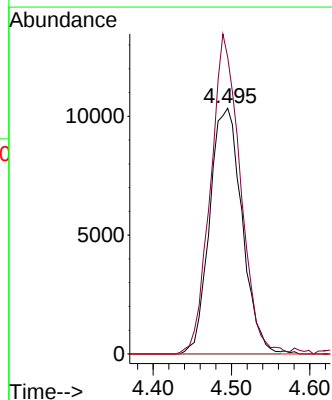
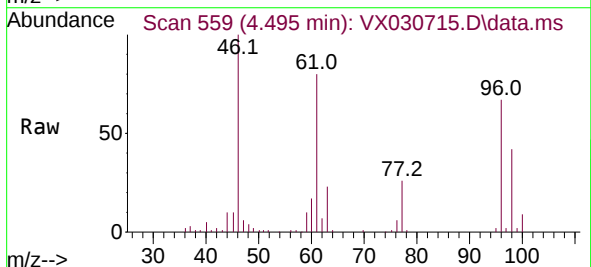
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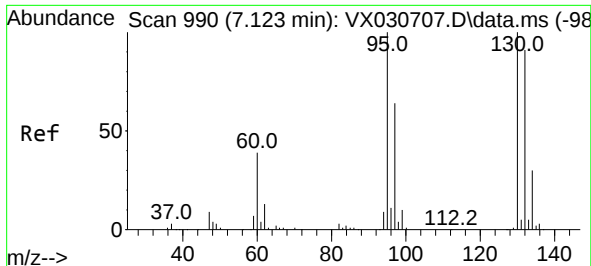
Tgt Ion: 63 Resp: 4967
Ion Ratio Lower Upper
63 100
65 28.4 22.0 40.8
83 11.0 9.9 18.3



#20
cis-1,2-Dichloroethene
Concen: 12.750 ug/L
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX030715.D
Acq: 22 Aug 2022 15:10

Tgt Ion: 96 Resp: 29623
Ion Ratio Lower Upper
96 100
61 120.7 94.0 174.6
68 0.0 0.0 0.0



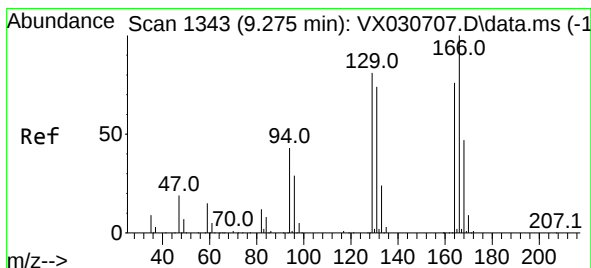
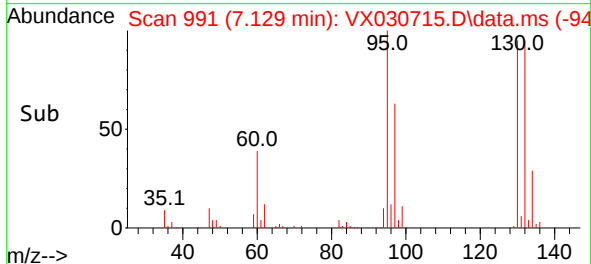
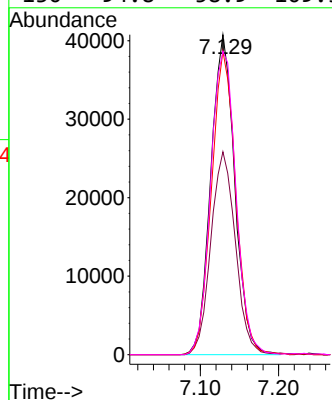
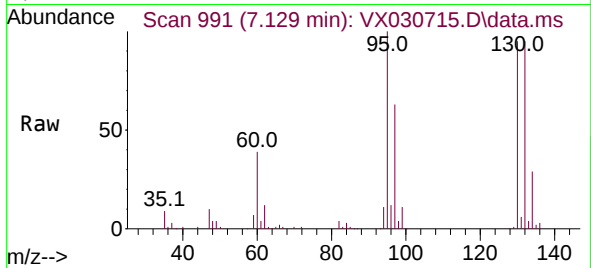


#34
Trichloroethene
Concen: 32.130 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX030715.D
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Instrument :
MSVOA_X
ClientSampleId :
C0KQ6DL

Tgt Ion: 95 Resp: 86554

Ion	Ratio	Lower	Upper
95	100		
97	63.4	40.2	74.6
132	94.8	55.3	102.7
130	94.8	58.9	109.5



#46
Tetrachloroethene
Concen: 21.121 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX030715.D
Acq: 22 Aug 2022 15:10

Tgt Ion: 164 Resp: 35958

Ion	Ratio	Lower	Upper
164	100		
129	101.4	72.7	135.1
131	99.5	69.9	129.9
166	126.6	88.3	164.1

