

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112122\
 Data File : VU052008.D
 Acq On : 21 Nov 2022 20:40
 Operator : JC/MD
 Sample : N5710-09DL 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0KY8DL

Quant Time: Nov 22 01:06:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 22 01:03:12 2022
 Response via : Initial Calibration

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

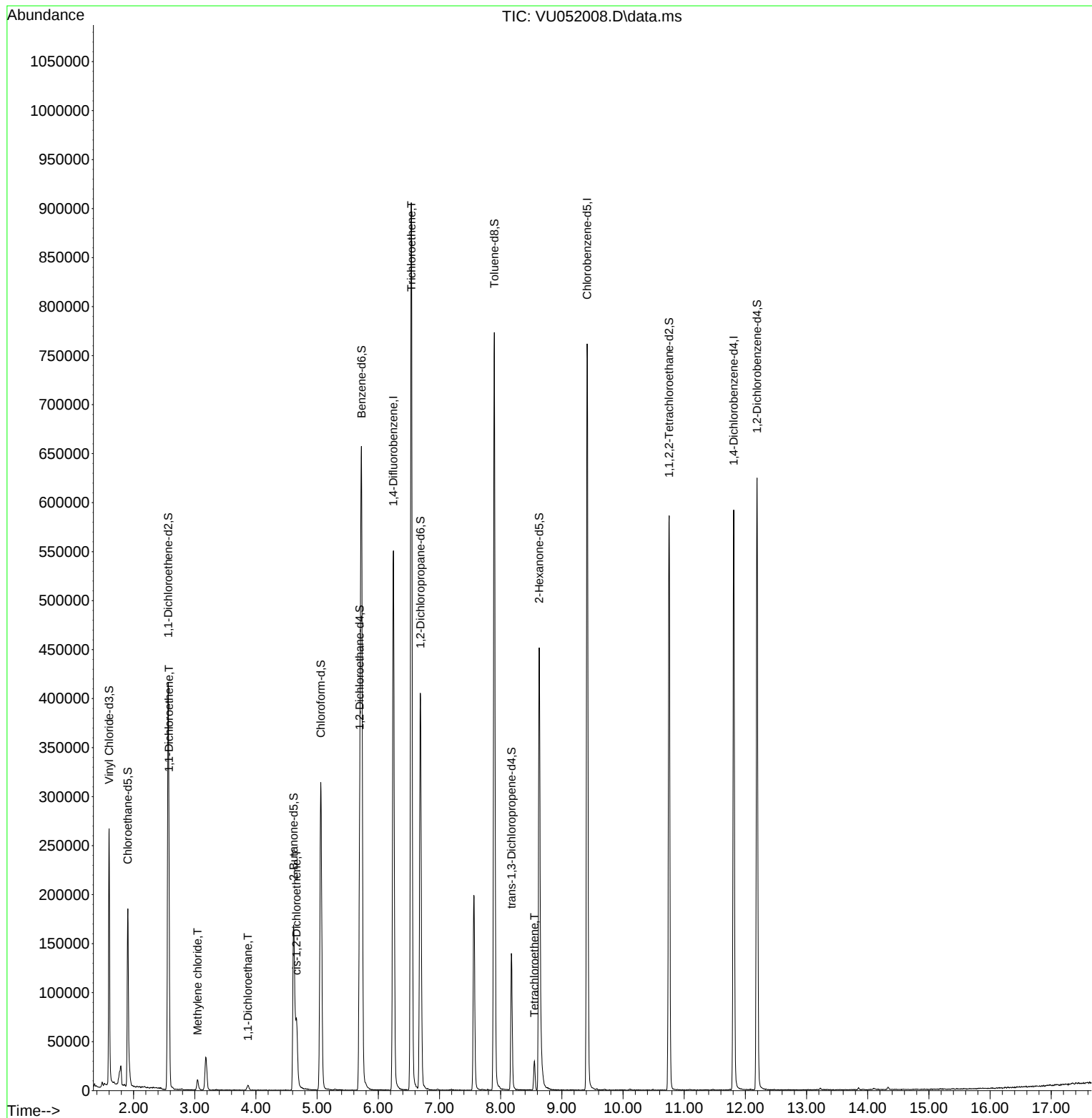
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	461617	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	443239	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	163076	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	190427	47.604	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.200%		
7) Chloroethane-d5	1.906	69	155047	48.941	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.880%		
11) 1,1-Dichloroethene-d2	2.565	63	237707	40.089	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.180%		
21) 2-Butanone-d5	4.617	46	225248	93.703	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	93.700%		
24) Chloroform-d	5.060	84	298769	45.585	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.160%		
26) 1,2-Dichloroethane-d4	5.697	65	187878	47.661	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.320%		
32) Benzene-d6	5.726	84	636020	48.141	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.280%		
36) 1,2-Dichloropropane-d6	6.687	67	210005	49.479	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.960%		
41) Toluene-d8	7.896	98	531271	45.008	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.020%		
43) trans-1,3-Dichloroprop...	8.176	79	79262	43.869	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.740%		
47) 2-Hexanone-d5	8.629	63	155072	93.661	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.660%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	305468	45.492	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.980%		
66) 1,2-Dichlorobenzene-d4	12.192	152	174354	51.702	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.400%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.578	96	37353	13.975	ug/L #	10
16) Methylene chloride	3.044	84	5377	1.321	ug/L	98
19) 1,1-Dichloroethane	3.867	63	6743	1.152	ug/L #	88
20) cis-1,2-Dichloroethene	4.665	96	30895	9.048	ug/L	92
34) Trichloroethene	6.539	95	323216	105.496	ug/L	97
46) Tetrachloroethene	8.552	164	6996	3.027	ug/L	91

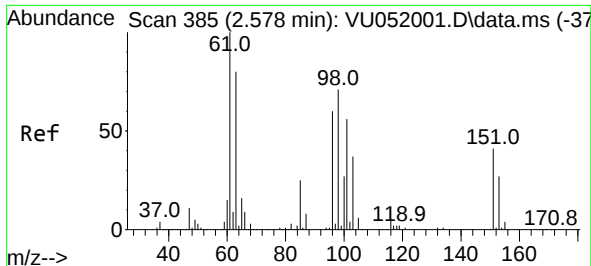
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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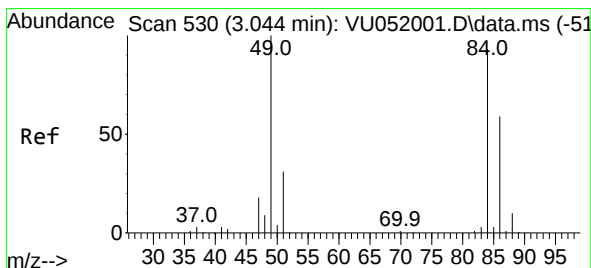
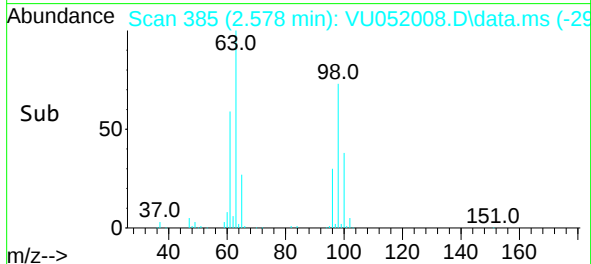
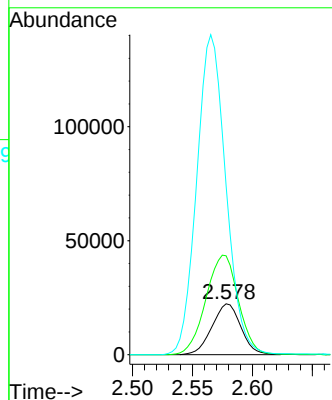
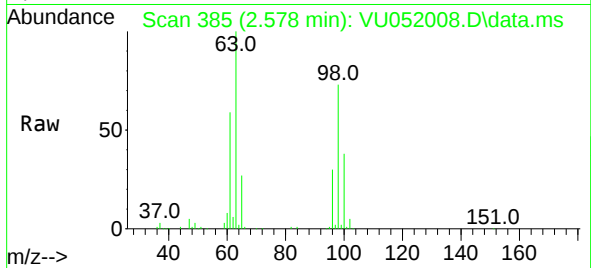




#12
1,1-Dichloroethene
Concen: 13.975 ug/L
RT: 2.578 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU052008.D
Acq: 21 Nov 2022 20:40

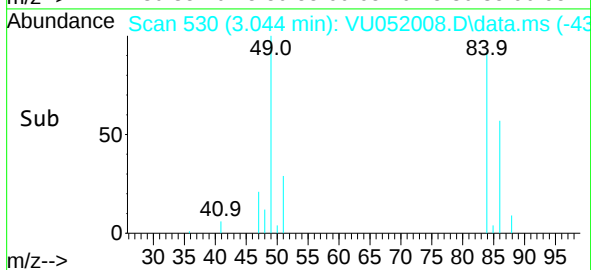
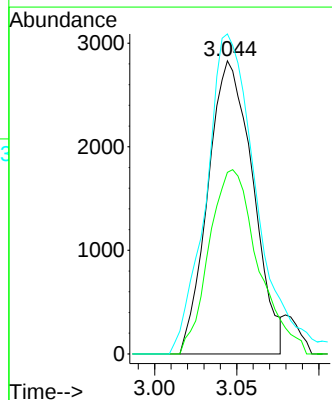
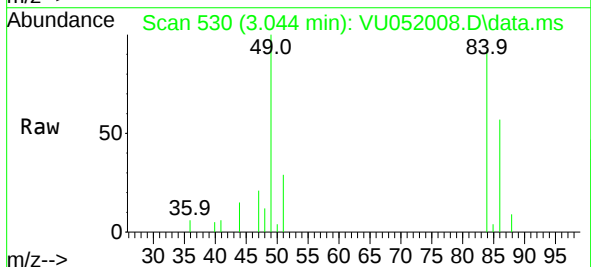
Instrument :
MSVOA_U
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C0KY8DL

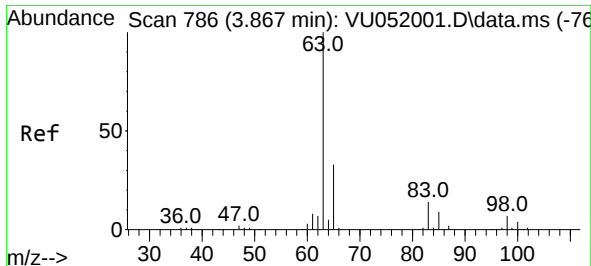
Tgt Ion: 96 Resp: 37353
Ion Ratio Lower Upper
96 100
61 194.3 114.2 212.0
63 331.9 90.9 168.7#



#16
Methylene chloride
Concen: 1.321 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU052008.D
Acq: 21 Nov 2022 20:40

Tgt Ion: 84 Resp: 5377
Ion Ratio Lower Upper
84 100
86 61.9 45.2 84.0
49 109.2 75.9 141.1

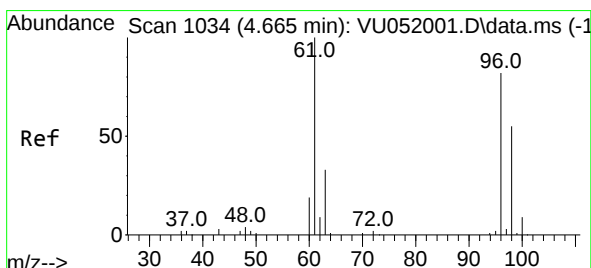
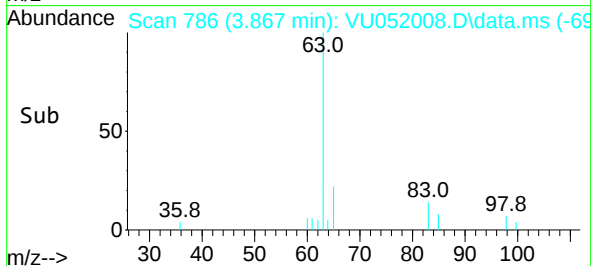
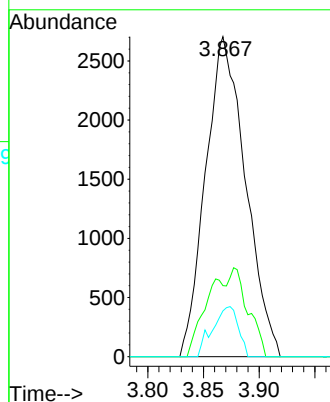
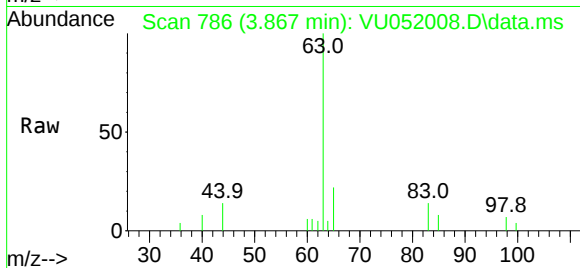




#19
1,1-Dichloroethane
Concen: 1.152 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU052008.D
Acq: 21 Nov 2022 20:40

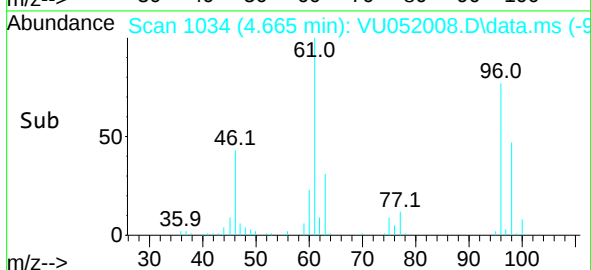
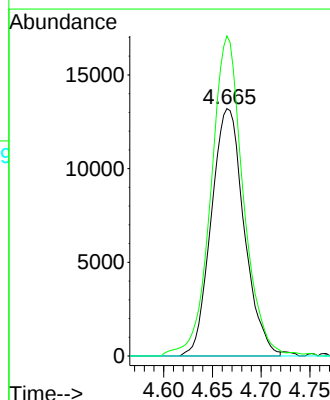
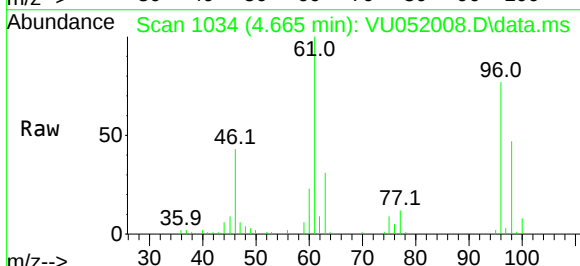
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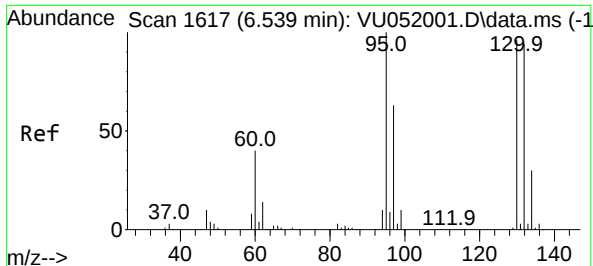
Tgt Ion: 63 Resp: 6743
Ion Ratio Lower Upper
63 100
65 22.2 22.3 41.3#
83 14.3 9.8 18.2



#20
cis-1,2-Dichloroethene
Concen: 9.048 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU052008.D
Acq: 21 Nov 2022 20:40

Tgt Ion: 96 Resp: 30895
Ion Ratio Lower Upper
96 100
61 129.4 84.5 156.9
68 0.0 0.0 0.0

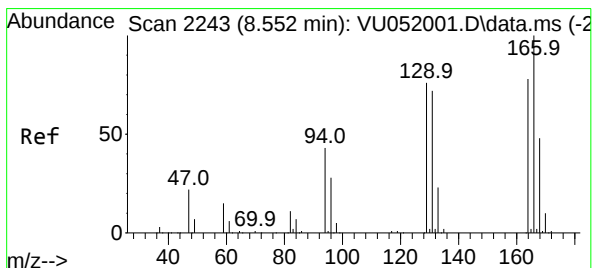
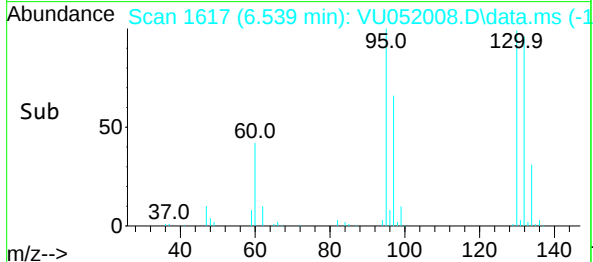
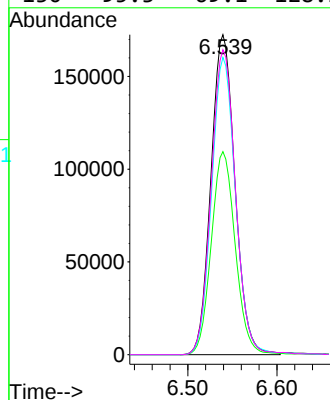
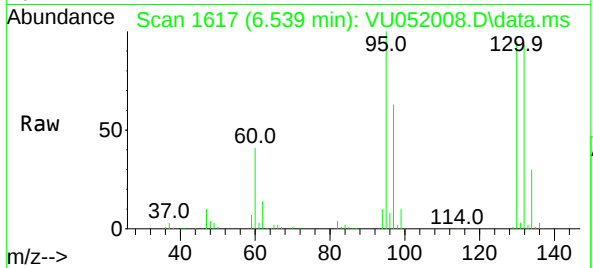




#34
Trichloroethene
Concen: 105.496 ug/L
RT: 6.539 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052008.D
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Tgt Ion: 95 Resp: 323216
Ion Ratio Lower Upper
95 100
97 63.4 45.3 84.1
132 92.9 66.8 124.2
130 95.3 69.1 128.3



#46
Tetrachloroethene
Concen: 3.027 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU052008.D
Acq: 21 Nov 2022 20:40

Tgt Ion: 164 Resp: 6996
Ion Ratio Lower Upper
164 100
129 86.4 67.3 124.9
131 106.1 65.2 121.2
166 122.0 89.9 166.9

