

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111722\
 Data File : VW029098.D
 Acq On : 18 Nov 2022 05:27
 Operator : SY/MD
 Sample : N5648-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46F5

Quant Time: Nov 18 06:04:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 04:35:43 2022
 Response via : Initial Calibration

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

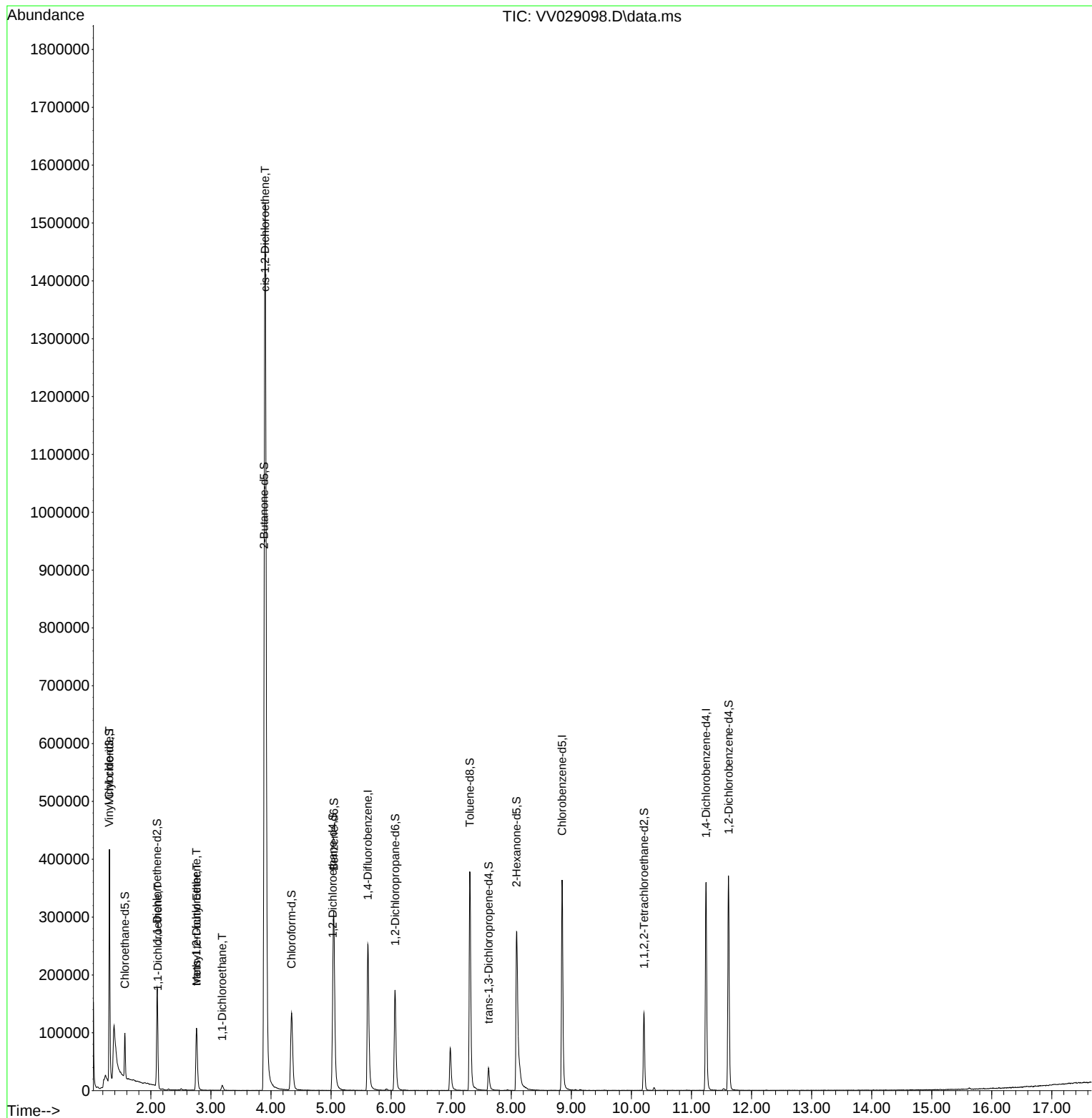
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	246402	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	229031	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	107014	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	56811	3.782	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	75.600%	
7) Chloroethane-d5	1.567	69	49365	3.738	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	74.800%	
11) 1,1-Dichloroethene-d2	2.104	63	83476	3.049	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	61.000%	
20) 2-Butanone-d5	3.886	46	145382	57.815	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	115.640%	
24) Chloroform-d	4.342	84	149120	4.835	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.800%	
26) 1,2-Dichloroethane-d4	5.027	65	69740	5.026	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.600%	
32) Benzene-d6	5.046	84	307705	4.501	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.000%	
36) 1,2-Dichloropropane-d6	6.066	67	89513	4.689	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.800%	
41) Toluene-d8	7.310	98	282351	4.588	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.800%	
43) trans-1,3-Dichloroprop...	7.622	79	26404	4.241	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.800%	
46) 2-Hexanone-d5	8.088	63	119951	45.136	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.280%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	67325	5.087	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.800%	
66) 1,2-Dichlorobenzene-d4	11.619	152	107443	5.612	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	112.200%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	225375	11.590	ug/L	95
12) 1,1-Dichloroethene	2.117	96	3005	0.201	ug/L	# 1
17) Methyl tert-butyl Ether	2.764	73	29874	0.934	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	35609	2.058	ug/L	95
19) 1,1-Dichloroethane	3.188	63	9075	0.321	ug/L	96
22) cis-1,2-Dichloroethene	3.902	96	917628	52.174	ug/L	94

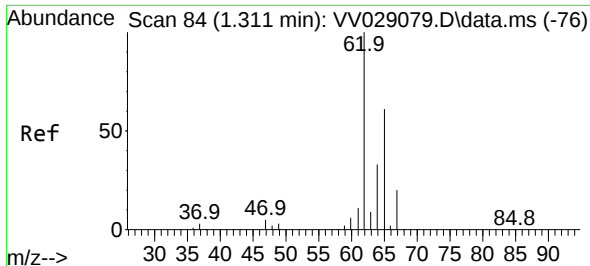
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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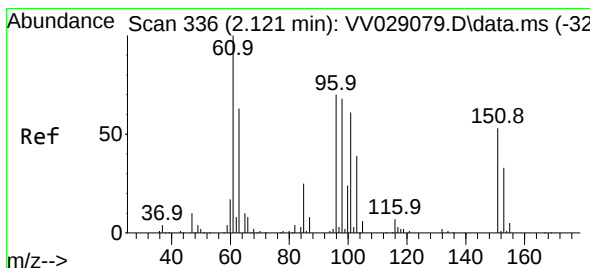
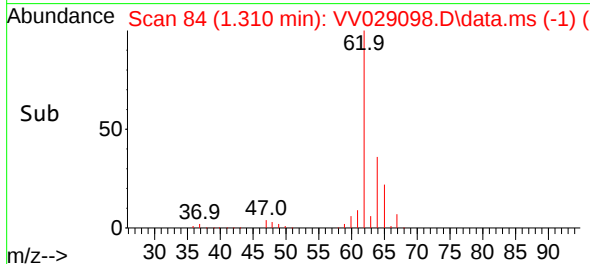
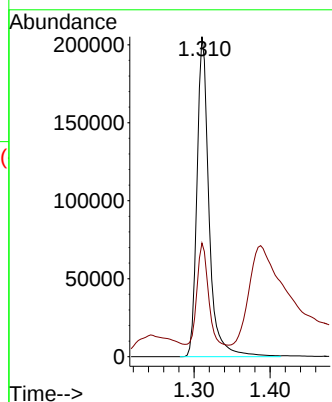
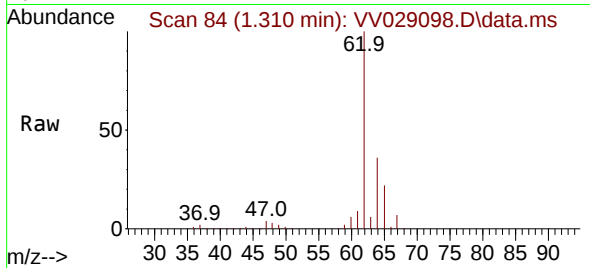




#5
 Vinyl chloride
 Concen: 11.590 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV029098.D
 Acq: 18 Nov 2022 05:27

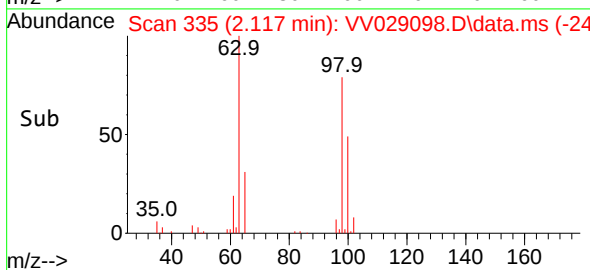
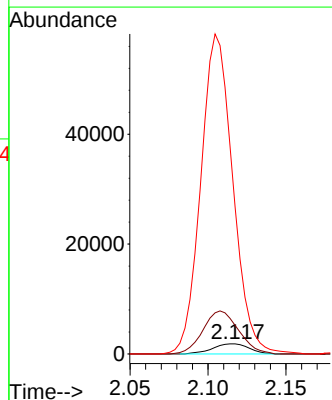
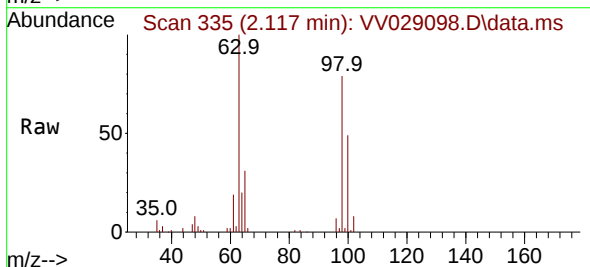
Instrument :
 MSVOA_V
 ClientSampleId :
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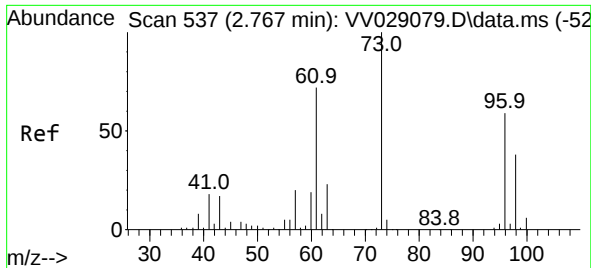
Tgt Ion: 62 Resp: 225375
 Ion Ratio Lower Upper
 62 100
 64 35.5 22.8 42.4



#12
 1,1-Dichloroethene
 Concen: 0.201 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV029098.D
 Acq: 18 Nov 2022 05:27

Tgt Ion: 96 Resp: 3005
 Ion Ratio Lower Upper
 96 100
 61 285.0 104.2 193.4#
 63 1465.3 75.9 140.9#

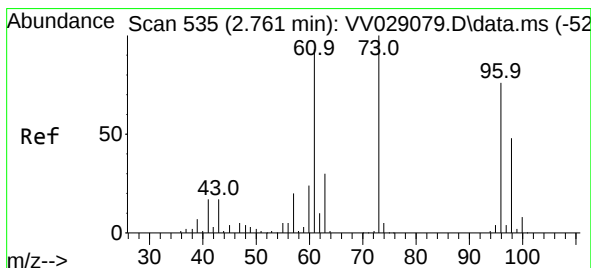
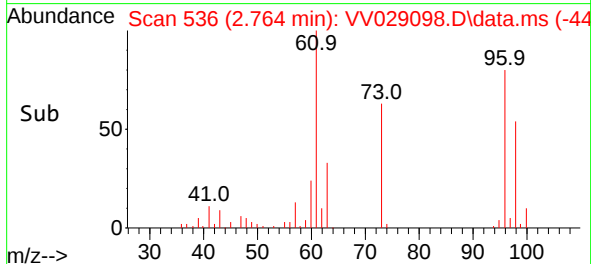
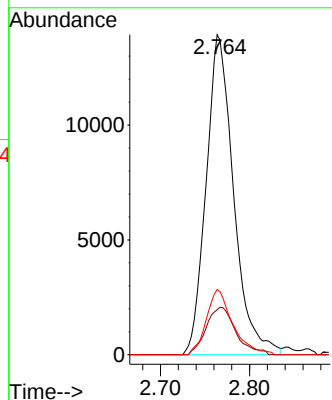
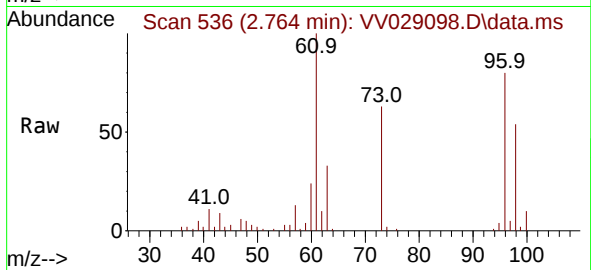




#17
Methyl tert-butyl Ether
Concen: 0.934 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV029098.D
Acq: 18 Nov 2022 05:27

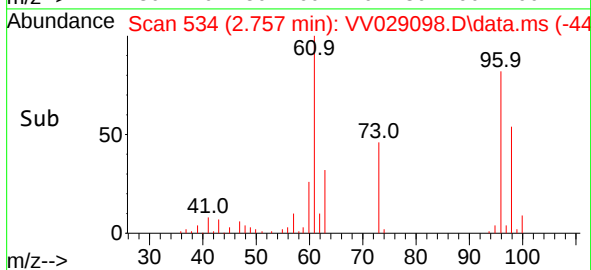
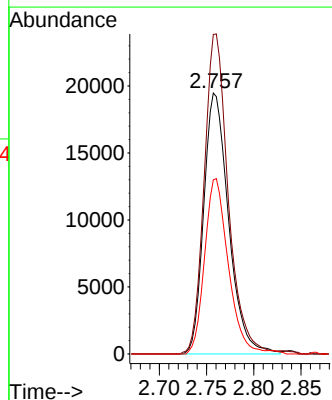
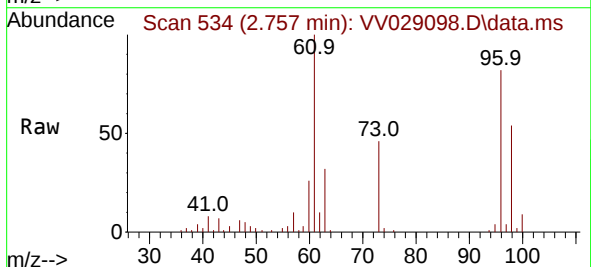
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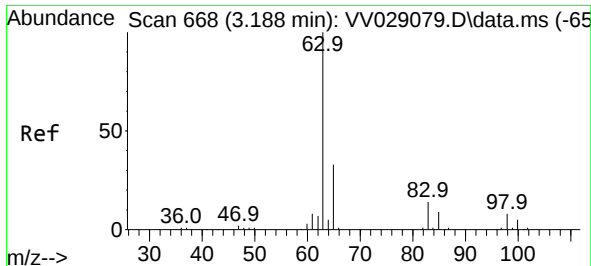
Tgt Ion: 73	Resp: 29874
Ion Ratio	Lower Upper
73 100	
43 15.9	13.0 19.4
57 19.5	16.6 24.8



#18
trans-1,2-Dichloroethene
Concen: 2.058 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV029098.D
Acq: 18 Nov 2022 05:27

Tgt Ion: 96	Resp: 35609
Ion Ratio	Lower Upper
96 100	
61 122.4	91.8 170.6
98 66.7	46.4 86.2





#19

1,1-Dichloroethane

Concen: 0.321 ug/L

RT: 3.188 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV029098.D

Acq: 18 Nov 2022 05:27

Instrument :

MSVOA_V

ClientSampleId :

H46F5

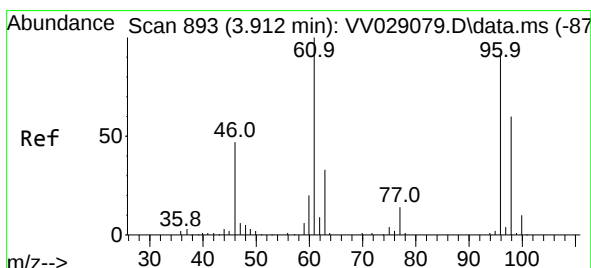
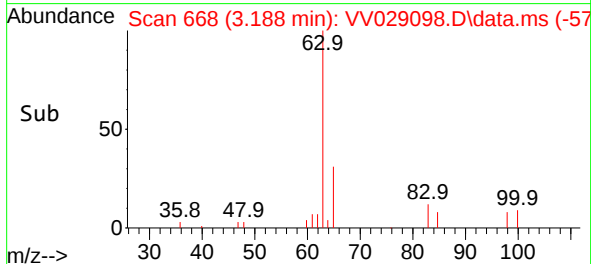
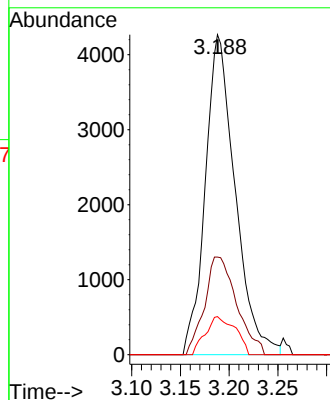
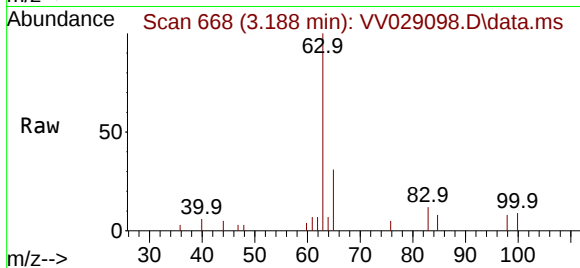
Tgt Ion: 63 Resp: 9075

Ion Ratio Lower Upper

63 100

65 30.5 23.0 42.6

83 11.9 9.4 17.6



#22

cis-1,2-Dichloroethene

Concen: 52.174 ug/L

RT: 3.902 min Scan# 890

Delta R.T. -0.010 min

Lab File: VV029098.D

Acq: 18 Nov 2022 05:27

Tgt Ion: 96 Resp: 917628

Ion Ratio Lower Upper

96 100

61 111.4 82.3 152.9

68 0.0 0.0 0.0

