

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070722\
 Data File : VV026679.D
 Acq On : 07 Jul 2022 16:07
 Operator : SY/MD
 Sample : N3601-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUA8

Quant Time: Jul 08 03:02:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 08 02:58:15 2022
 Response via : Initial Calibration

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

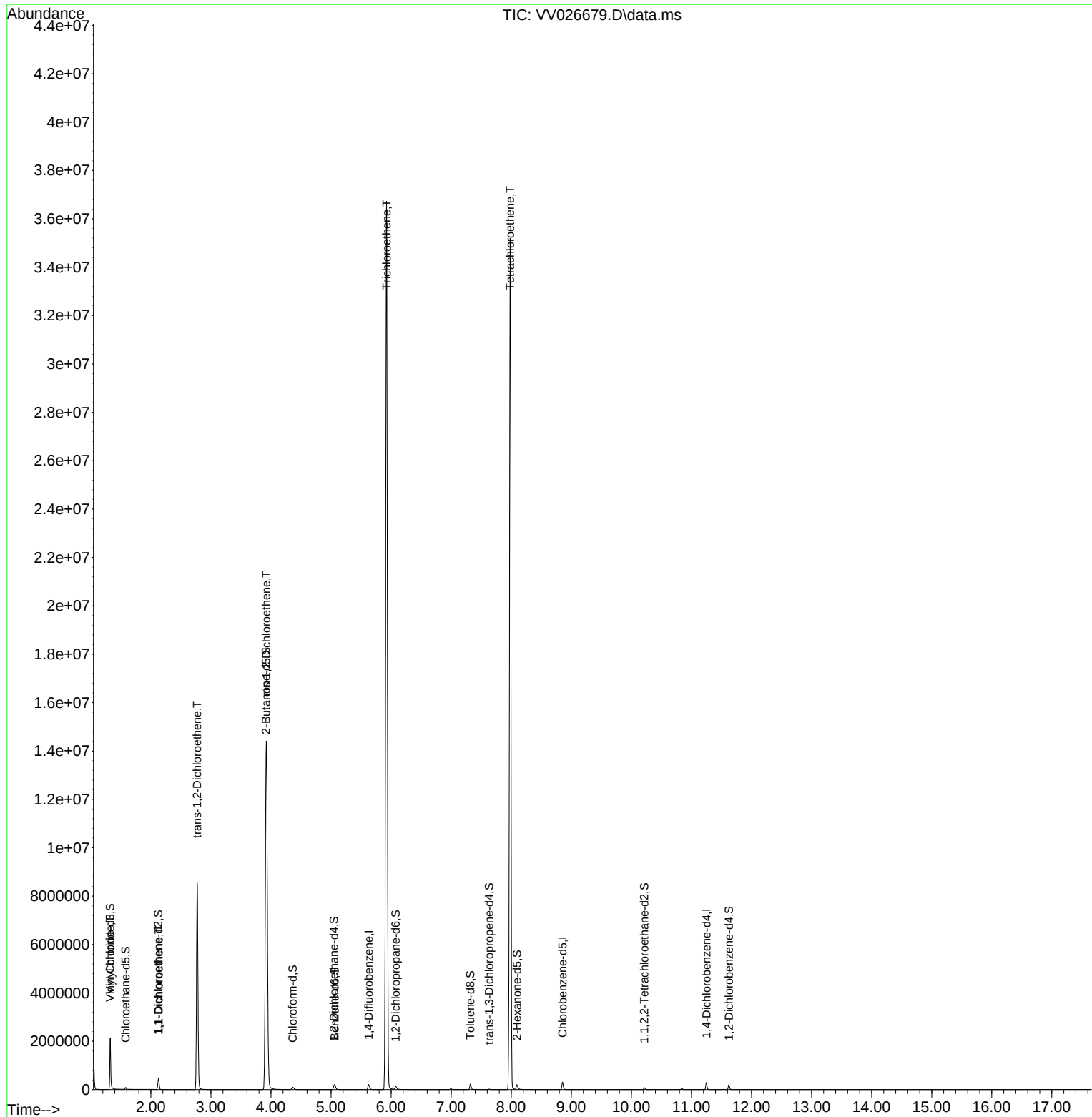
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	192485	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	182138	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	79288	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	67771	4.378	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	87.600%	
7) Chloroethane-d5	1.580	69	50914	4.094	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	81.800%	
11) 1,1-Dichloroethene-d2	2.124	63	138377	5.031	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	100.600%	
20) 2-Butanone-d5	3.915	46	89491	58.148	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	116.300%	
24) Chloroform-d	4.362	84	103203	4.078	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.600%	
26) 1,2-Dichloroethane-d4	5.047	65	42829	4.394	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.800%	
32) Benzene-d6	5.059	84	204909	3.917	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.400%	
36) 1,2-Dichloropropane-d6	6.079	67	62280	4.329	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	86.600%	
41) Toluene-d8	7.320	98	158639	3.372	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	67.400%#	
43) trans-1,3-Dichloroprop...	7.632	79	13915	3.742	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	74.800%	
46) 2-Hexanone-d5	8.095	63	70805	49.989	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	99.980%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39267	4.172	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	83.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	54286	4.137	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	82.800%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.323	62	1420643	83.239	ug/L	93
12) 1,1-Dichloroethene	2.130	96	112784	8.675	ug/L	84
18) trans-1,2-Dichloroethene	2.770	96	3362813	253.534	ug/L	96
22) cis-1,2-Dichloroethene	3.921	96	8535949	648.088	ug/L	96
34) Trichloroethene	5.924	95	13002198	929.991	ug/L	97
47) Tetrachloroethene	7.982	164	7910074	710.622	ug/L	96

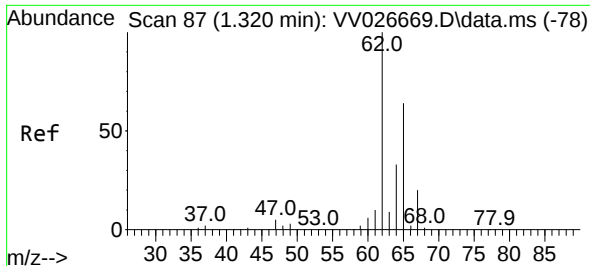
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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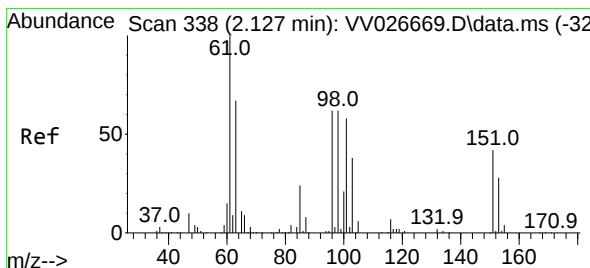
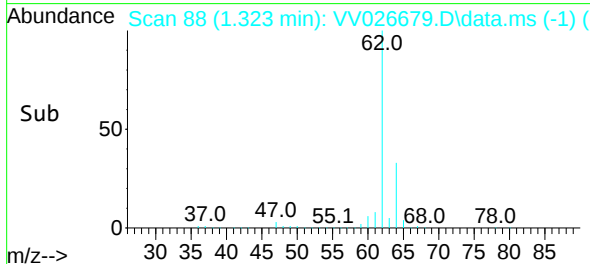
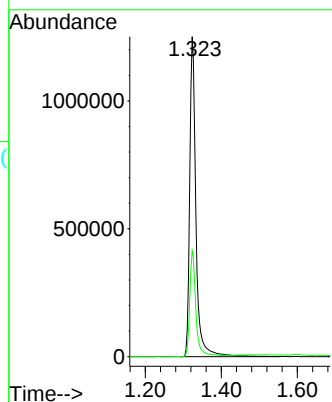
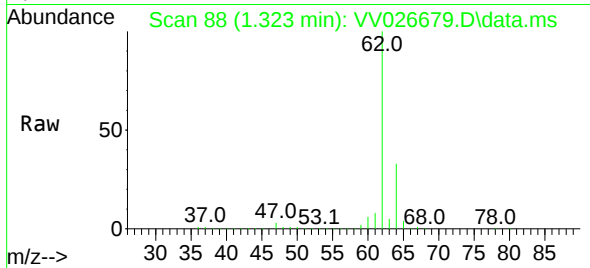




#5
 Vinyl chloride
 Concen: 83.239 ug/L
 RT: 1.323 min Scan# 87
 Delta R.T. 0.003 min
 Lab File: VV026679.D
 Acq: 07 Jul 2022 16:07

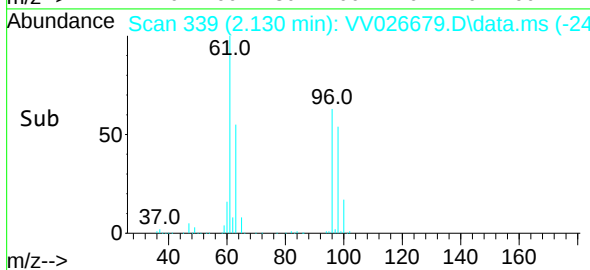
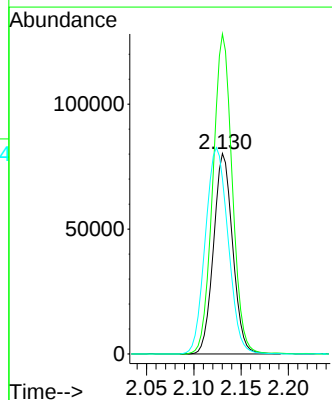
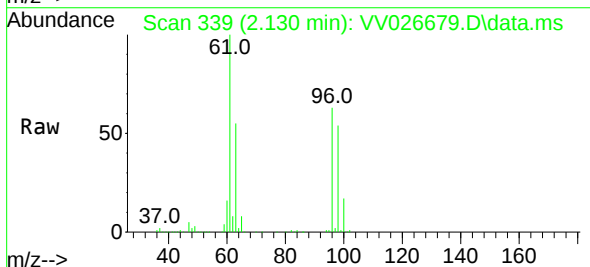
Instrument :
 MSVOA_V
 ClientSampleId :
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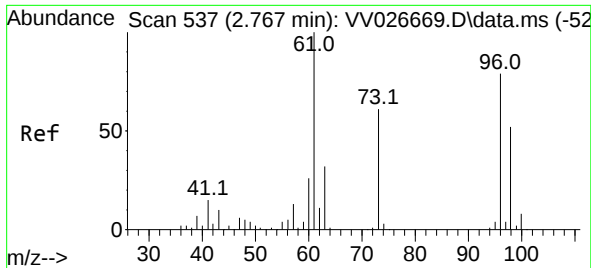
Tgt Ion: 62 Resp: 1420643
 Ion Ratio Lower Upper
 62 100
 64 33.1 26.2 48.6



#12
 1,1-Dichloroethene
 Concen: 8.675 ug/L
 RT: 2.130 min Scan# 339
 Delta R.T. 0.003 min
 Lab File: VV026679.D
 Acq: 07 Jul 2022 16:07

Tgt Ion: 96 Resp: 112784
 Ion Ratio Lower Upper
 96 100
 61 159.6 115.4 214.4
 63 87.5 87.4 162.2

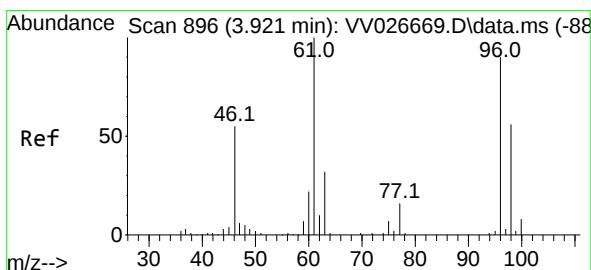
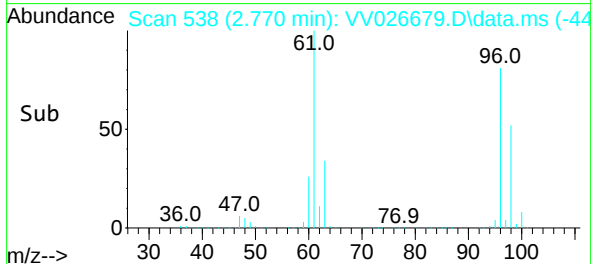
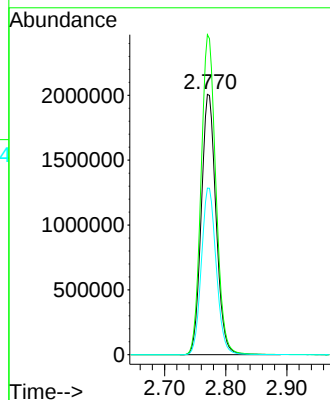
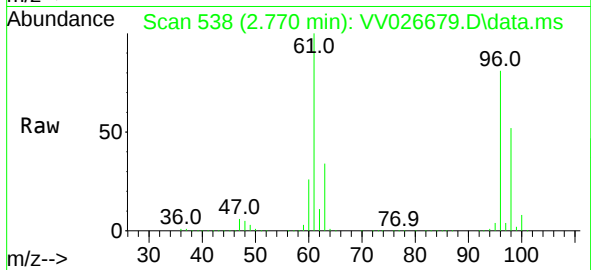




#18
trans-1,2-Dichloroethene
Concen: 253.534 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV026679.D
Acq: 07 Jul 2022 16:07

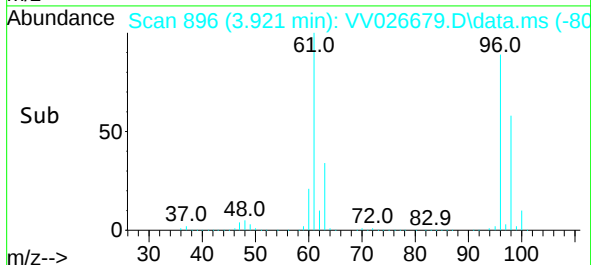
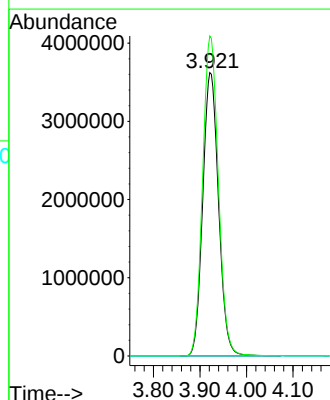
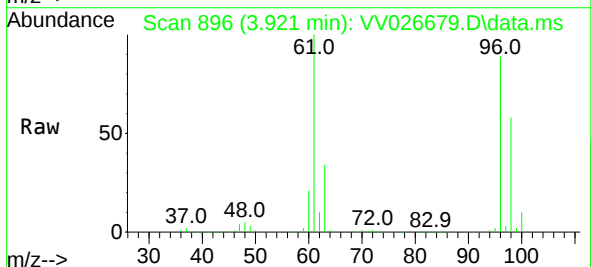
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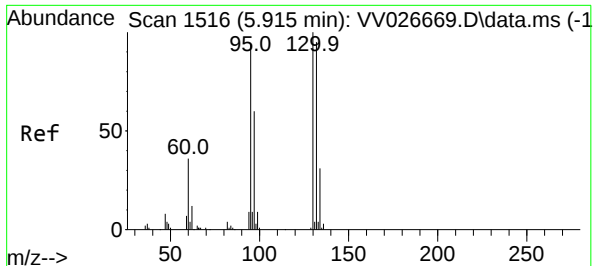
Tgt Ion: 96 Resp: 3362813
Ion Ratio Lower Upper
96 100
61 122.9 90.4 167.8
98 64.0 45.6 84.8



#22
cis-1,2-Dichloroethene
Concen: 648.088 ug/L
RT: 3.921 min Scan# 896
Delta R.T. -0.000 min
Lab File: VV026679.D
Acq: 07 Jul 2022 16:07

Tgt Ion: 96 Resp: 8535949
Ion Ratio Lower Upper
96 100
61 112.9 82.0 152.2
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 929.991 ug/L

RT: 5.924 min Scan# 1519

Delta R.T. 0.009 min

Lab File: VV026679.D

Acq: 07 Jul 2022 16:07

Instrument :

MSVOA_V

ClientSampleId :

DBUA8

Tgt Ion: 95 Resp:13002198

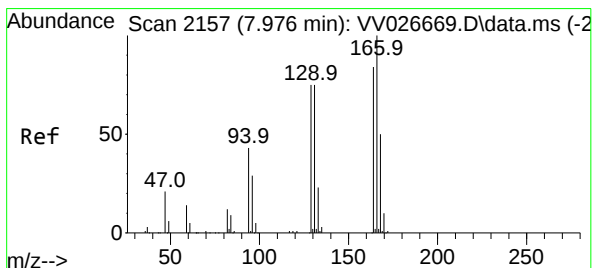
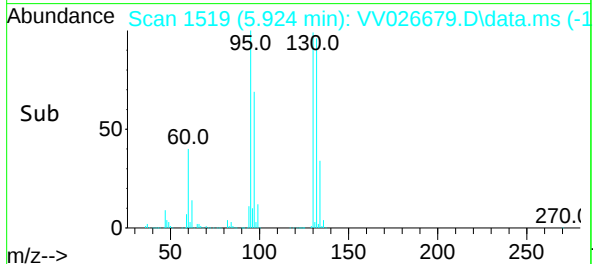
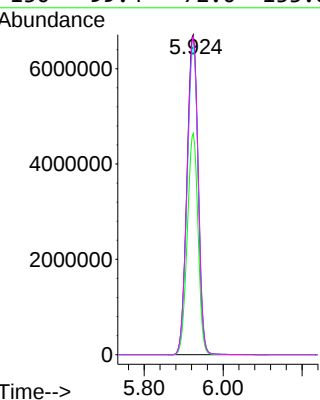
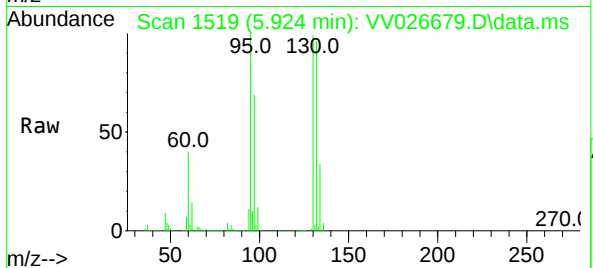
Ion Ratio Lower Upper

95 100

97 69.1 46.8 87.0

132 96.3 69.9 129.7

130 99.4 72.0 133.8



#47

Tetrachloroethene

Concen: 710.622 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.006 min

Lab File: VV026679.D

Acq: 07 Jul 2022 16:07

Tgt Ion:164 Resp: 7910074

Ion Ratio Lower Upper

164 100

129 98.8 66.4 123.2

131 96.1 64.4 119.6

166 122.9 88.1 163.7

