

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070822\
 Data File : VW026691.D
 Acq On : 08 Jul 2022 12:43
 Operator : SY/MD
 Sample : N3601-03DL 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUA4DL

Quant Time: Jul 08 23:55:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 08 23:50:05 2022
 Response via : Initial Calibration

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

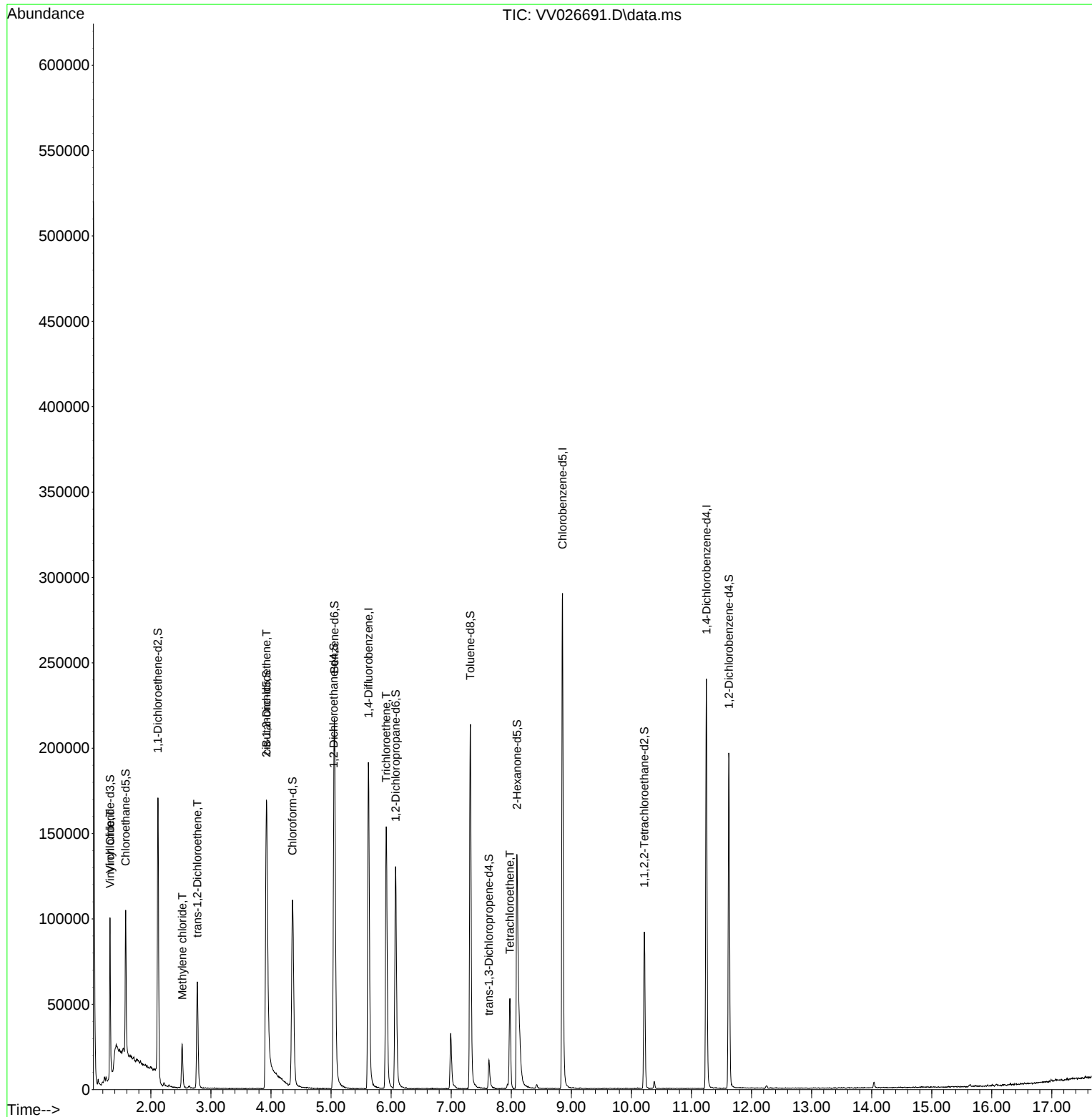
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	177737	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	171841	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	66726	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	58948	4.124	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	82.400%	
7) Chloroethane-d5	1.580	69	55210	4.808	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.200%	
11) 1,1-Dichloroethene-d2	2.117	63	85680	3.373	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	67.400%	
20) 2-Butanone-d5	3.928	46	54497	38.349	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	76.700%	
24) Chloroform-d	4.358	84	120774	5.169	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.400%	
26) 1,2-Dichloroethane-d4	5.043	65	46749	5.194	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.800%	
32) Benzene-d6	5.056	84	208111	4.216	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.400%	
36) 1,2-Dichloropropane-d6	6.075	67	67666	4.985	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.800%	
41) Toluene-d8	7.320	98	154028	3.470	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	69.400%#	
43) trans-1,3-Dichloroprop...	7.628	79	11720	3.341	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	66.800%	
46) 2-Hexanone-d5	8.095	63	57238	42.832	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	85.660%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	48024	5.409	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	108.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	54311	4.918	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.400%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.323	62	6448	0.409	ug/L	# 35
16) Methylene chloride	2.523	84	11730	0.920	ug/L	95
18) trans-1,2-Dichloroethene	2.773	96	25871	2.112	ug/L	91
22) cis-1,2-Dichloroethene	3.924	96	90709	7.458	ug/L	94
34) Trichloroethene	5.918	95	55274	4.190	ug/L	96
47) Tetrachloroethene	7.979	164	13366	1.273	ug/L	95

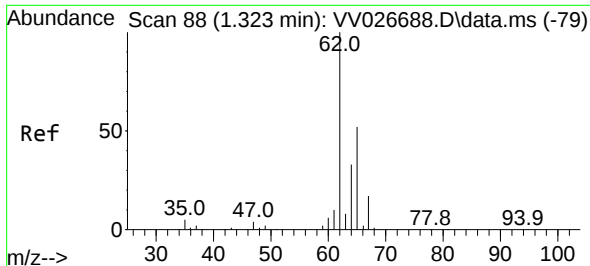
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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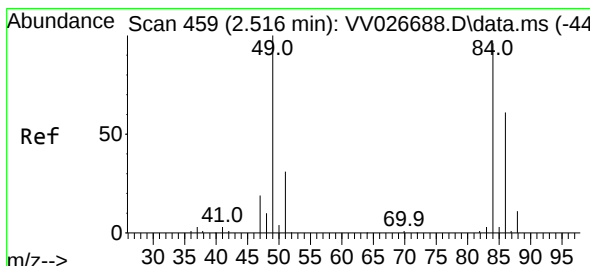
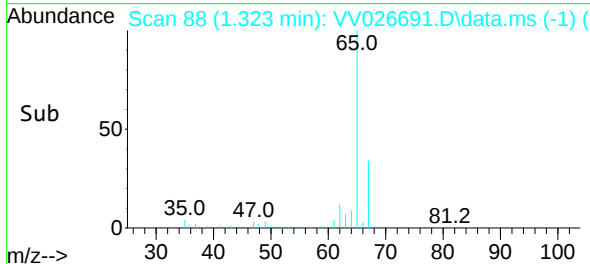
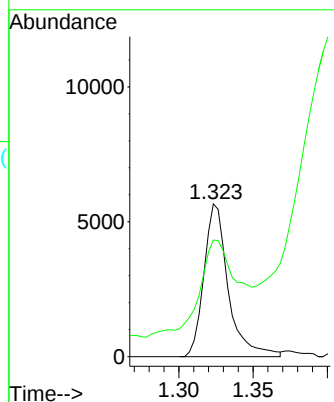
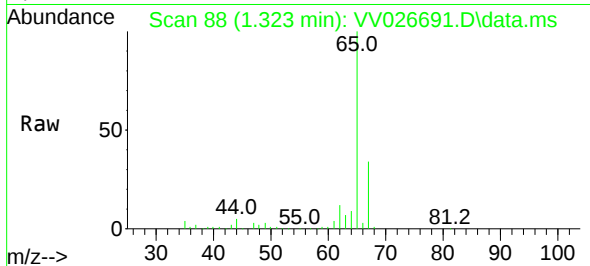




#5
 Vinyl chloride
 Concen: 0.409 ug/L
 RT: 1.323 min Scan# 88
 Delta R.T. 0.000 min
 Lab File: VV026691.D
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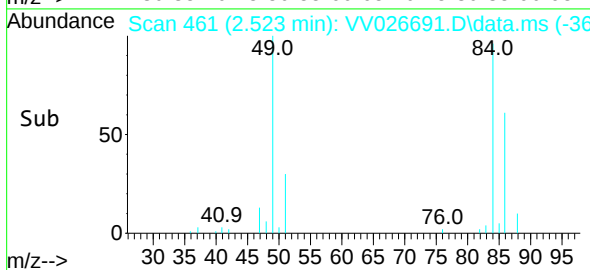
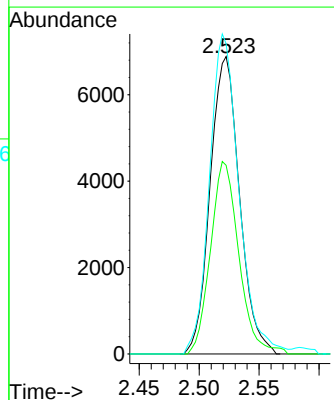
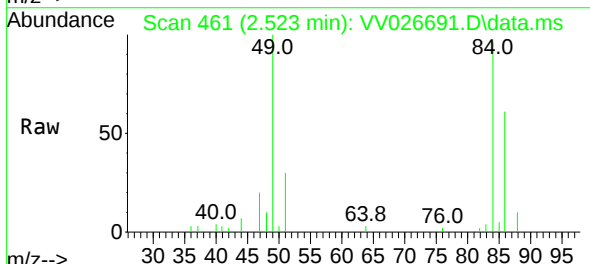
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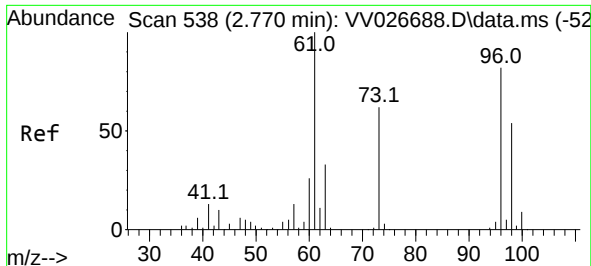
Tgt Ion: 62 Resp: 6448
 Ion Ratio Lower Upper
 62 100
 64 76.3 26.2 48.6#



#16
 Methylene chloride
 Concen: 0.920 ug/L
 RT: 2.523 min Scan# 461
 Delta R.T. 0.006 min
 Lab File: VV026691.D
 Acq: 08 Jul 2022 12:43

Tgt Ion: 84 Resp: 11730
 Ion Ratio Lower Upper
 84 100
 86 63.4 46.0 85.4
 49 104.3 77.7 144.3

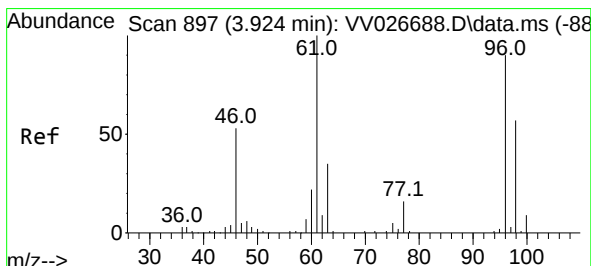
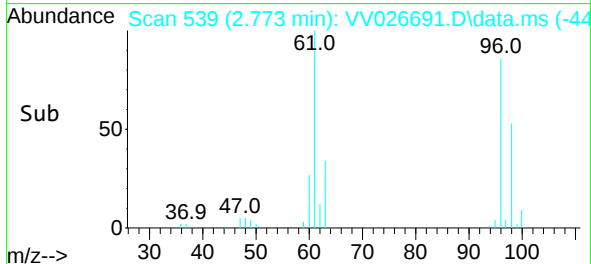
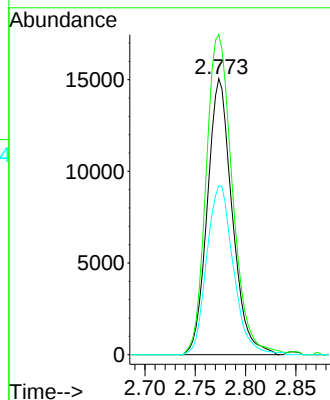
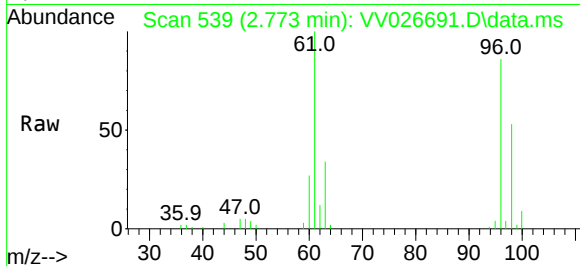




#18
trans-1,2-Dichloroethene
Concen: 2.112 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV026691.D
Acq: 08 Jul 2022 12:43

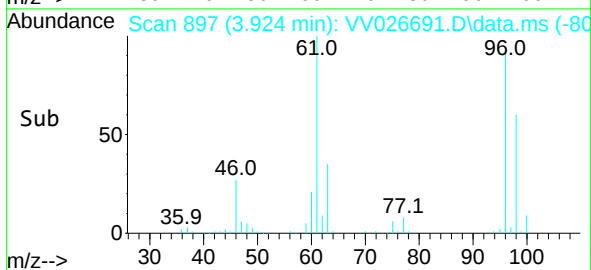
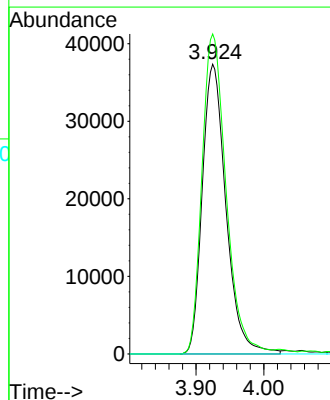
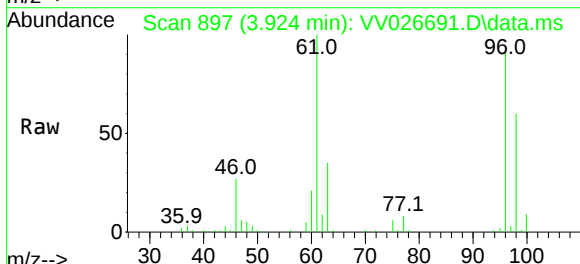
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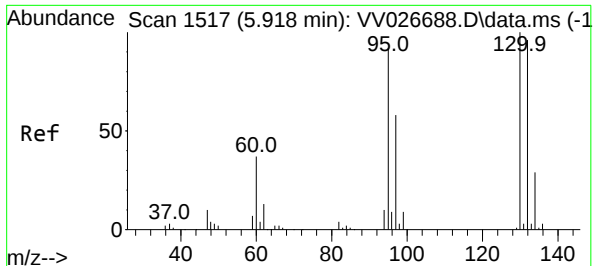
Tgt Ion: 96 Resp: 25871
Ion Ratio Lower Upper
96 100
61 115.9 90.4 167.8
98 61.2 45.6 84.8



#22
cis-1,2-Dichloroethene
Concen: 7.458 ug/L
RT: 3.924 min Scan# 897
Delta R.T. 0.000 min
Lab File: VV026691.D
Acq: 08 Jul 2022 12:43

Tgt Ion: 96 Resp: 90709
Ion Ratio Lower Upper
96 100
61 110.4 82.0 152.2
68 0.0 0.0 0.0



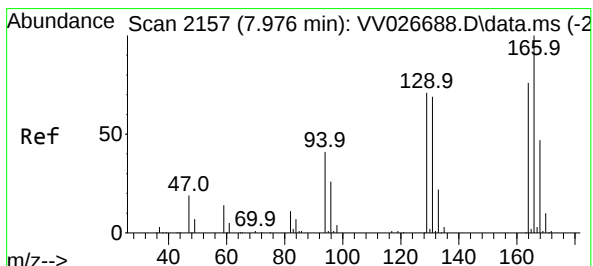
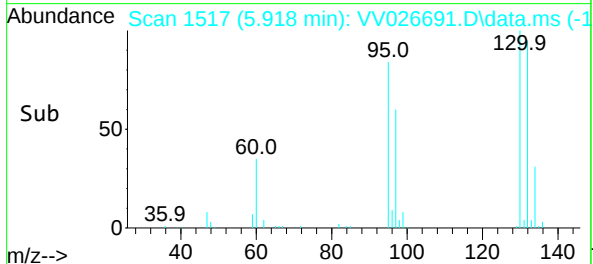
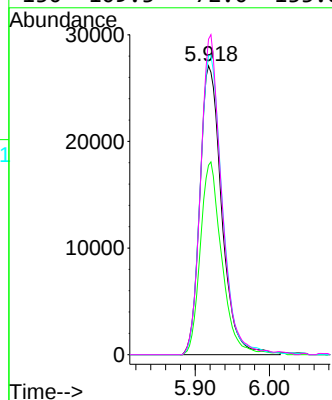
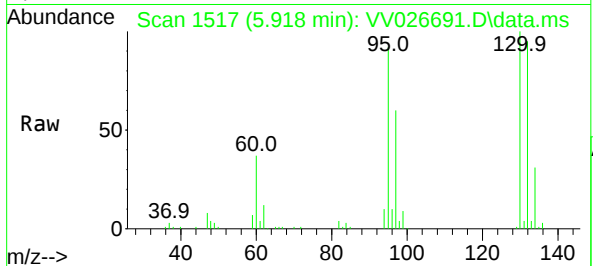


#34
 Trichloroethene
 Concen: 4.190 ug/L
 RT: 5.918 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VV026691.D
 Acq: 08 Jul 2022 12:43

Instrument :
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Tgt Ion: 95 Resp: 55274

Ion	Ratio	Lower	Upper
95	100		
97	65.6	46.8	87.0
132	103.5	69.9	129.7
130	109.3	72.0	133.8



#47
 Tetrachloroethene
 Concen: 1.273 ug/L
 RT: 7.979 min Scan# 2158
 Delta R.T. 0.003 min
 Lab File: VV026691.D
 Acq: 08 Jul 2022 12:43

Tgt Ion: 164 Resp: 13366

Ion	Ratio	Lower	Upper
164	100		
129	85.4	66.4	123.2
131	93.1	64.4	119.6
166	119.7	88.1	163.7

