

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031423\
 Data File : VV030200.D
 Acq On : 14 Mar 2023 17:09
 Operator : SY/MD
 Sample : 01906-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COM98

Quant Time: Mar 15 01:40:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 15 01:37:04 2023
 Response via : Initial Calibration

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

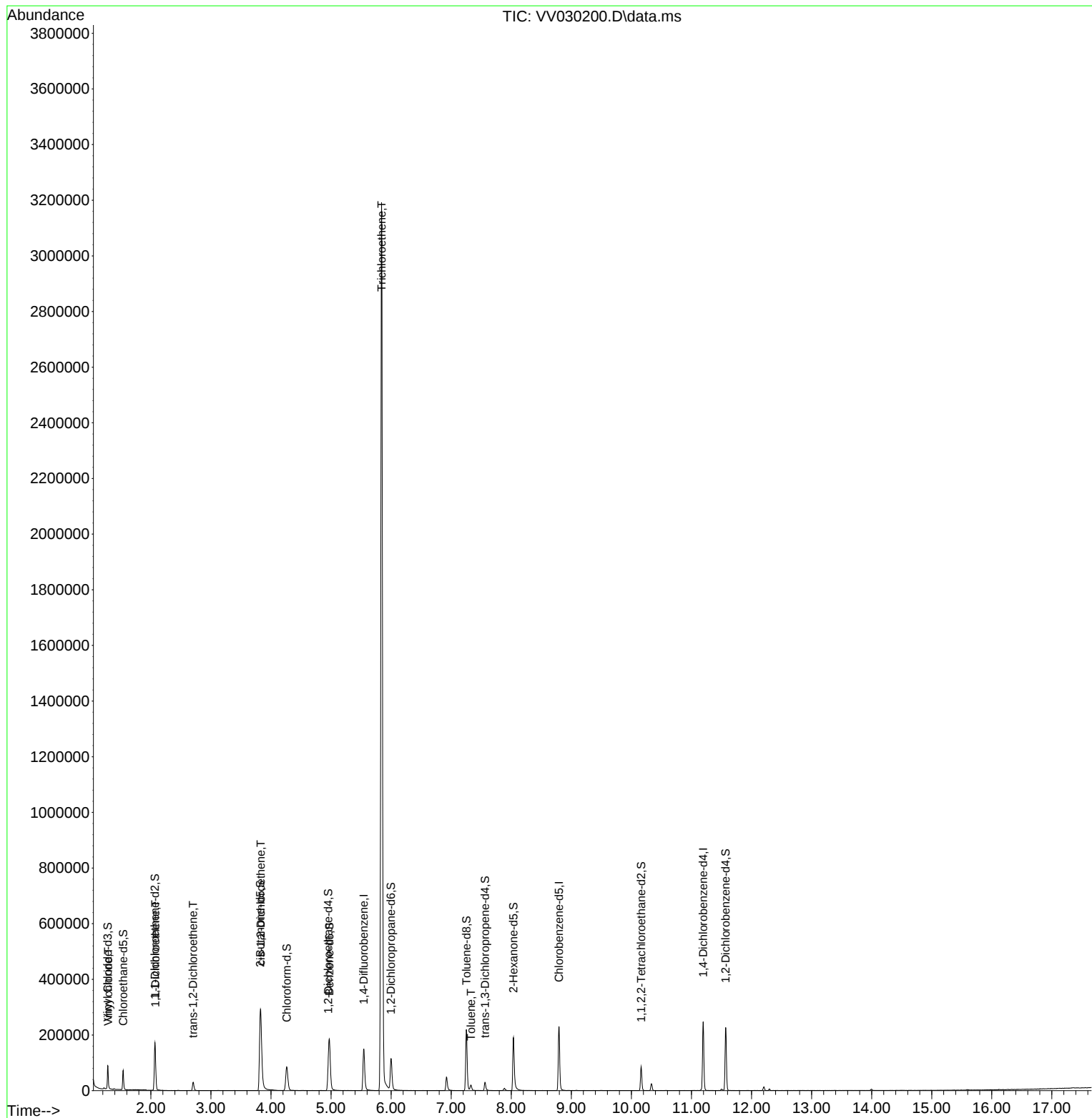
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	135967	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.796	117	136878	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	69721	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	51588	5.864	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 117.200%		
7) Chloroethane-d5	1.539	69	45772	5.542	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 110.800%		
11) 1,1-Dichloroethene-d2	2.066	63	83650	4.625	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 92.400%		
20) 2-Butanone-d5	3.822	46	86305	53.208	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	= 106.420%		
24) Chloroform-d	4.262	84	98185	5.463	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 109.200%		
26) 1,2-Dichloroethane-d4	4.953	65	42227	5.756	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 115.200%		
32) Benzene-d6	4.973	84	184176	5.001	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 100.000%		
36) 1,2-Dichloropropane-d6	5.998	67	59403	5.361	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 107.200%		
41) Toluene-d8	7.252	98	156998	4.497	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 90.000%		
43) trans-1,3-Dichloroprop...	7.564	79	19490	5.141	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 102.800%		
46) 2-Hexanone-d5	8.037	63	72943	46.510	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 93.020%		
56) 1,1,2,2-Tetrachloroeth...	10.162	84	41949	5.322	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 106.400%		
66) 1,2-Dichlorobenzene-d4	11.570	152	63304	5.366	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 107.400%		
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.288	62	6651	0.574	ug/L	84
12) 1,1-Dichloroethene	2.076	96	17181	1.883	ug/L	# 18
18) trans-1,2-Dichloroethene	2.703	96	12399	1.428	ug/L	98
22) cis-1,2-Dichloroethene	3.828	96	154030	16.054	ug/L	99
34) Trichloroethene	5.841	95	1134427	108.301	ug/L	99
42) Toluene	7.329	91	14755	0.364	ug/L	99

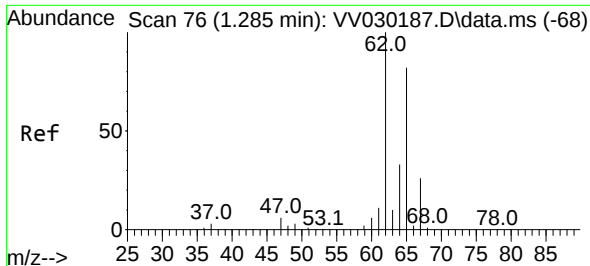
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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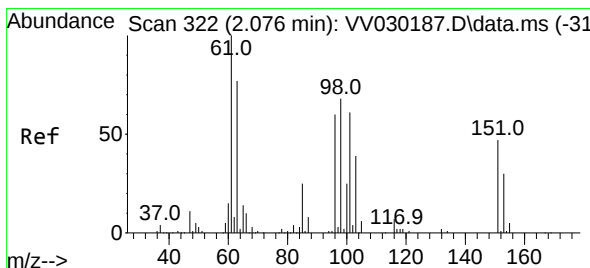
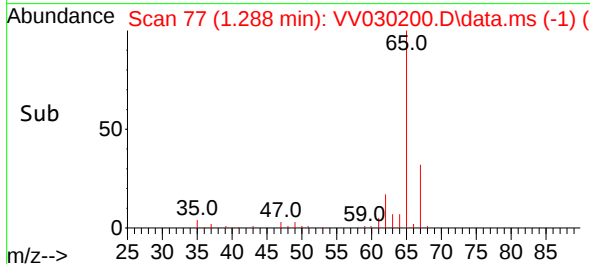
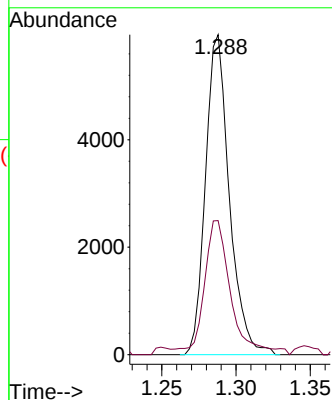
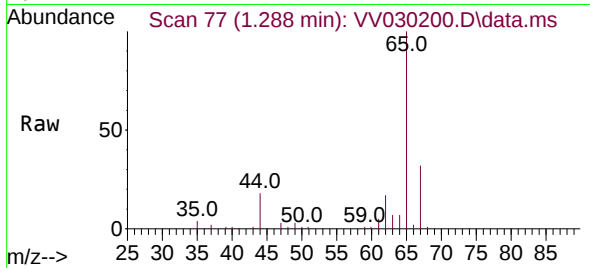




#5
 Vinyl chloride
 Concen: 0.574 ug/L
 RT: 1.288 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VV030200.D
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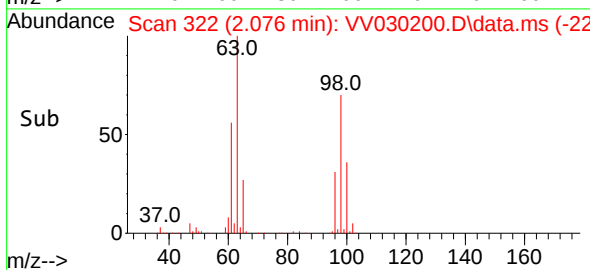
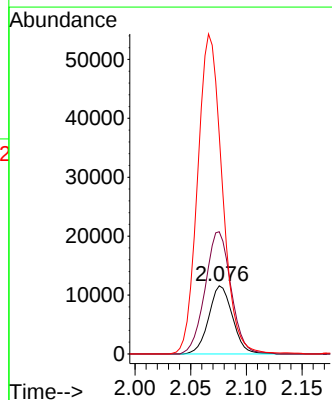
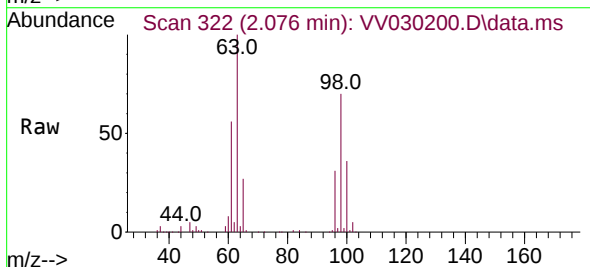
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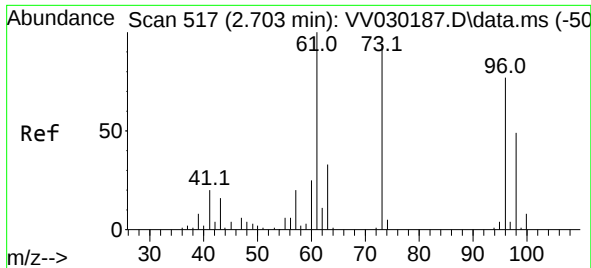
Tgt Ion: 62 Resp: 6651
 Ion Ratio Lower Upper
 62 100
 64 41.9 23.1 42.9



#12
 1,1-Dichloroethene
 Concen: 1.883 ug/L
 RT: 2.076 min Scan# 322
 Delta R.T. -0.000 min
 Lab File: VV030200.D
 Acq: 14 Mar 2023 17:09

Tgt Ion: 96 Resp: 17181
 Ion Ratio Lower Upper
 96 100
 61 179.3 115.6 214.6
 63 321.8 85.6 159.0#

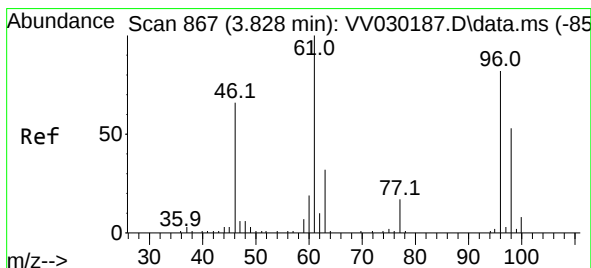
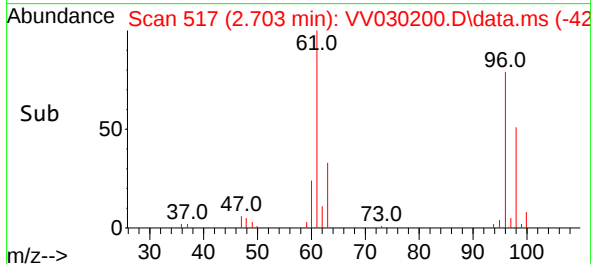
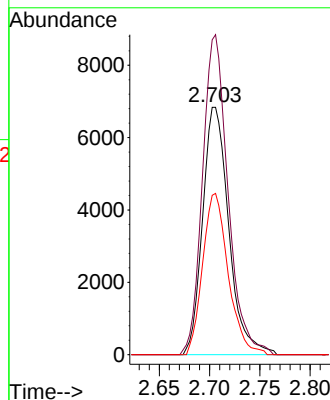
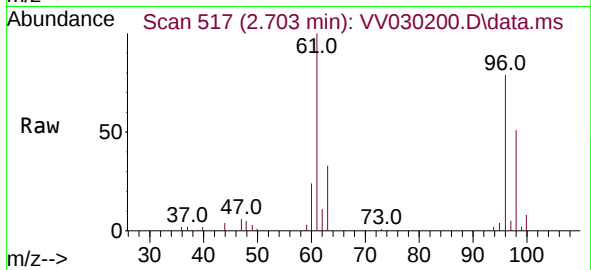




#18
trans-1,2-Dichloroethene
Concen: 1.428 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV030200.D
Acq: 14 Mar 2023 17:09

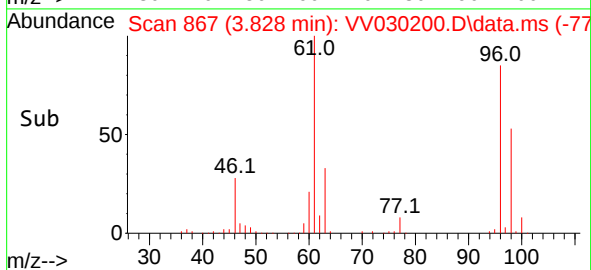
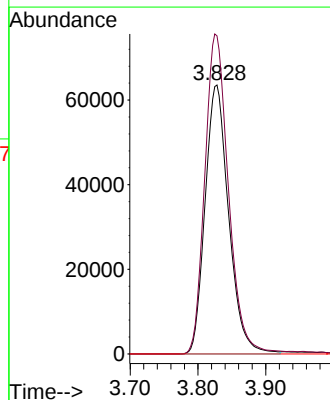
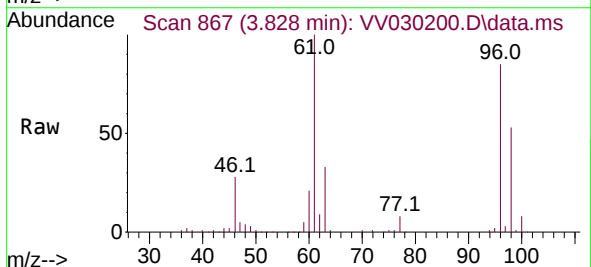
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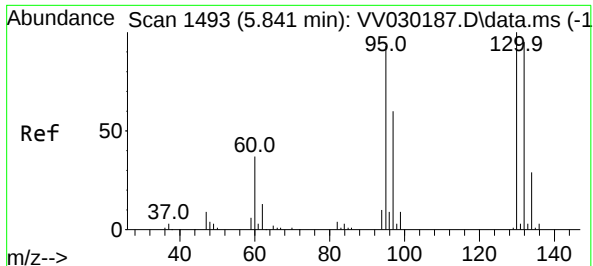
Tgt Ion: 96 Resp: 12399
Ion Ratio Lower Upper
96 100
61 127.3 91.0 169.0
98 64.4 45.2 84.0



#22
cis-1,2-Dichloroethene
Concen: 16.054 ug/L
RT: 3.828 min Scan# 867
Delta R.T. -0.000 min
Lab File: VV030200.D
Acq: 14 Mar 2023 17:09

Tgt Ion: 96 Resp: 154030
Ion Ratio Lower Upper
96 100
61 118.3 83.4 154.8
68 0.0 0.0 0.0



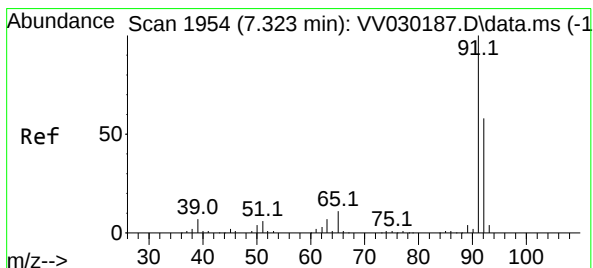
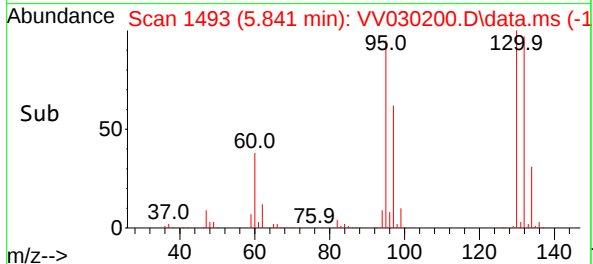
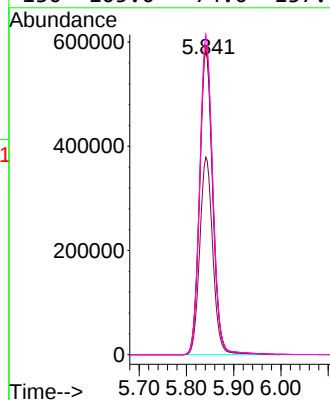
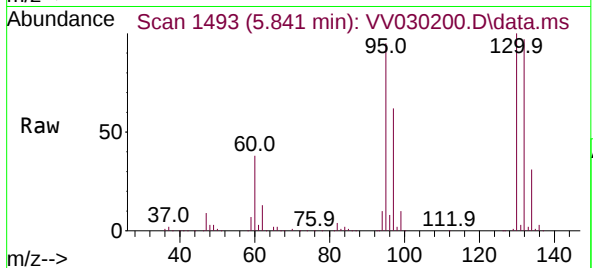


#34
Trichloroethene
Concen: 108.301 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VV030200.D
Acq: 14 Mar 2023 17:09

Instrument :
MSVOA_V
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Tgt Ion: 95 Resp: 1134427

Ion	Ratio	Lower	Upper
95	100		
97	64.8	46.5	86.5
132	101.5	71.7	133.3
130	105.0	74.0	137.4



#42
Toluene
Concen: 0.364 ug/L
RT: 7.329 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VV030200.D
Acq: 14 Mar 2023 17:09

Tgt Ion: 91 Resp: 14755

Ion	Ratio	Lower	Upper
91	100		
92	55.7	39.6	73.6

