

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101521\
 Data File : VV022848.D
 Acq On : 15 Oct 2021 19:53
 Operator : SY/MD
 Sample : M4223-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFG99

Manual Integrations
 APPROVED

SAM
 10/18/2021 1:06:26 PM

Quant Time: Oct 16 05:30:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 16 05:27:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	108329	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	113507	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54102	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	34036	4.567	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	91.400%	
7) Chloroethane-d5	1.568	69	31836	4.753	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.000%	
11) 1,1-Dichloroethene-d2	2.108	63	49670	3.397	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	68.000%	
20) 2-Butanone-d5	3.895	46	102259	52.326	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	104.660%	
24) Chloroform-d	4.349	84	86559	5.636	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	112.800%	
26) 1,2-Dichloroethane-d4	5.037	65	40304	5.407	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	108.200%	
32) Benzene-d6	5.053	84	164432	4.866	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.400%	
36) 1,2-Dichloropropane-d6	6.072	67	52904	5.287	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.800%	
41) Toluene-d8	7.320	98	136399	4.669	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.400%	
43) trans-1,3-Dichloroprop...	7.625	79	16379	4.934	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	98.600%	
46) 2-Hexanone-d5	8.091	63	81909	61.228	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	122.460%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39368	5.807	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	116.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	54154	5.399	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.000%	
Target Compounds						Qvalue
13) Acetone	2.191	43	2821m	2.589	ug/L	
17) Methyl tert-butyl Ether	2.770	73	2414	0.152	ug/L	92
22) cis-1,2-Dichloroethene	3.912	96	2061	0.276	ug/L	80
42) Toluene	7.400	91	6425	0.207	ug/L	87
47) Tetrachloroethene	7.979	164	7300	1.086	ug/L	96

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

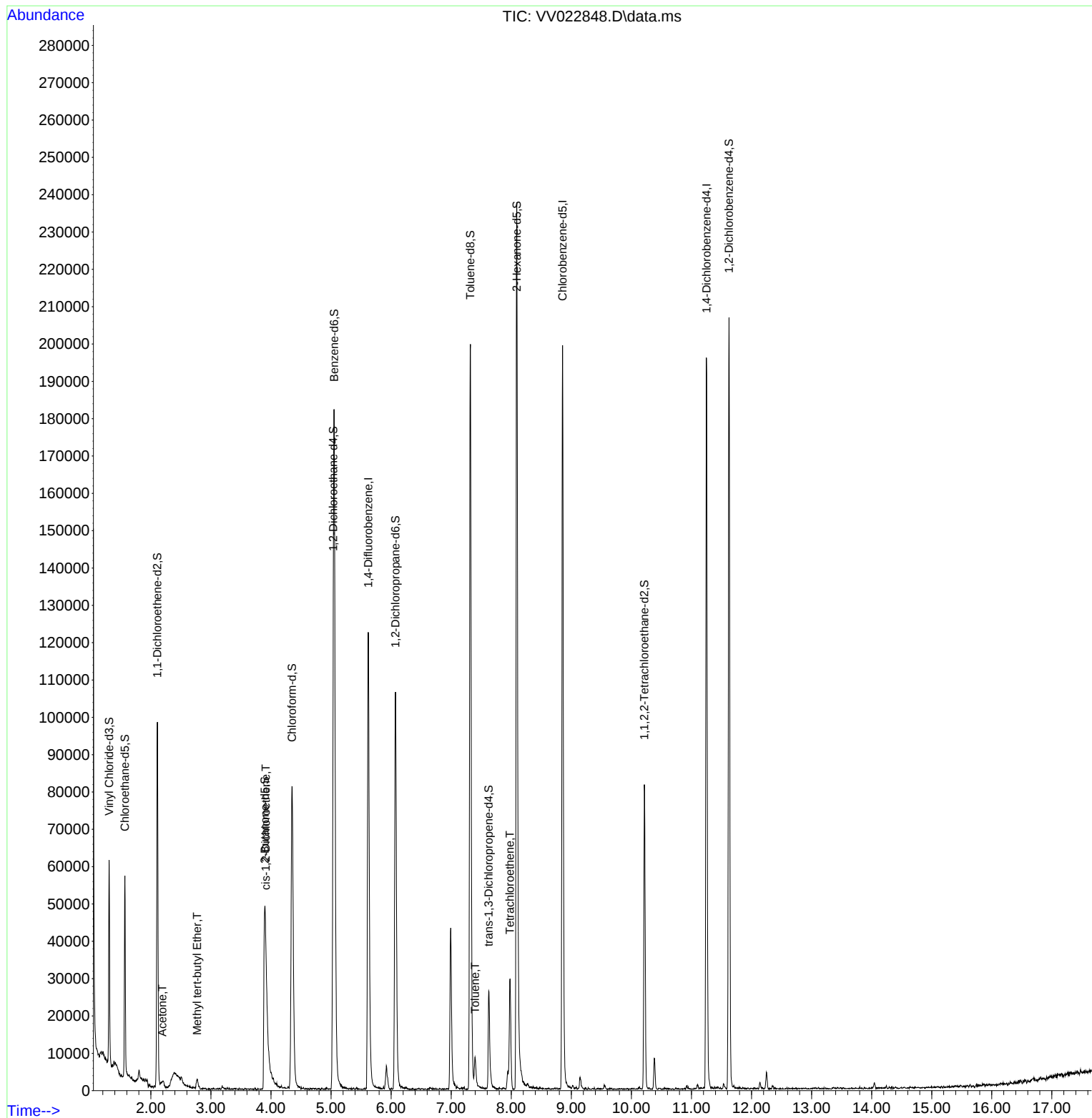
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Data File : VV022848.D
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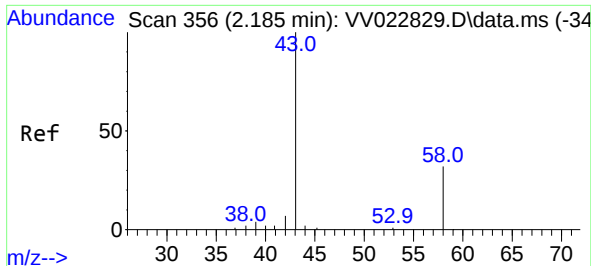
Instrument :
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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration





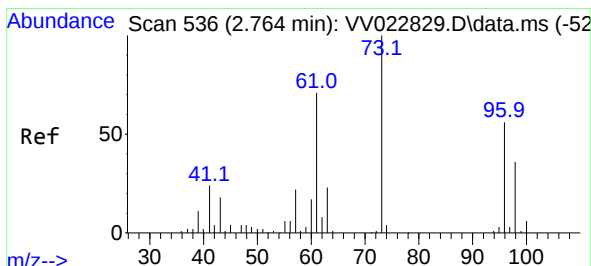
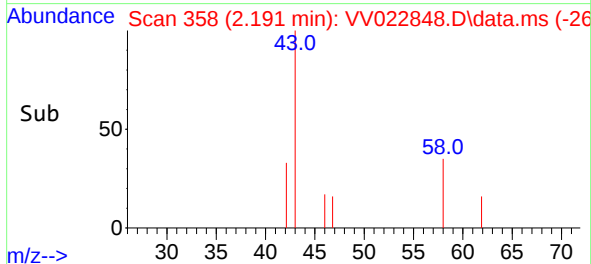
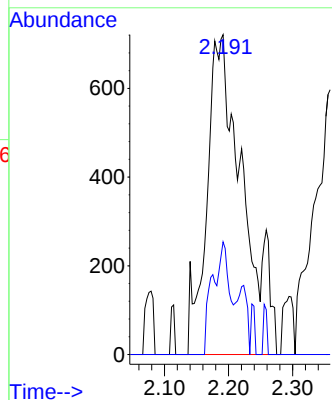
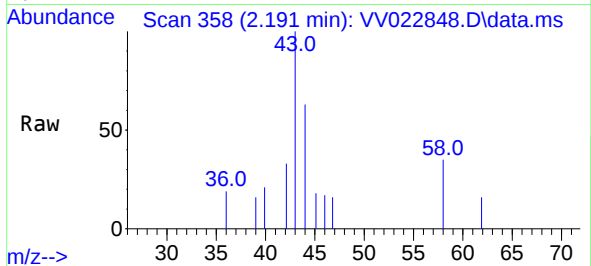
#13
Acetone
Concen: 2.589 ug/L m
RT: 2.191 min Scan# 358
Delta R.T. 0.006 min
Lab File: VV022848.D
Acq: 15 Oct 2021 19:53

Instrument :
MSVOA_V
ClientSampled :
BFG99

Tgt Ion: 43 Resp: 2821
Ion Ratio Lower Upper
43 100
58 1.5 0.0 24.2

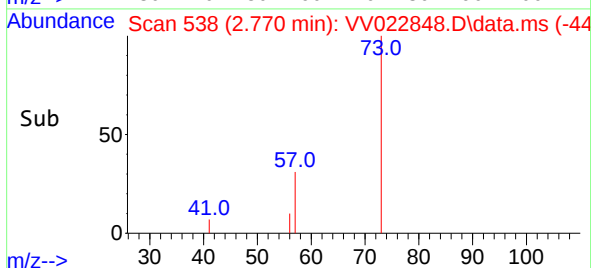
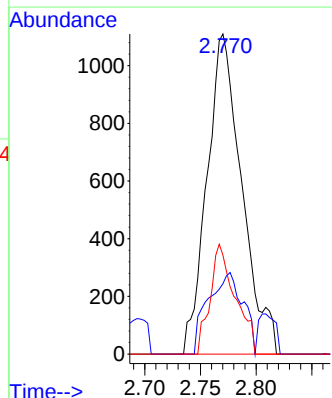
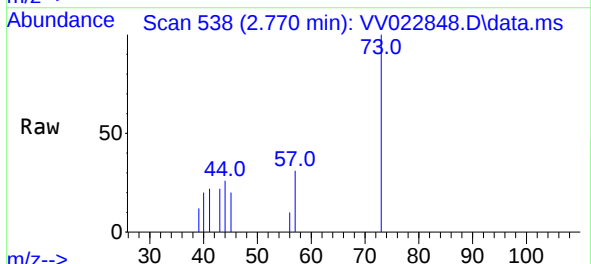
Manual Integrations
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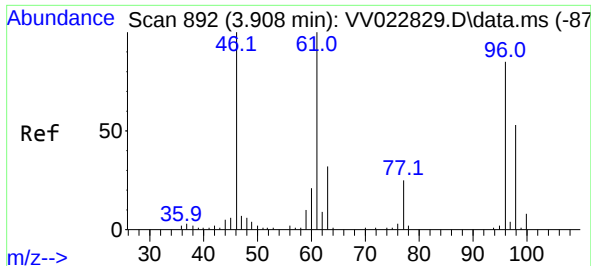
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#17
Methyl tert-butyl Ether
Concen: 0.152 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.006 min
Lab File: VV022848.D
Acq: 15 Oct 2021 19:53

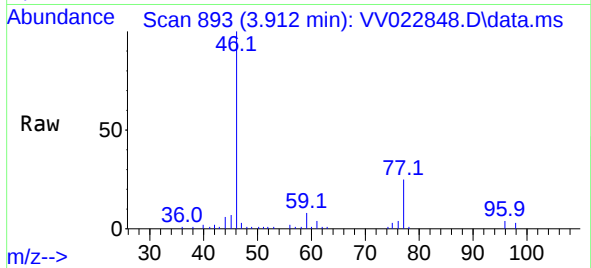
Tgt Ion: 73 Resp: 2414
Ion Ratio Lower Upper
73 100
43 25.4 17.1 25.7
57 24.8 17.2 25.8





#22
cis-1,2-Dichloroethene
Concen: 0.276 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV022848.D
Acq: 15 Oct 2021 19:53

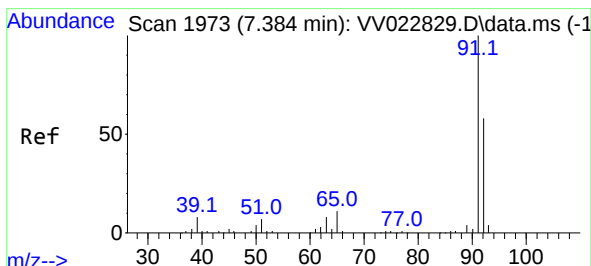
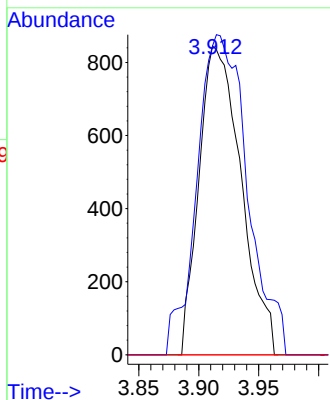
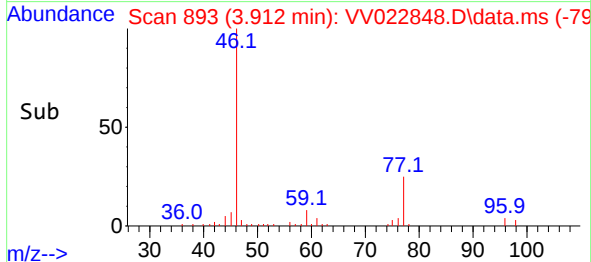
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ClientSampled :
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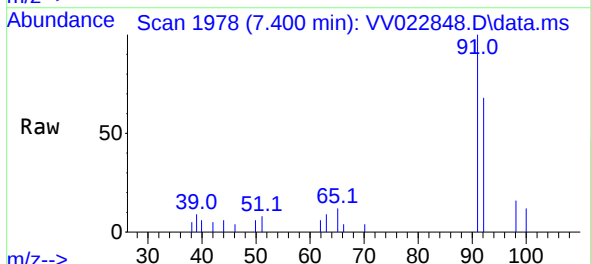
Tgt Ion: 96 Resp: 2061
Ion Ratio Lower Upper
96 100
61 100.1 86.0 159.6
68 0.0 0.0 0.0

Manual Integrations
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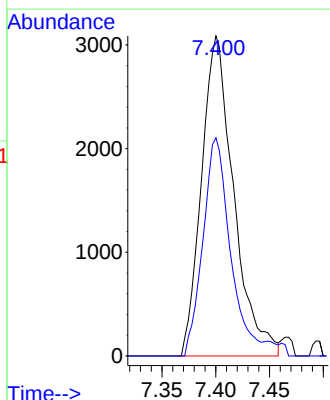
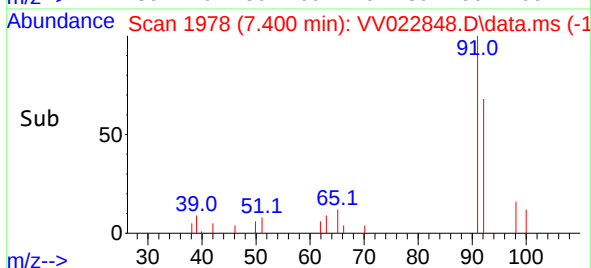
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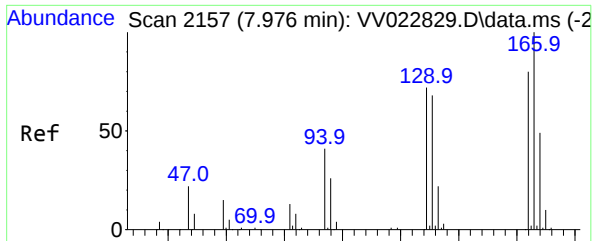


#42
Toluene
Concen: 0.207 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.016 min
Lab File: VV022848.D
Acq: 15 Oct 2021 19:53

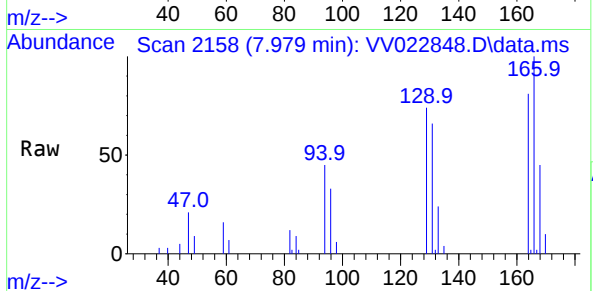


Tgt Ion: 91 Resp: 6425
Ion Ratio Lower Upper
91 100
92 68.2 40.7 75.7



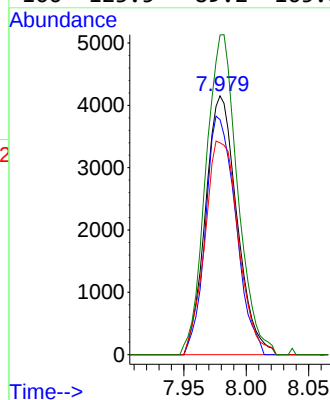
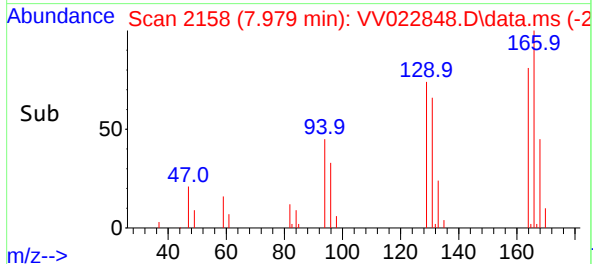


#47
Tetrachloroethene
Concen: 1.086 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV022848.D
Acq: 15 Oct 2021 19:53



Tgt Ion:164 Resp: 7300

Ion	Ratio	Lower	Upper
164	100		
129	90.8	65.0	120.6
131	81.9	62.2	115.4
166	123.5	89.2	165.8



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