

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
 Data File : VV016898.D
 Acq On : 12 Jun 2020 22:57
 Operator : SY/MD
 Sample : L2914-14 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E26

Manual Integrations
 APPROVED

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 6/15/2020 12:22:44 PM

Quant Time: Jun 13 04:59:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 13 03:02:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	352404	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	332188	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	175518	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	99094	39.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.70%
7) Chloroethane-d5	1.55	69	57305	38.41	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.82%
11) 1,1-Dichloroethene-d2	2.11	63	127816	30.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.22%
21) 2-Butanone-d5	3.90	46	168145	91.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.36%
24) Chloroform-d	4.37	84	218813	43.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.56%
26) 1,2-Dichloroethane-d4	5.05	65	162597	47.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.56%
32) Benzene-d6	5.07	84	419883	43.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.70%
36) 1,2-Dichloropropane-d6	6.09	67	132372	44.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.70%
41) Toluene-d8	7.34	98	382264	43.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	7.64	79	64959	41.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.56%
47) 2-Hexanone-d5	8.11	63	105720	81.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.24%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	181020	45.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.62%
64) 1,2-Dichlorobenzene-d4	11.65	152	173939	46.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.88%

Target Compounds					Ovalue	
27) 1,2-Dichloroethane	5.16	62	9422m	2.436	ug/L	
33) Benzene	5.12	78	1729957	176.015	ug/L	100
42) Toluene	7.41	91	9121	0.880	ug/L	99
52) Ethylbenzene	9.04	91	44329	3.863	ug/L	100
54) o-xylene	9.56	106	2367	0.562	ug/L	87

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

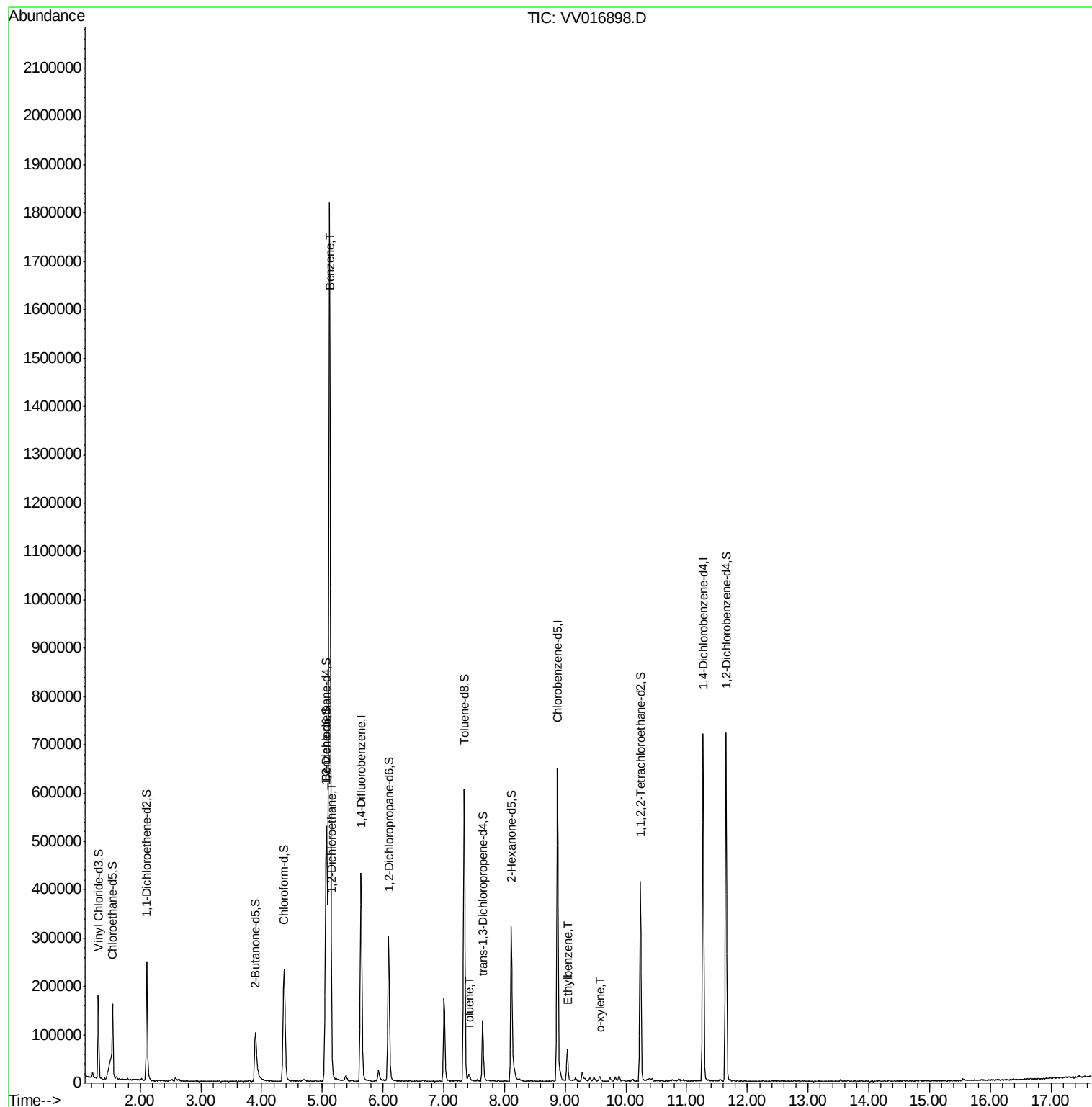
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV061220\
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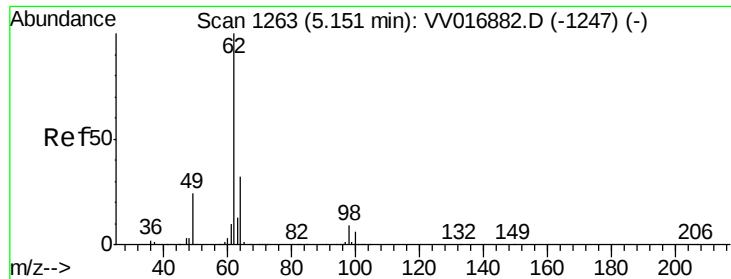
Instrument :
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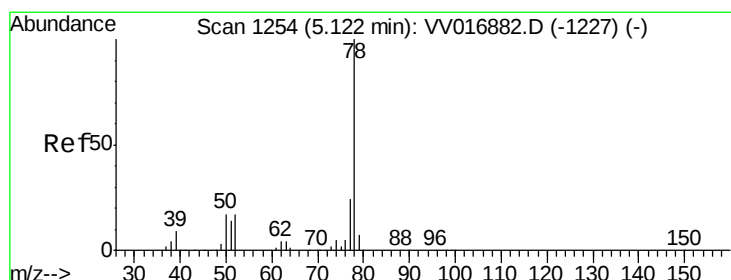
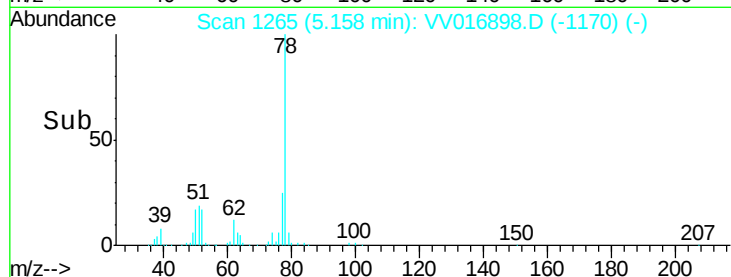
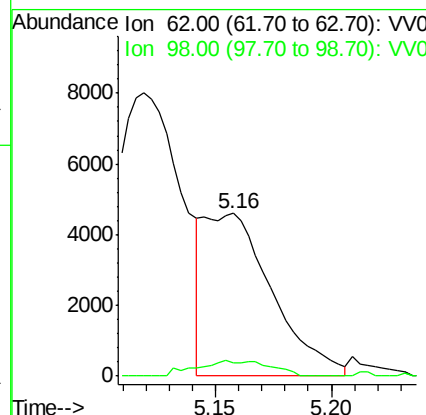
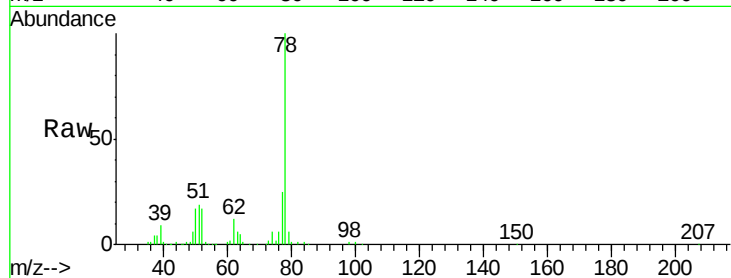
#27
 1,2-Dichloroethane
 Concen: 2.436 ug/L m
 RT: 5.16 min Scan# 1265
 Delta R.T. 0.01 min
 Lab File: VV016898.D
 Acq: 12 Jun 2020 22:57

Instrument :
 MSVOA_V
 ClientSampled :
 F9E26

Tot Ion	Ratio	Lower	Upper
62	100		
98	8.4	7.4	11.2

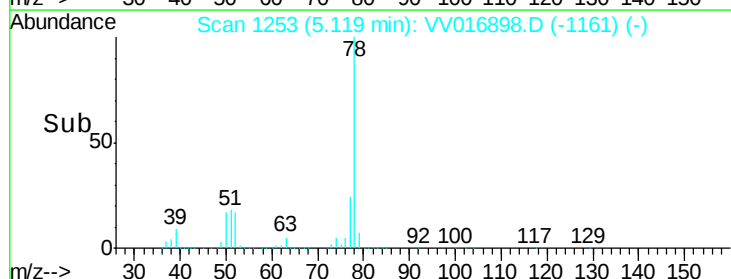
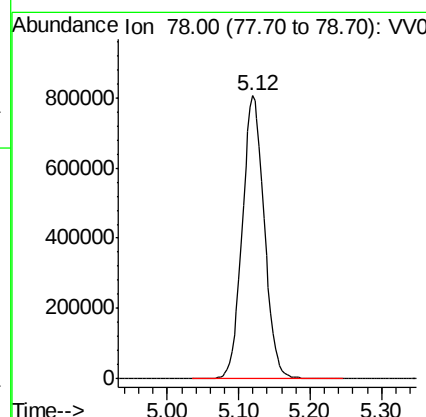
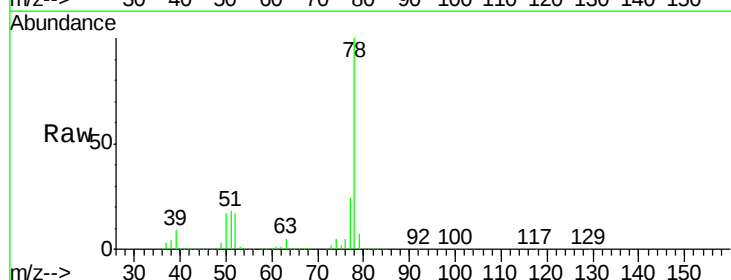
Manual Integrations
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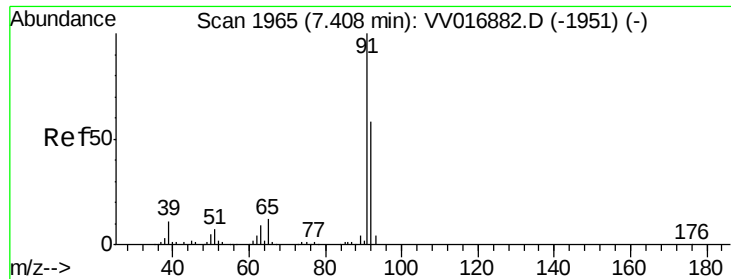
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#33
 Benzene
 Concen: 176.015 ug/L
 RT: 5.12 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: VV016898.D
 Acq: 12 Jun 2020 22:57

Tgt Ion: 78 Resp: 1729957





#42

Toluene

Concen: 0.880 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV016898.D

Acq: 12 Jun 2020 22:57

Instrument :

MSVOA_V

ClientSampleId :

F9E26

Tot Ion: 91 Resp: 9121

Ion Ratio Lower Upper

91 100

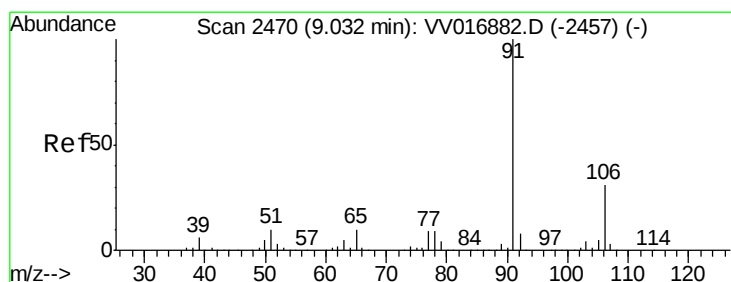
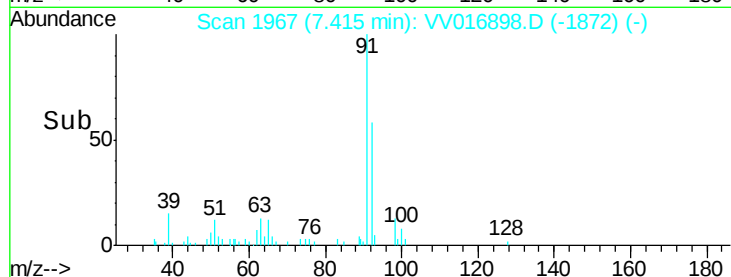
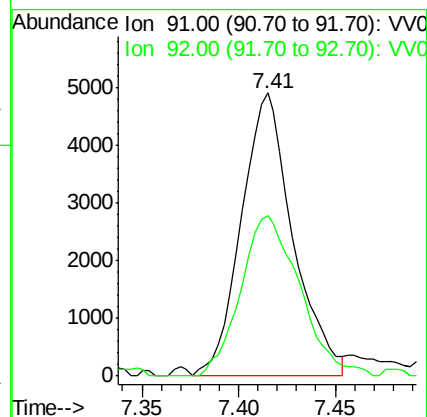
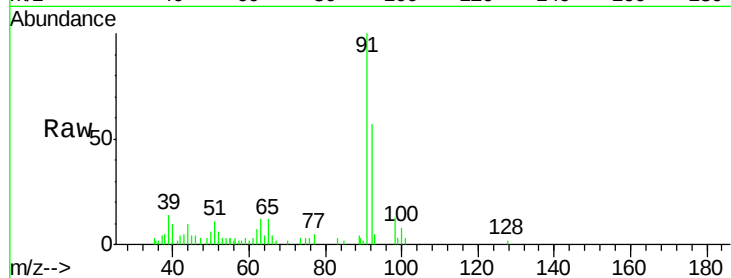
92 56.8 40.4 75.0

Manual Integrations

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#52

Ethylbenzene

Concen: 3.863 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016898.D

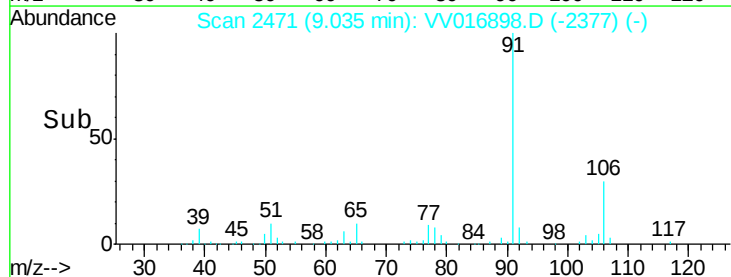
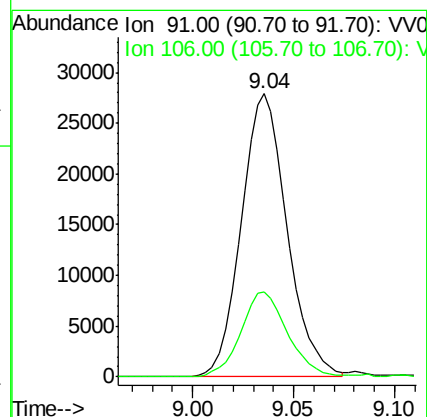
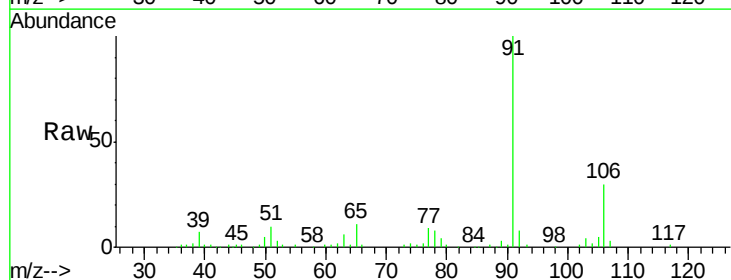
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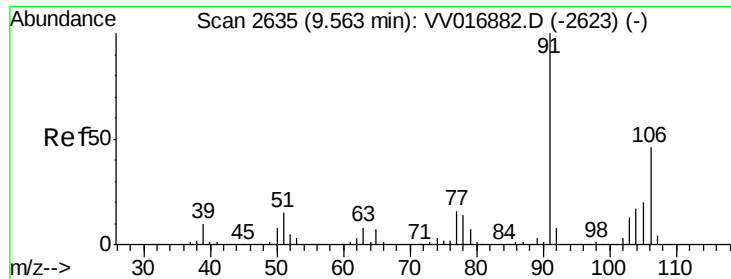
Tgt Ion: 91 Resp: 44329

Ion Ratio Lower Upper

91 100

106 29.9 21.1 39.1





#54
o-xylene
Concen: 0.562 ug/L
RT: 9.56 min Scan# 2635
Delta R.T. 0.00 min
Lab File: VV016898.D
Acq: 12 Jun 2020 22:57

Instrument :
MSVOA_V
ClientSampleId :
F9E26

Tot Ion	Ratio	Lower	Upper
106	100		
91	201.9	155.9	289.5

Manual Integrations
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