

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042920\
 Data File : VU037937.D
 Acq On : 30 Apr 2020 01:41
 Operator : JC/MD
 Sample : L2410-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBFF0

Manual Integrations
 APPROVED

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 5/4/2020 10:18:16 AM

Quant Time: Apr 30 06:29:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 30 04:10:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	680591	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	674182	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	314032	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	252177	42.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.82%
7) Chloroethane-d5	1.93	69	218321	47.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.74%
11) 1,1-Dichloroethene-d2	2.59	63	329532	34.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.48%
21) 2-Butanone-d5	4.66	46	388241	82.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.40%
24) Chloroform-d	5.10	84	411561	45.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.88%
26) 1,2-Dichloroethane-d4	5.74	65	298093	47.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.06%
32) Benzene-d6	5.76	84	917276	48.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.22%
36) 1,2-Dichloropropane-d6	6.72	67	302652	47.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.92%
41) Toluene-d8	7.92	98	836766	47.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.50%
43) trans-1,3-Dichloropropene-	8.20	79	137850	42.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.00%
47) 2-Hexanone-d5	8.65	63	261023	75.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.19%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	411532	46.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.76%
64) 1,2-Dichlorobenzene-d4	12.20	152	302528	49.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.02%

Target Compounds

					Ovalue
13) Acetone	2.65	43	9119	3.244	ug/L 99
20) cis-1,2-Dichloroethene	4.71	96	361759	71.516	ug/L 94
25) Chloroform	5.13	83	36897	4.234	ug/L 98
34) Trichloroethene	6.57	95	167306	33.333	ug/L 98
46) Tetrachloroethene	8.58	164	19758218m	5385.621	ug/L

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

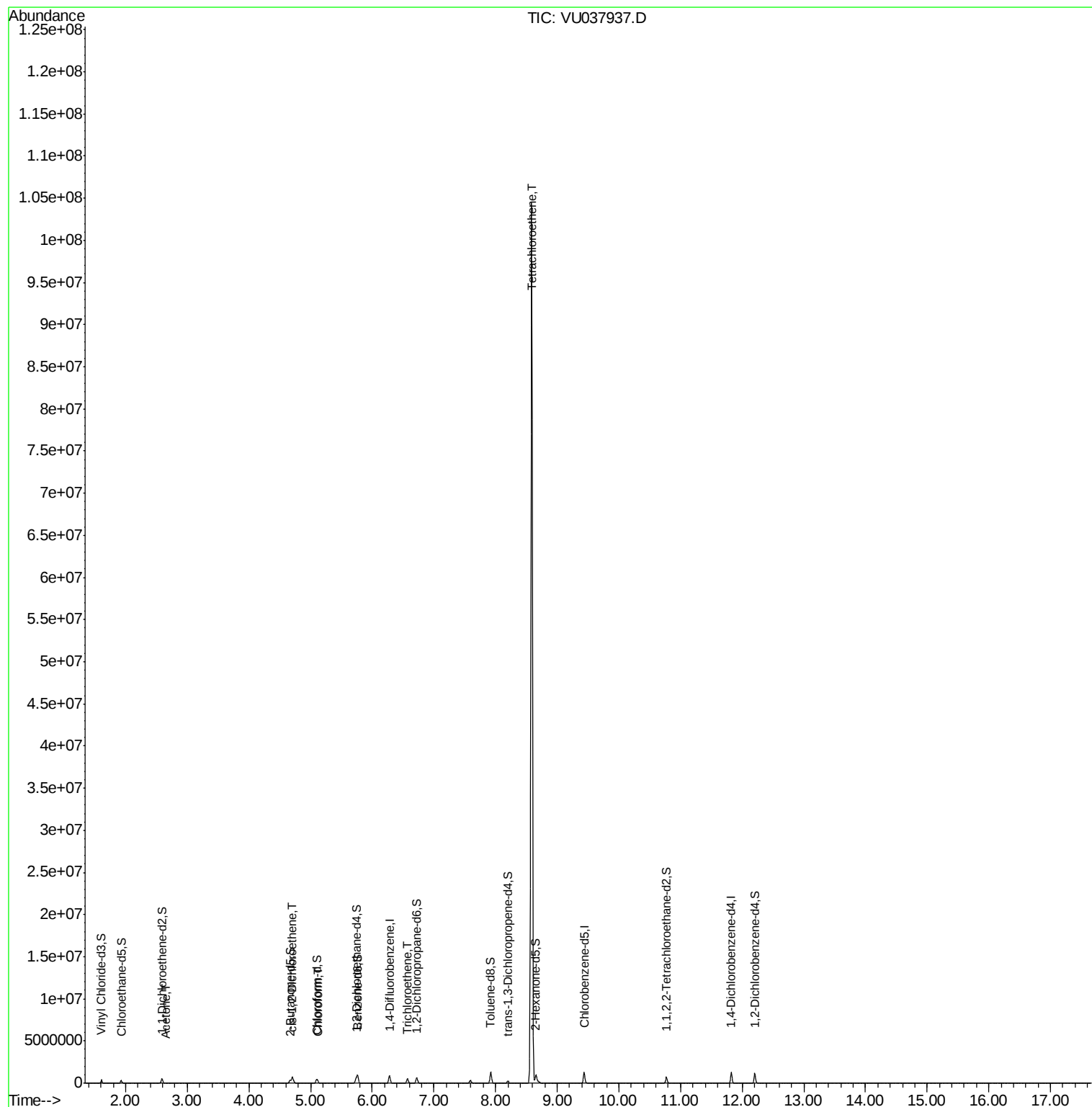
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042920\
Data File : VU037937.D
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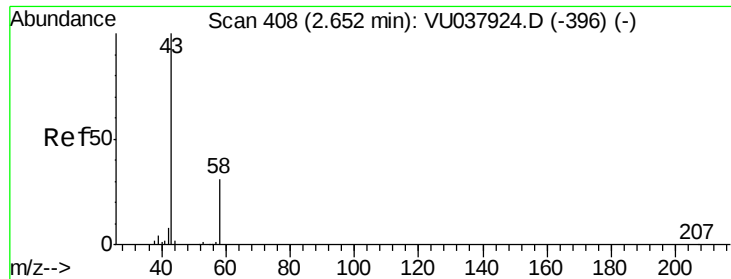
Instrument :
MSVOA_U
ClientSampleId :
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Quant Time: Apr 30 06:29:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 30 04:10:11 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.244 ug/L

RT: 2.65 min Scan# 408

Delta R.T. 0.00 min

Lab File: VU037937.D

Acq: 30 Apr 2020 01:41

Instrument :

MSVOA_U

ClientSampleId :

DBFF0

Tot Ion: 43 Resp: 9119

Ion Ratio Lower Upper

43 100

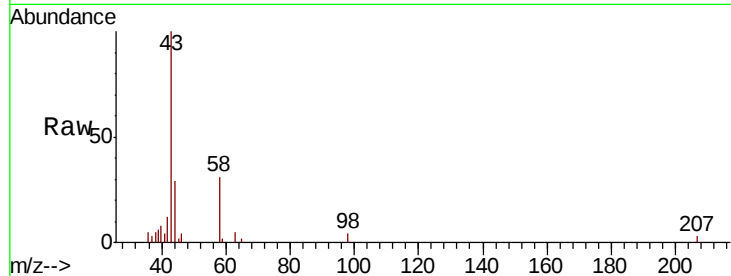
58 30.2 0.0 62.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VU037924.D (-396) (-)

Ion 58.00 (57.70 to 58.70): VU037924.D (-396) (-)

2.65

6000

5000

4000

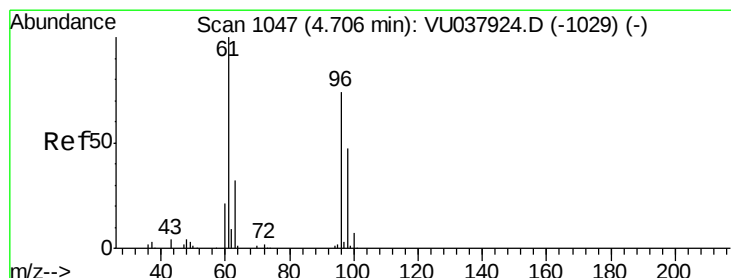
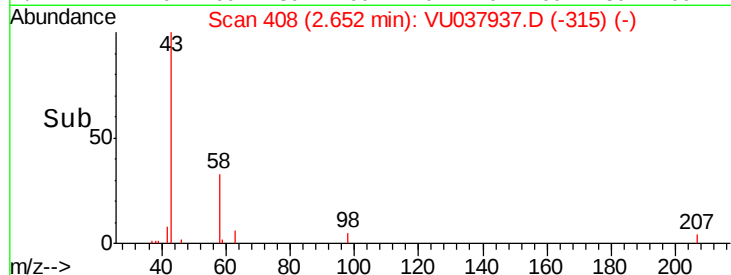
3000

2000

1000

0

Time--> 2.55 2.60 2.65 2.70



#20

cis-1,2-Dichloroethene

Concen: 71.516 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU037937.D

Acq: 30 Apr 2020 01:41

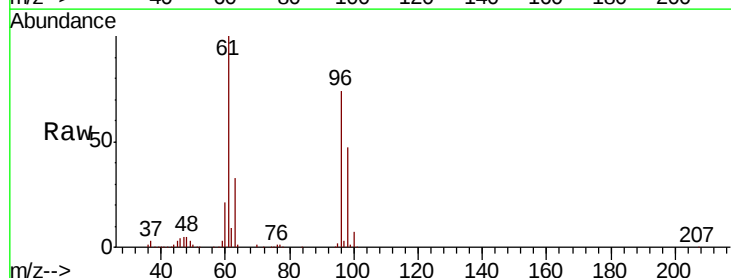
Tgt Ion: 96 Resp: 361759

Ion Ratio Lower Upper

96 100

61 135.9 100.4 186.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU037924.D (-1029) (-)

Ion 61.00 (60.70 to 61.70): VU037924.D (-1029) (-)

Ion 68.00 (67.70 to 68.70): VU037924.D (-1029) (-)

300000

250000

200000

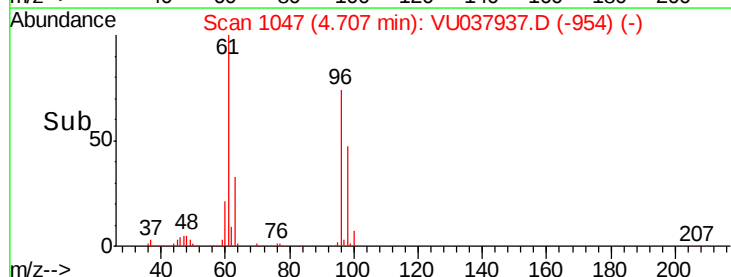
150000

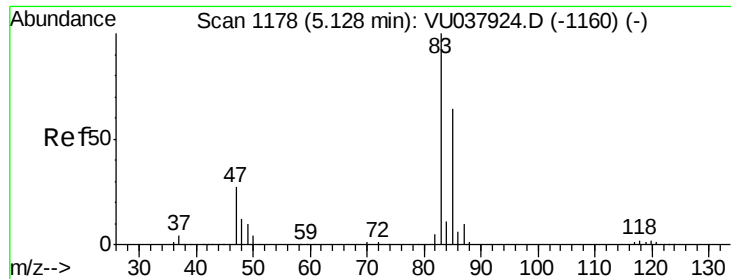
100000

50000

0

Time--> 4.60 4.70 4.80





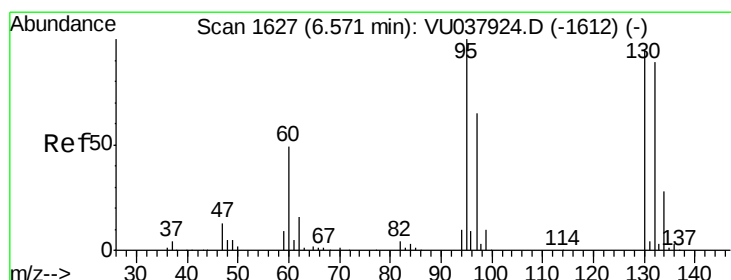
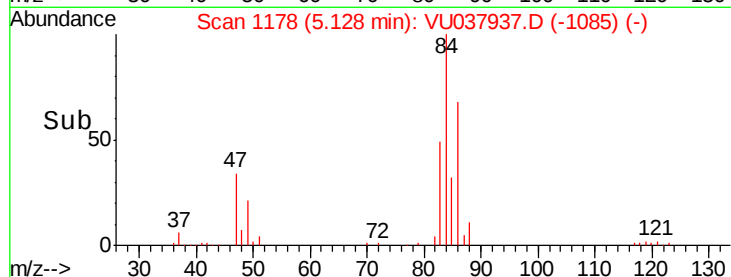
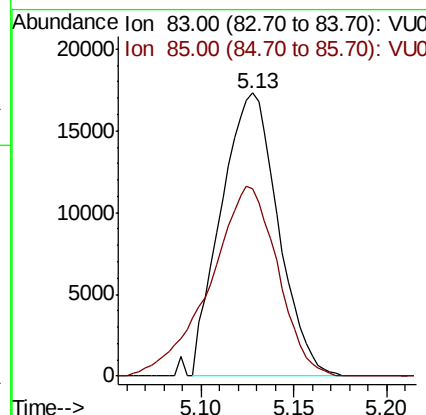
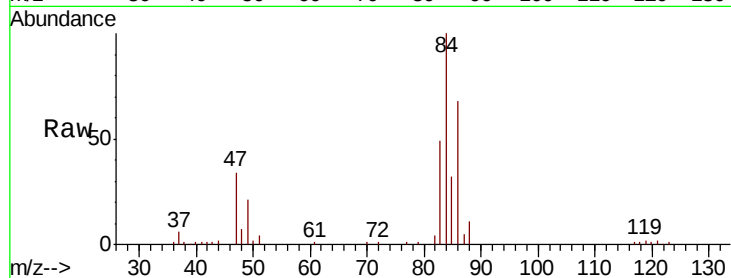
#25
Chloroform
Concen: 4.234 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU037937.D
Acq: 30 Apr 2020 01:41

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Tot Ion	83	85	Resp	Lower	Upper
36897	100	66.1		45.1	83.9

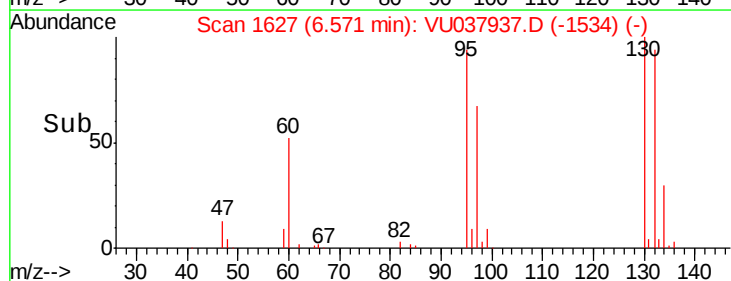
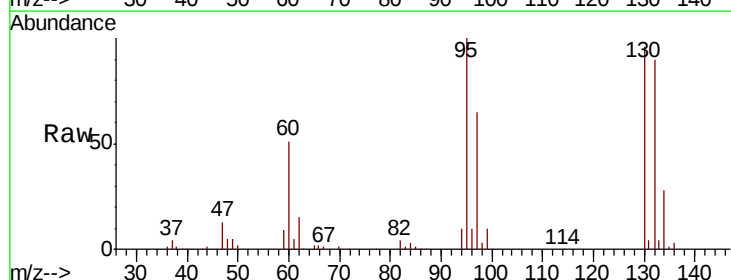
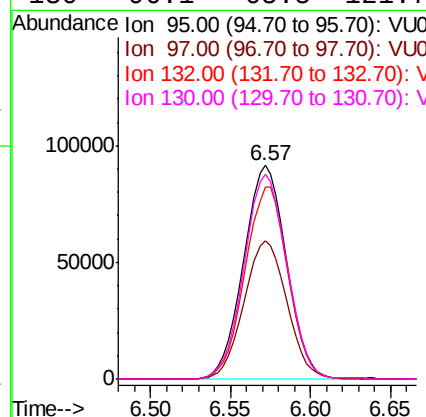
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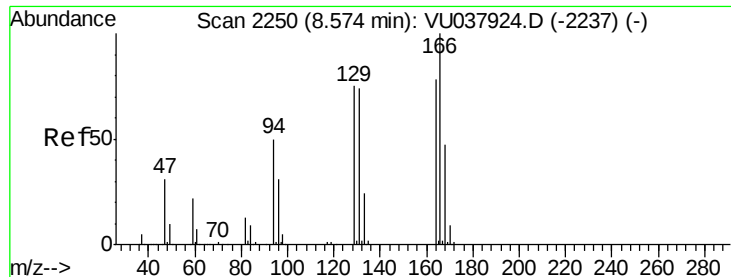
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#34
Trichloroethene
Concen: 33.333 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VU037937.D
Acq: 30 Apr 2020 01:41

Tgt Ion	95	97	132	130	Resp	Lower	Upper
167306	100	64.7	89.9	96.1		44.4	82.5
						65.0	120.6
						65.5	121.7





#46
Tetrachloroethene
Concen: 5385.621 ug/L m
RT: 8.58 min Scan# 2251
Delta R.T. 0.00 min
Lab File: VU037937.D
Acq: 30 Apr 2020 01:41

Instrument :
MSVOA_U
ClientSampleId :
DBFF0

Tot Ion:164 Resp:19758218

Ion	Ratio	Lower	Upper
164	100		
129	100.0	67.3	125.1
131	100.0	64.8	120.4
166	100.0	88.5	164.4

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