

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\
 Data File : VV016742.D
 Acq On : 10 Jun 2020 01:09
 Operator : SY/MD
 Sample : L2914-07 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E02

Manual Integrations
 APPROVED

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 6/10/2020 3:52:40 PM

Quant Time: Jun 10 05:47:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 03:42:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	371700	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	350286	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	172950	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	87050	33.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.38%
7) Chloroethane-d5	1.56	69	68783	43.71	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.42%
11) 1,1-Dichloroethene-d2	2.11	63	127536	28.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.92%#
21) 2-Butanone-d5	3.89	46	185745	95.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.68%
24) Chloroform-d	4.37	84	219221	41.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.22%
26) 1,2-Dichloroethane-d4	5.05	65	164123	45.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.48%
32) Benzene-d6	5.07	84	434353	43.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.04%
36) 1,2-Dichloropropane-d6	6.09	67	137698	43.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.50%
41) Toluene-d8	7.34	98	387658	41.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.68%
43) trans-1,3-Dichloropropene-	7.64	79	63091	38.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.98%
47) 2-Hexanone-d5	8.11	63	123198	89.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.78%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	190795	45.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	173235	46.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.88%

Target Compounds

					Ovalue
25) Chloroform	4.40	83	9086m	1.867	ug/L
29) Cyclohexane	4.70	56	2638m	0.606	ug/L
33) Benzene	5.12	78	327843	31.633	ug/L
42) Toluene	7.42	91	8143	0.745	ug/L
53) m,p-Xylene	9.16	106	4756	1.056	ug/L

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

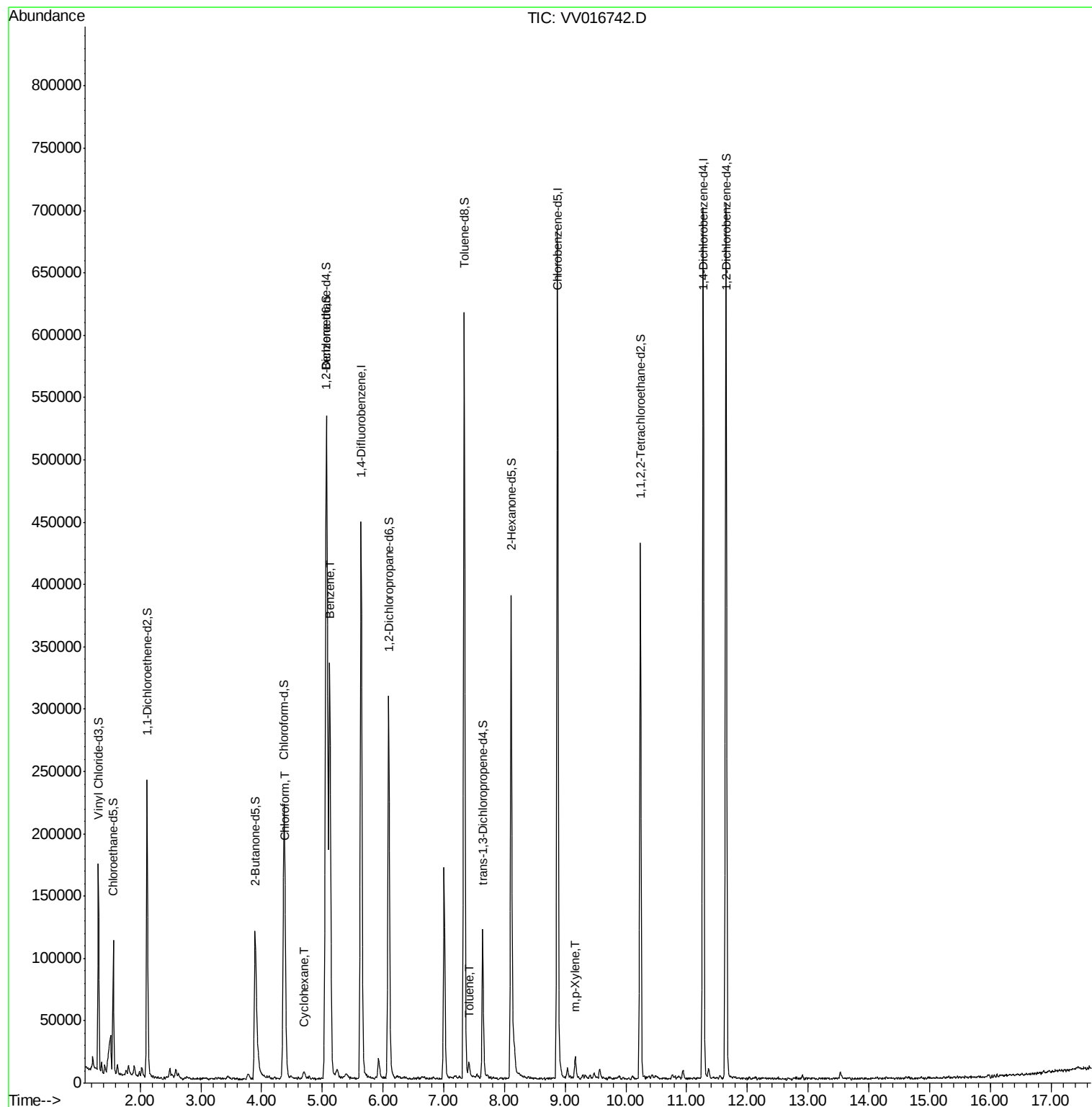
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\
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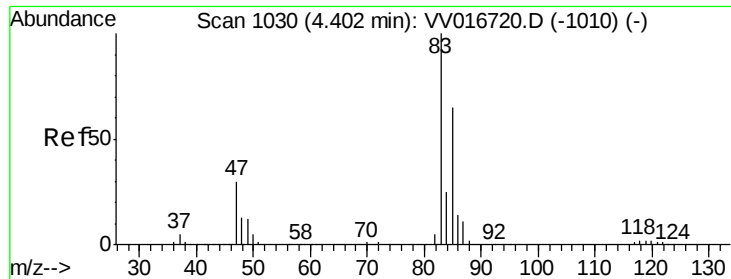
Instrument :
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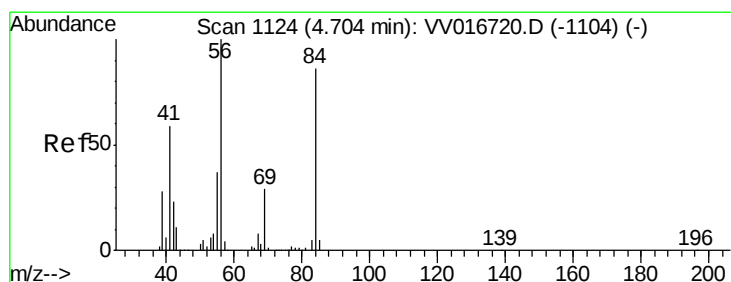
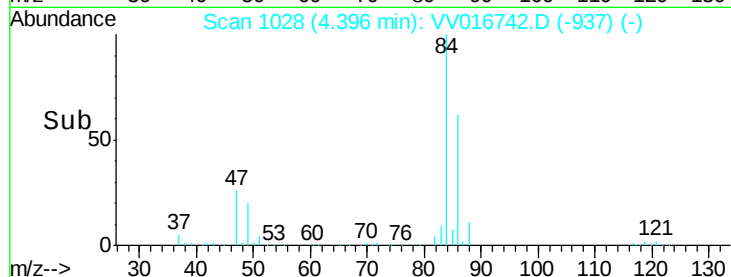
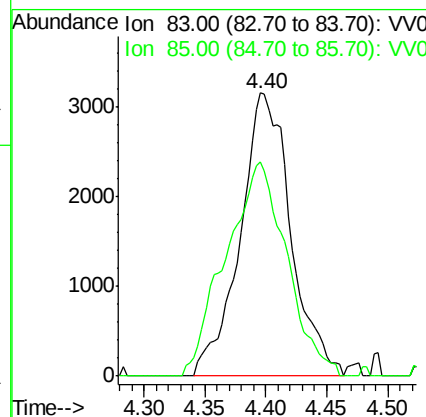
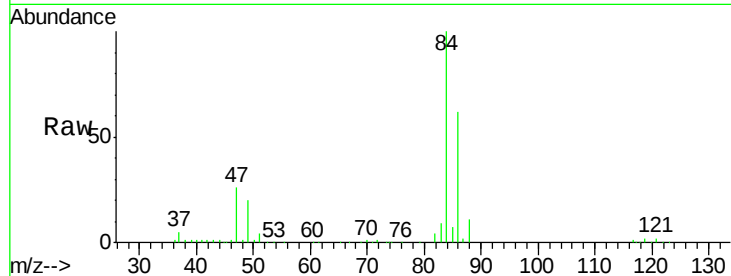
#25
Chloroform
Concen: 1.867 ug/L m
RT: 4.40 min Scan# 1028
Delta R.T. -0.01 min
Lab File: VV016742.D
Acq: 10 Jun 2020 01:09

Instrument :
MSVOA_V
ClientSampleId :
F9E02

Tot Ion	83	Resp	9086
Ion Ratio	100	Lower	Upper
83	100		
85	75.6	44.1	81.9

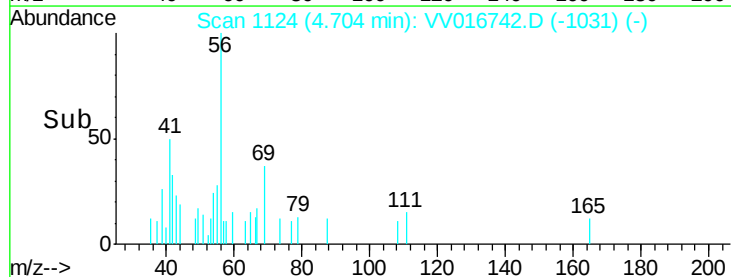
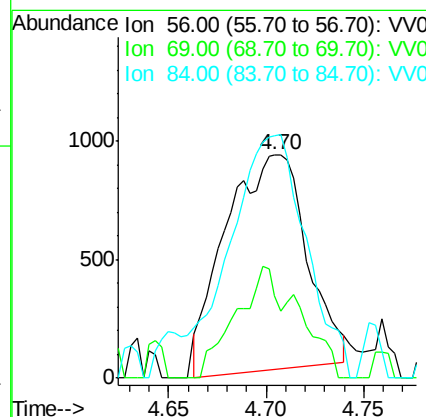
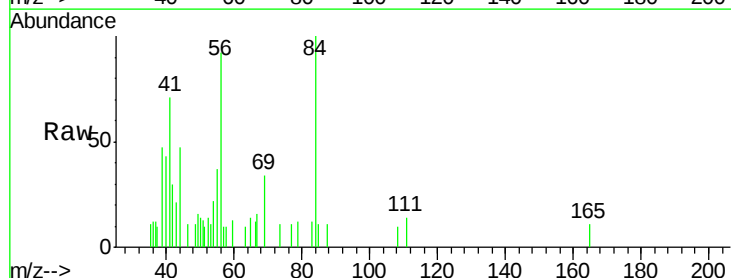
Manual Integrations
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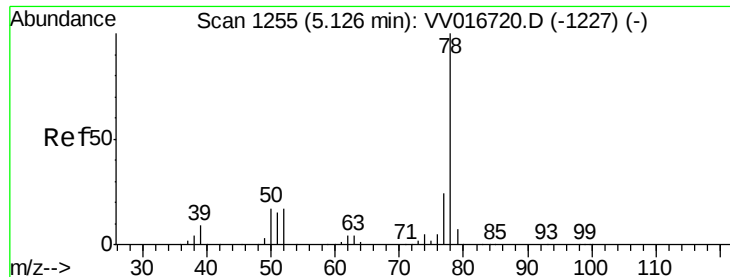
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#29
Cyclohexane
Concen: 0.606 ug/L m
RT: 4.70 min Scan# 1124
Delta R.T. -0.00 min
Lab File: VV016742.D
Acq: 10 Jun 2020 01:09

Tgt Ion	56	Resp	2638
Ion Ratio	100	Lower	Upper
56	100		
69	12.4	25.0	37.4#
84	0.0	69.5	104.3#





#33

Benzene

Concen: 31.633 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. -0.00 min

Lab File: VV016742.D

Acq: 10 Jun 2020 01:09

Instrument :

MSVOA_V

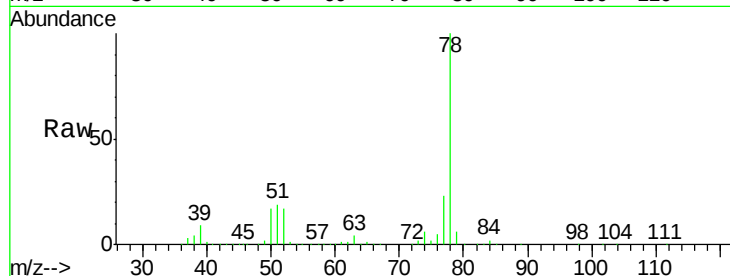
ClientSampleId :

F9E02

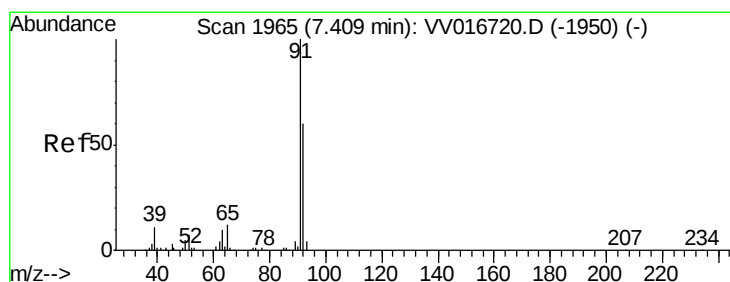
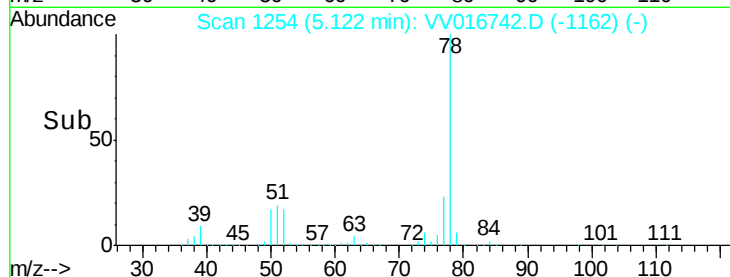
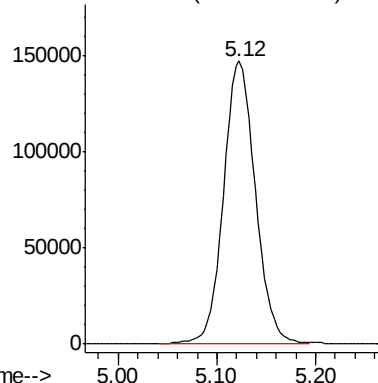
Tgt Ion: 78 Resp: 327843

Manual Integrations
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Abundance Ion 78.00 (77.70 to 78.70): VV0



#42

Toluene

Concen: 0.745 ug/L

RT: 7.42 min Scan# 1968

Delta R.T. 0.01 min

Lab File: VV016742.D

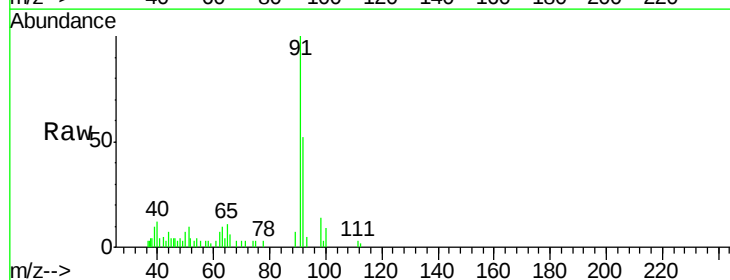
Acq: 10 Jun 2020 01:09

Tgt Ion: 91 Resp: 8143

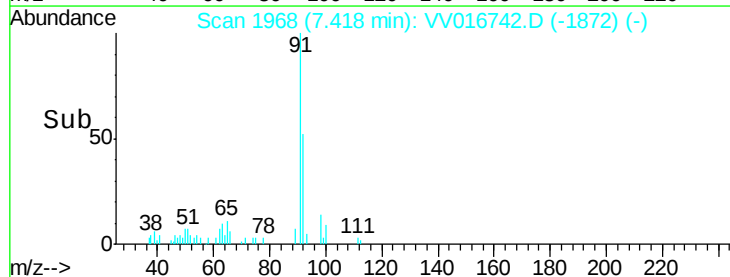
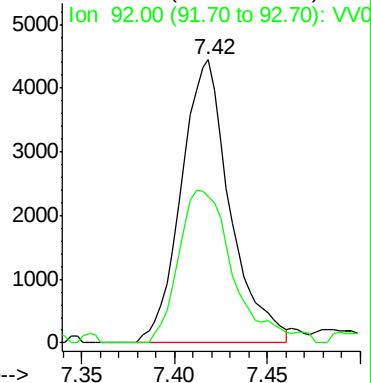
Ion Ratio Lower Upper

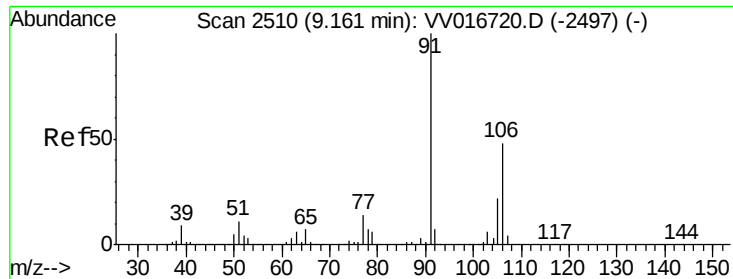
91 100

92 51.8 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VV0





#53
 m,p-Xylene
 Concen: 1.056 ug/L
 RT: 9.16 min Scan# 2511
 Delta R.T. 0.00 min
 Lab File: VV016742.D
 Acq: 10 Jun 2020 01:09

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E02

Tot Ion	Ratio	Lower	Upper
106	100		
91	191.2	144.6	268.6

Manual Integrations
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