

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042021\
 Data File : VU043227.D
 Acq On : 20 Apr 2021 16:40
 Operator : SY/MD
 Sample : M2057-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4528

Manual Integrations
 APPROVED

MMDadoda
 4/22/2021 10:06:20 AM

Quant Time: Apr 21 05:02:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 21 04:57:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	79829	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.424	117	80529	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	37459	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	17305	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	1.919	69	16703	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.575	65	10708	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.20%
20) 2-Butanone-d5	4.646	46	93447	52.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.96%
24) Chloroform-d	5.073	84	48827	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.713	65	31655	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
32) Benzene-d6	5.736	84	86804	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.700	67	30738	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.906	98	77658	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.60%
43) trans-1,3-Dichloroprop...	8.186	79	11076	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	8.642	63	59608	43.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.04%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	25038	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
66) 1,2-Dichlorobenzene-d4	12.202	152	31522	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%
Target Compounds						Qvalue
13) Acetone	2.665	43	2330m	1.78	ug/L	
17) Methyl tert-butyl Ether	3.372	73	3157	0.22	ug/L #	90
22) cis-1,2-Dichloroethene	4.675	96	1939	0.35	ug/L #	72
34) Trichloroethene	6.552	95	9651	1.63	ug/L	94
47) Tetrachloroethene	8.559	164	54568	11.61	ug/L	95

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

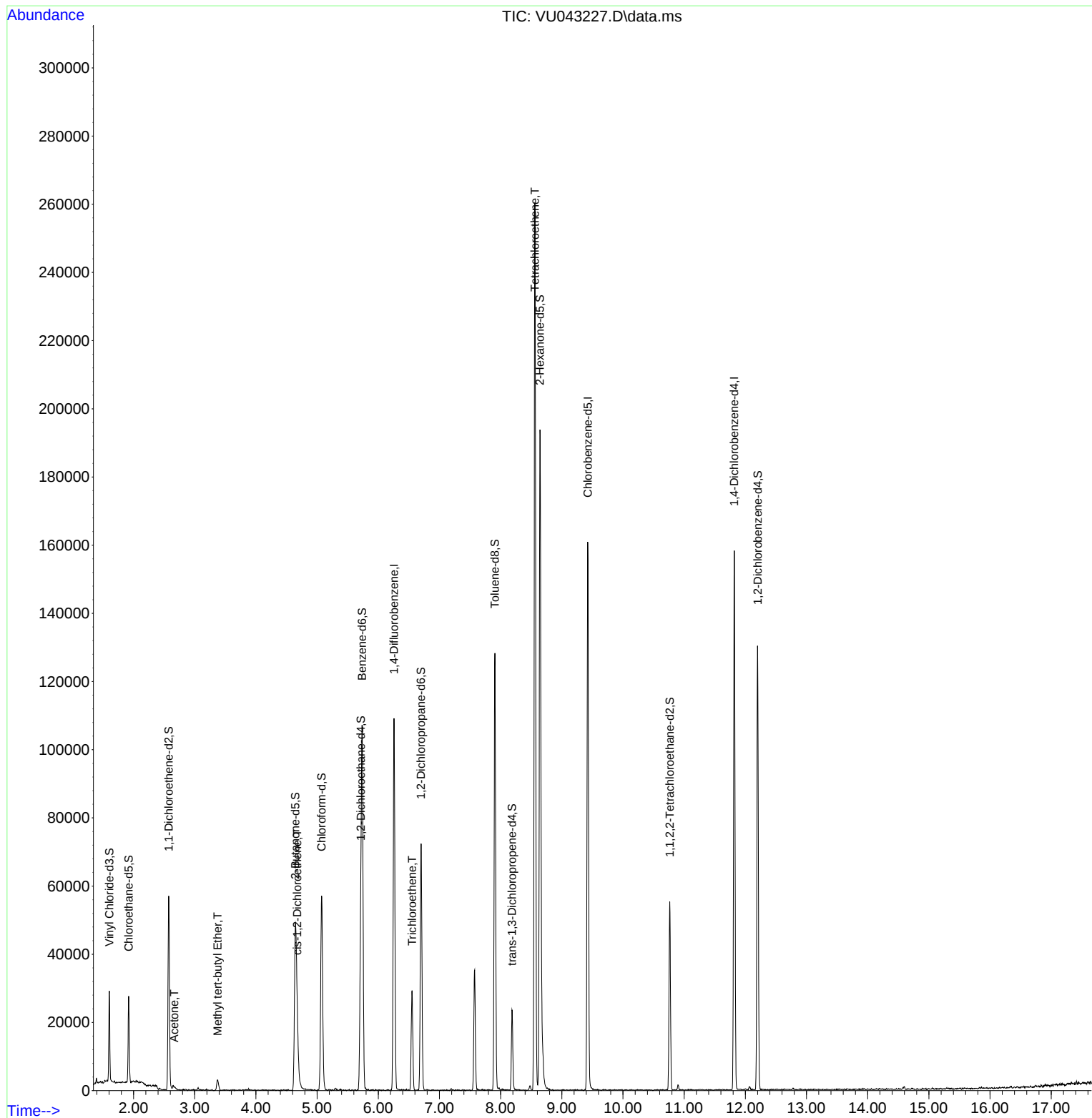
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042021\
Data File : VU043227.D
Acq On : 20 Apr 2021 16:40
Operator : SY/MD
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ALS Vial : 17 Sample Multiplier: 1

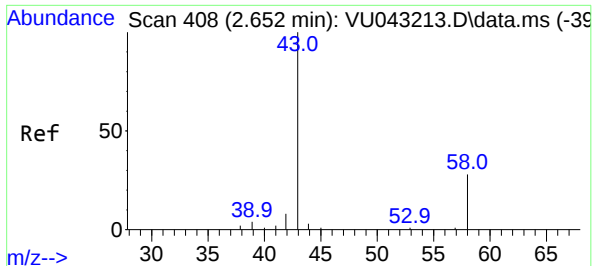
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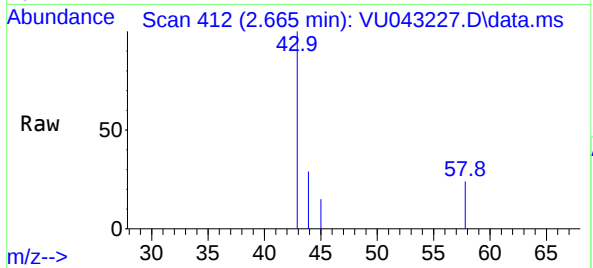
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Apr 21 04:57:57 2021
Response via : Initial Calibration





#13
Acetone
Concen: 1.78 ug/L m
RT: 2.665 min Scan# 412
Delta R.T. 0.013 min
Lab File: VU043227.D
Acq: 20 Apr 2021 16:40

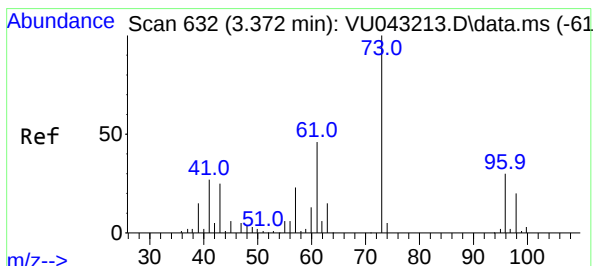
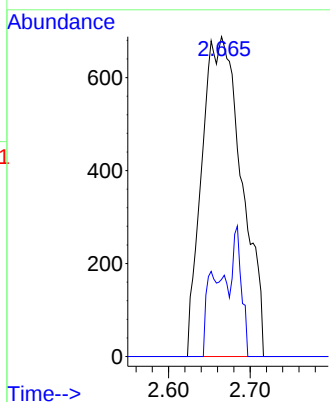
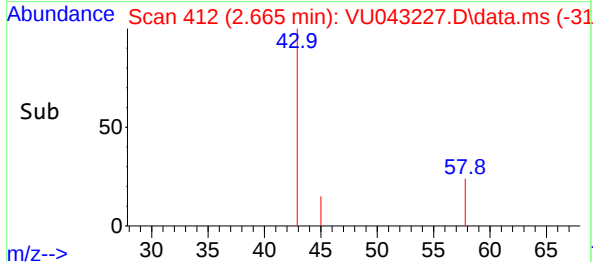
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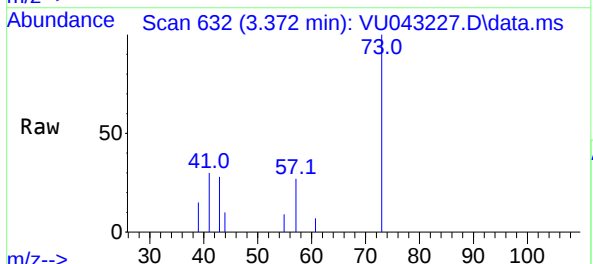
Tgt Ion: 43 Resp: 2330
Ion Ratio Lower Upper
43 100
58 6.7 0.0 25.0

Manual Integrations
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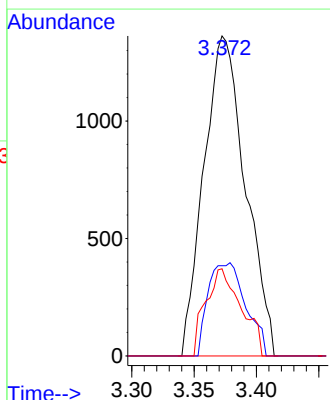
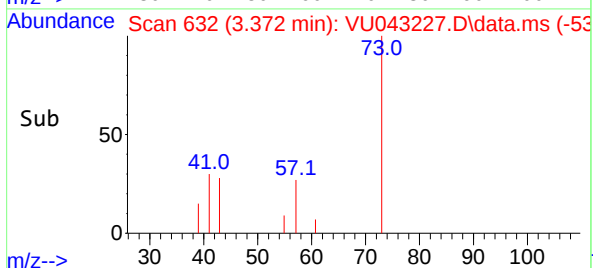
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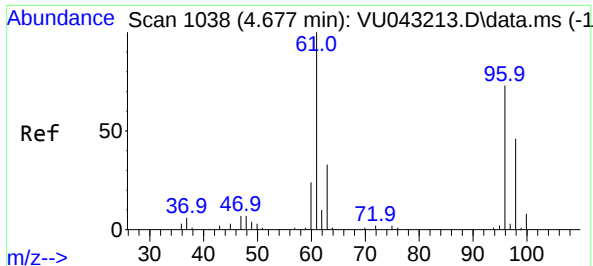


#17
Methyl tert-butyl Ether
Concen: 0.22 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.000 min
Lab File: VU043227.D
Acq: 20 Apr 2021 16:40

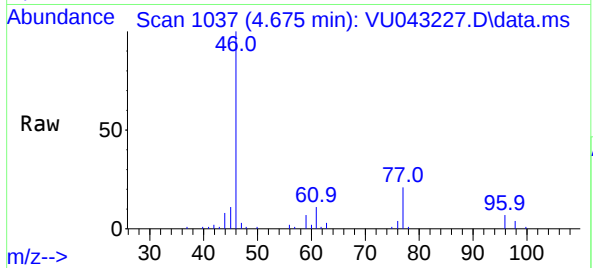


Tgt Ion: 73 Resp: 3157
Ion Ratio Lower Upper
73 100
43 26.4 15.0 22.4#
57 23.3 17.3 25.9

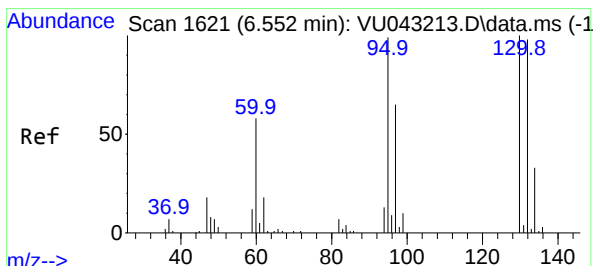
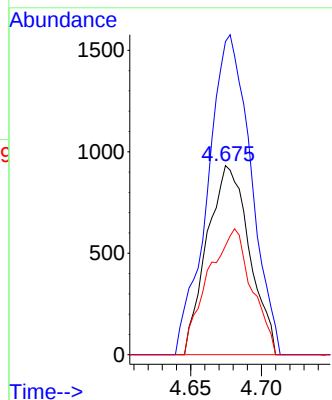
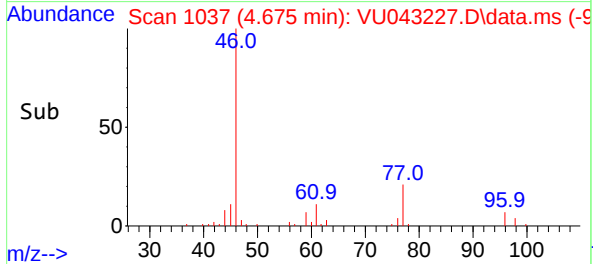




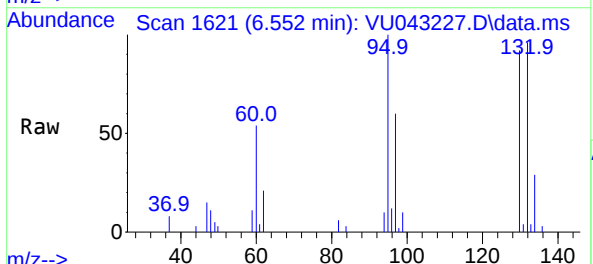
#22
cis-1,2-Dichloroethene
Concen: 0.35 ug/L
RT: 4.675 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VU043227.D
Acq: 20 Apr 2021 16:40



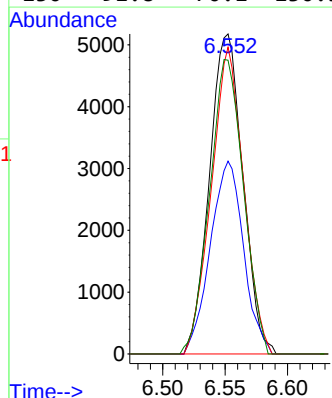
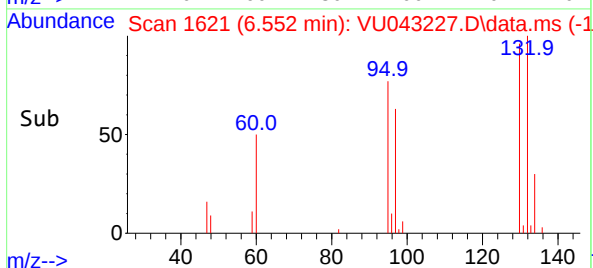
Tgt Ion: 96 Resp: 1939
Ion Ratio Lower Upper
96 100
61 165.6 87.4 162.4#
98 57.6 47.7 88.5



#34
Trichloroethene
Concen: 1.63 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU043227.D
Acq: 20 Apr 2021 16:40



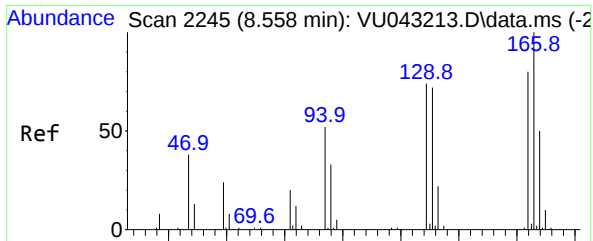
Tgt Ion: 95 Resp: 9651
Ion Ratio Lower Upper
95 100
97 60.3 45.8 85.2
132 95.8 68.7 127.7
130 91.8 70.1 130.3



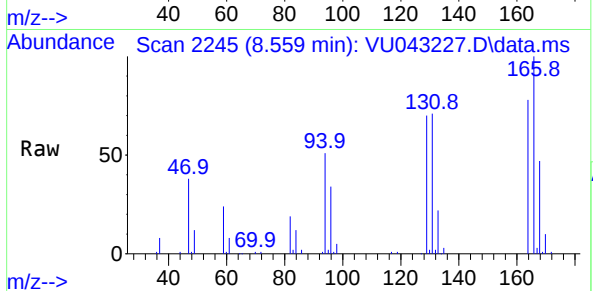
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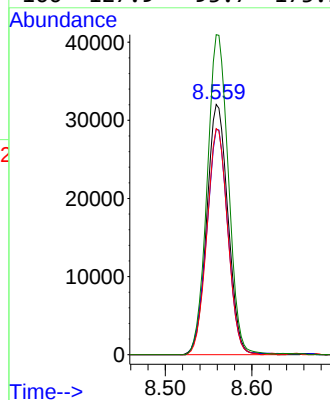
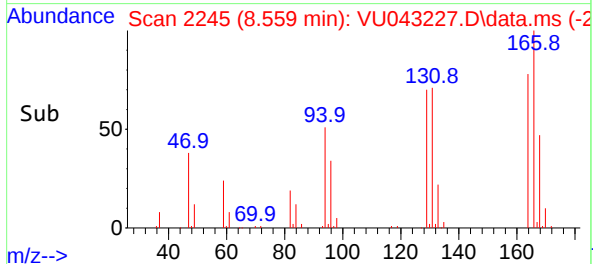


#47
Tetrachloroethene
Concen: 11.61 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU043227.D
Acq: 20 Apr 2021 16:40



Tgt Ion:164 Resp: 54568

Ion	Ratio	Lower	Upper
164	100		
129	90.1	66.6	123.8
131	90.4	65.9	122.3
166	127.9	93.7	173.9



Instrument :
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