

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV053119\
 Data File : VV011184.D
 Acq On : 31 May 2019 18:09
 Operator : SY/MD
 Sample : K3083-05
 Misc : 4.49G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51F8

Manual Integrations
 APPROVED

MMDadoda
 6/3/2019 7:08:48 AM

Quant Time: Jun 02 21:14:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 01 00:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	355902	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	299444	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	104454	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	95785	19.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.56%
7) Chloroethane-d5	1.57	69	82746	22.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.40%
10) 1,1-Dichloroethene-d2	2.12	63	161380	16.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.32%
20) 2-Butanone-d5	3.94	46	76707	43.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.16%
24) Chloroform-d	4.40	84	201164	23.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.48%
26) 1,2-Dichloroethane-d4	5.08	65	127038	22.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.64%
29) Benzene-d6	5.09	84	410556	25.24	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.96%
33) 1,2-Dichloropropane-d6	6.12	67	131125	25.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.68%
37) Toluene-d8	7.36	98	359200	23.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.64%
38) trans-1,3-Dichloropropene-	7.66	79	52357	22.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.80%
39) 2-Hexanone-d5	8.13	63	59934	50.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.22%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	98989	21.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.32%
61) 1,2-Dichlorobenzene-d4	11.67	152	83899	21.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.88%

Target Compounds

					Ovalue
13) Acetone	2.19	43	138768	67.775 ug/L	99
15) Methyl Acetate	2.46	43	27894	9.054 ug/L	100
21) 2-Butanone	4.03	43	12531m	5.217 ug/L	
35) Trichloroethene	5.96	95	44323	9.522 ug/L	99
47) Tetrachloroethene	8.02	164	2485	0.720 ug/L	81

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

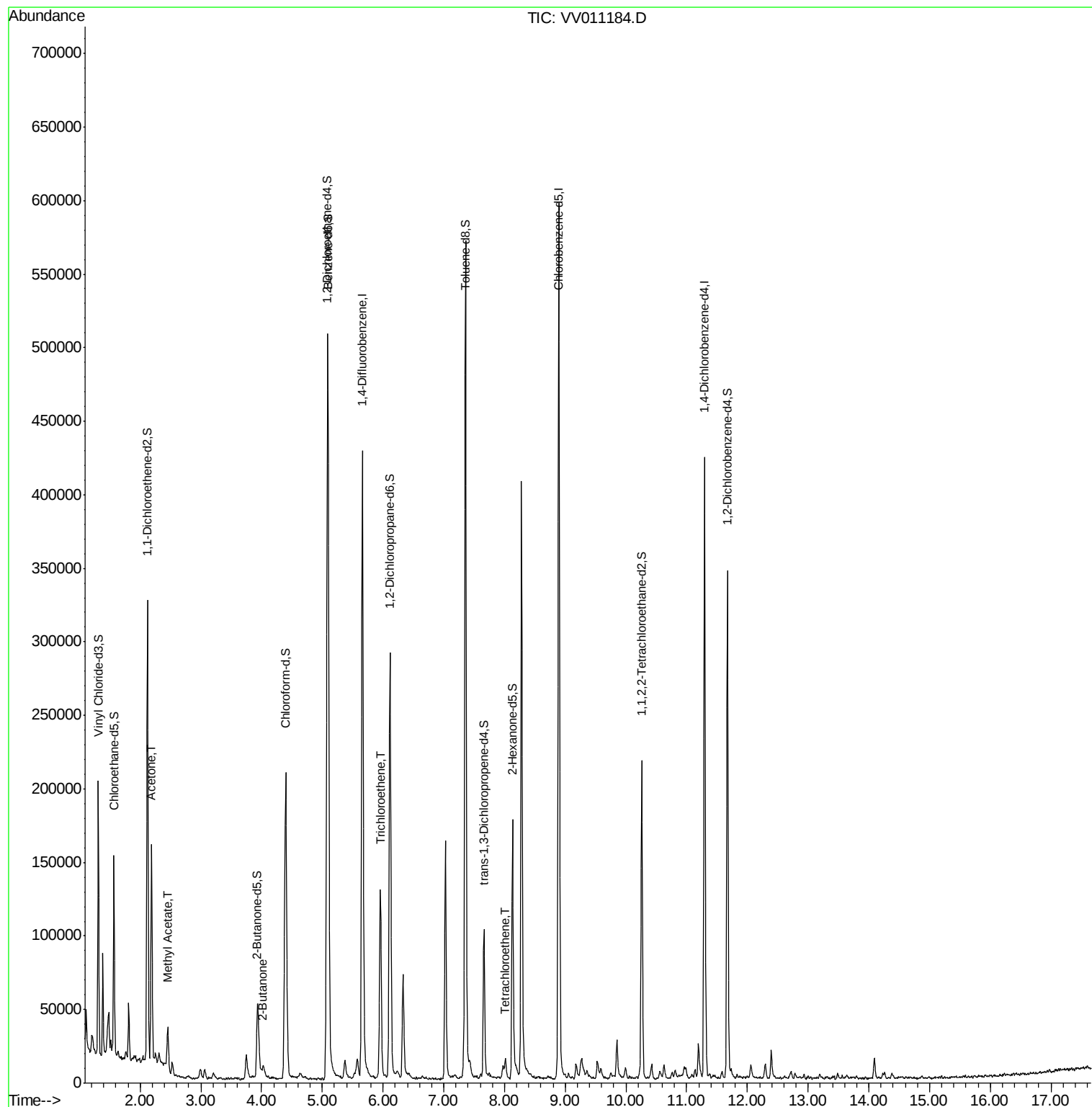
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV053119\
Data File : VV011184.D
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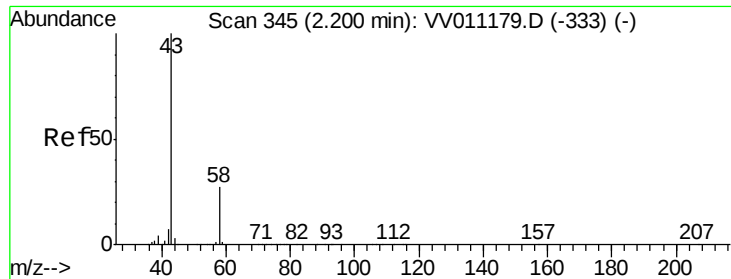
Instrument :
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Quant Title : VOC Analysis
QLast Update : Sat Jun 01 00:27:53 2019
Response via : Initial Calibration





#13

Acetone

Concen: 67.775 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.01 min

Lab File: VV011184.D

Acq: 31 May 2019 18:09

Instrument :

MSVOA_V

ClientSampled :

A51F8

Tot Ion: 43 Resp: 138768

Ion Ratio Lower Upper

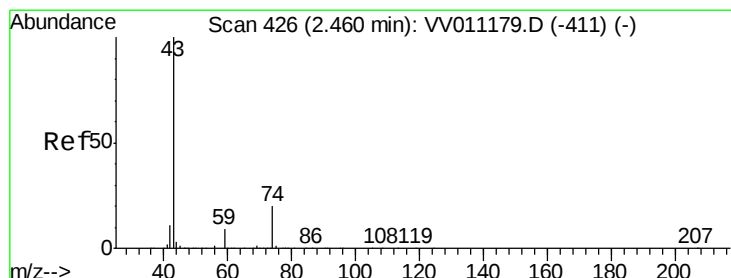
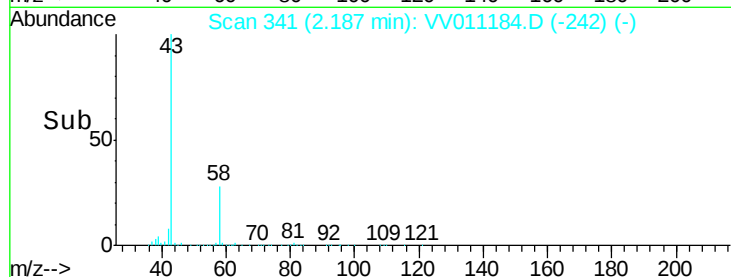
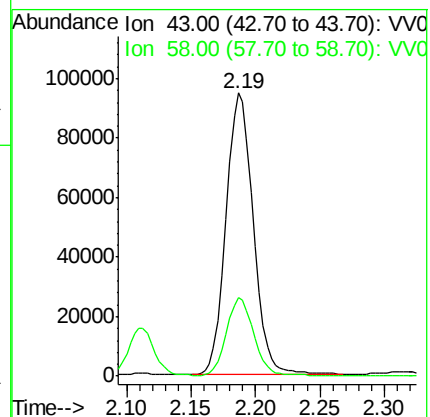
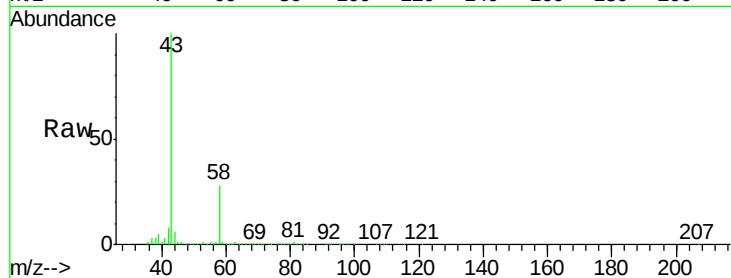
43 100

58 27.4 0.0 53.8

Manual Integrations
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#15

Methyl Acetate

Concen: 9.054 ug/L

RT: 2.46 min Scan# 425

Delta R.T. -0.00 min

Lab File: VV011184.D

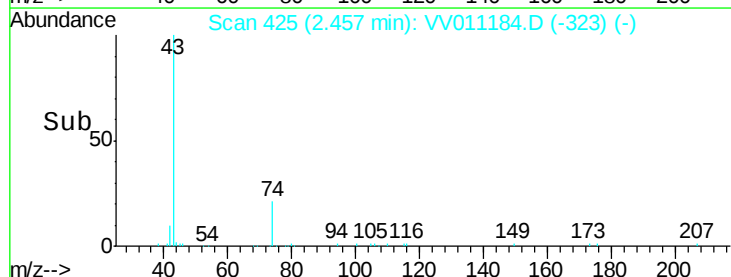
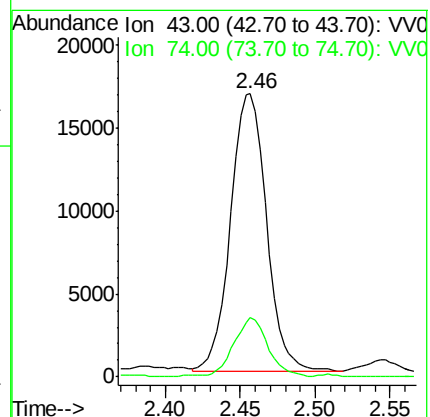
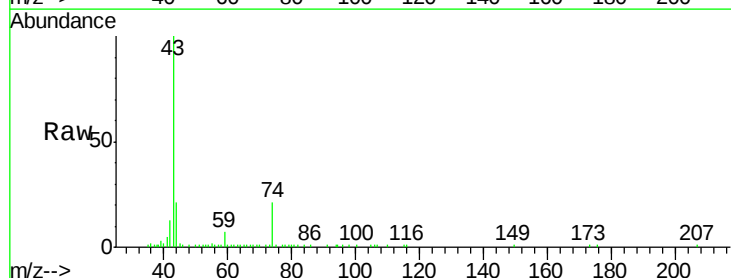
Acq: 31 May 2019 18:09

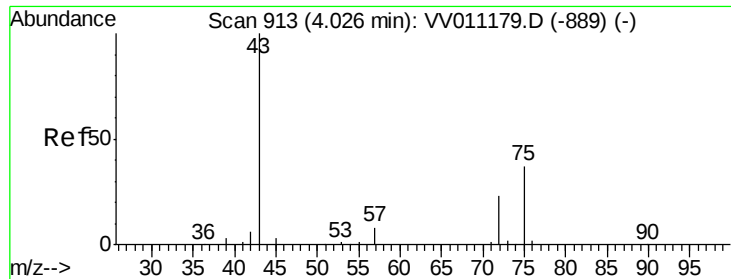
Tgt Ion: 43 Resp: 27894

Ion Ratio Lower Upper

43 100

74 20.4 16.2 24.4





#21

2-Butanone

Concen: 5.217 ug/L m

RT: 4.03 min Scan# 913

Delta R.T. -0.00 min

Lab File: VV011184.D

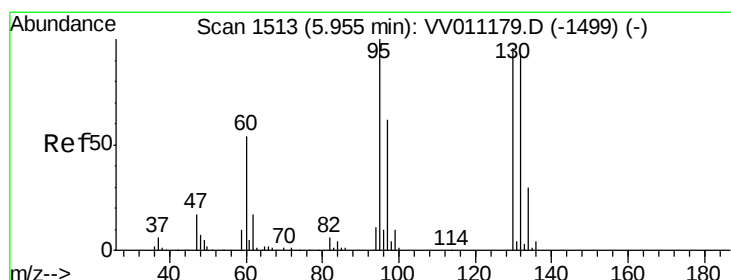
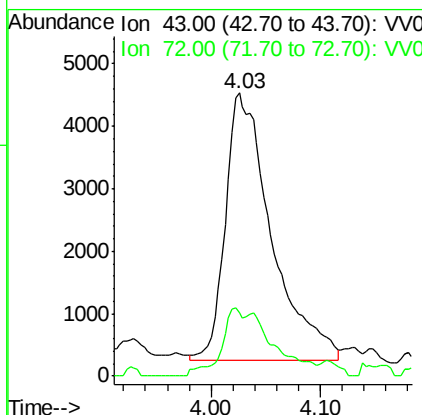
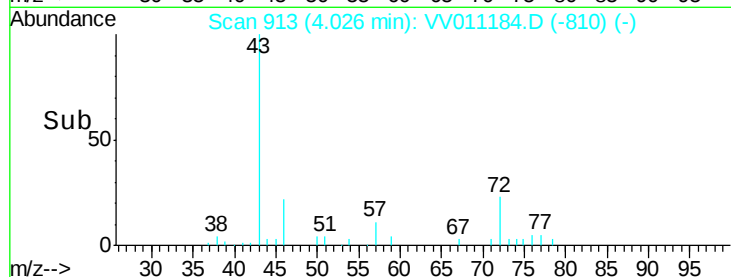
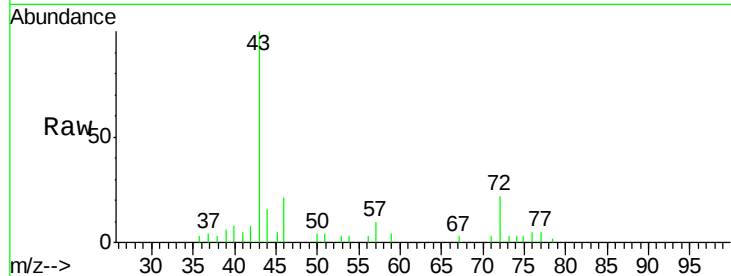
Acq: 31 May 2019 18:09

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Tot Ion	43	72	Resp	Lower	Upper
12531	100	0.8		11.1	33.3#

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#35

Trichloroethene

Concen: 9.522 ug/L

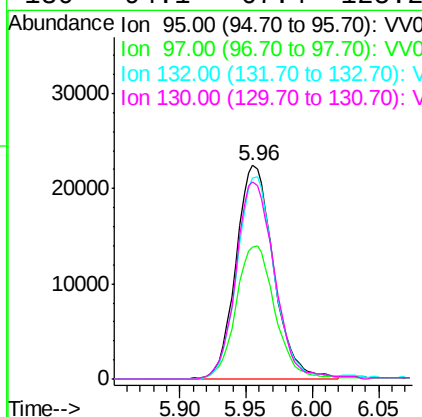
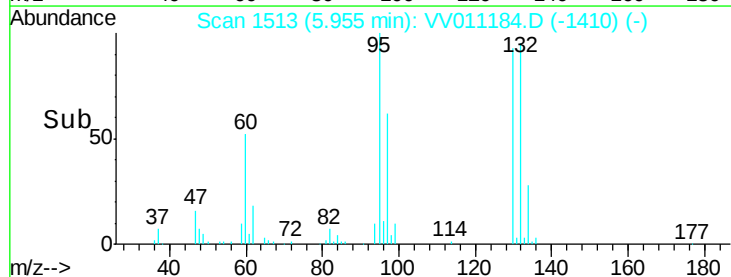
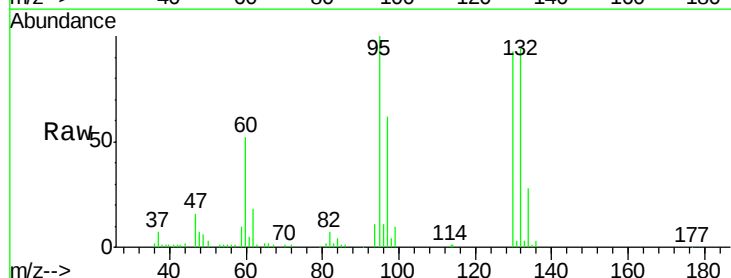
RT: 5.96 min Scan# 1513

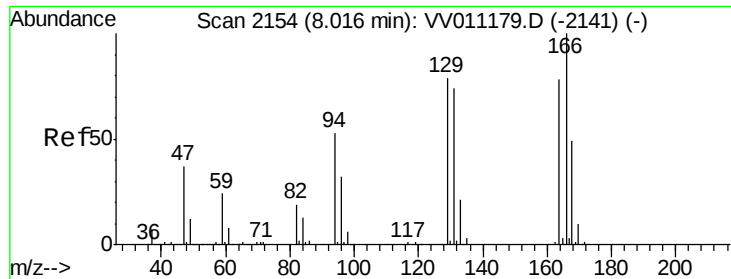
Delta R.T. -0.00 min

Lab File: VV011184.D

Acq: 31 May 2019 18:09

Tgt Ion	95	97	132	130	Resp	Lower	Upper
44323	100	64.8	93.8	94.1		44.4	82.5
						66.0	122.6
						67.4	125.2





#47
 Tetrachloroethene
 Concen: 0.720 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: VV011184.D
 Acq: 31 May 2019 18:09

Instrument :
 MSVOA_V
 ClientSampleId :
 A51F8

Tot Ion:	164	Resp:	2485
Ion Ratio	Lower	Upper	
164	100		
129	81.0	69.1	128.3
131	95.4	65.5	121.6
166	94.4	93.2	173.0

Manual Integrations
 APPROVED

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