

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051419\
 Data File : VL033695.D
 Acq On : 14 May 2019 17:37
 Operator : SY/AP
 Sample : K2730-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS02DL

Manual Integrations
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MMDadoda
 5/16/2019 5:41:14 AM

Quant Time: May 15 03:59:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050619AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon May 0
 QLast Update : Mon May 06 15:19:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	972036	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2550163	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2501389	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1969969	9.61	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.05	41	363691m	6.796	ppbv	
13) Ethanol	3.66	45	33371	2.077	ppbv	94
15) Acetone	3.91	43	924343m	6.392	ppbv	
19) Isopropyl Alcohol	4.04	45	56625	0.637	ppbv #	93
26) Hexane	5.78	57	64953	0.642	ppbv #	41
30) Cyclohexane	7.25	84	621305	7.316	ppbv	98
34) 2-Butanone	5.34	43	36829	0.226	ppbv	98
59) m/p-Xylene	13.11	91	40210m	0.140	ppbv	
62) Isopropylbenzene	14.82	105	75370	0.190	ppbv	99

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

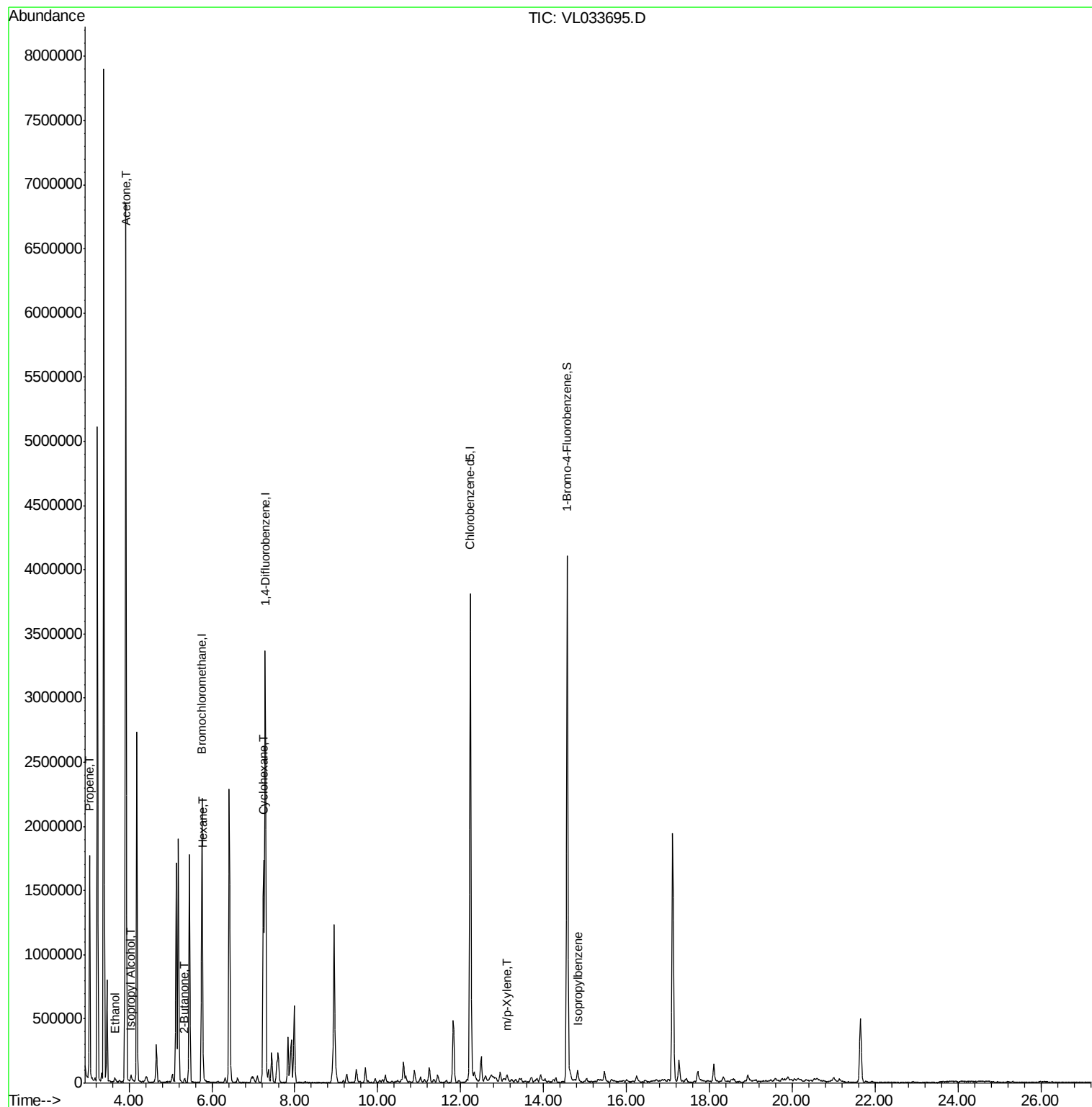
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Data File : VL033695.D
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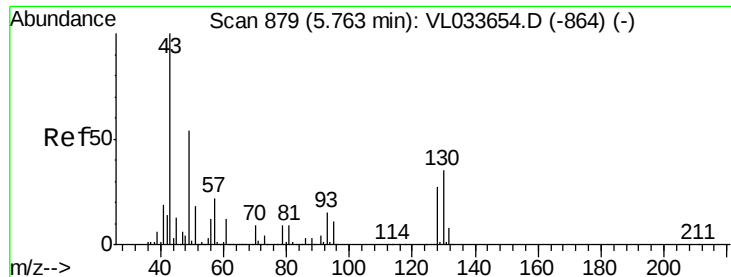
Instrument :
MSVOA_L
ClientSampleId :
SS02DL

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Quant Time: May 15 03:59:33 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL050619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon May
QLast Update : Mon May 06 15:19:01 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 877

Delta R.T. -0.01 min

Lab File: VL033695.D

Acq: 14 May 2019 17:37

Instrument :

MSVOA_L

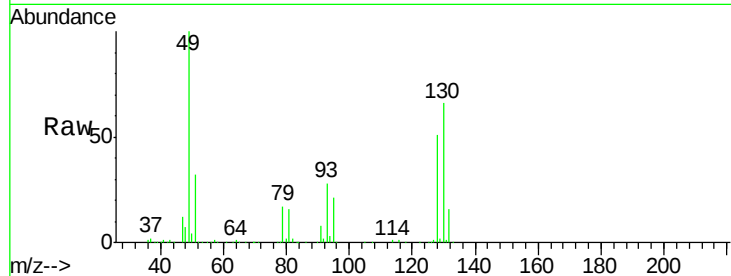
ClientSampled :

SS02DL

Tot Ion	Ratio	Lower	Upper
49	100		
128	52.0	24.8	74.3
130	66.7	32.1	96.5

Manual Integrations
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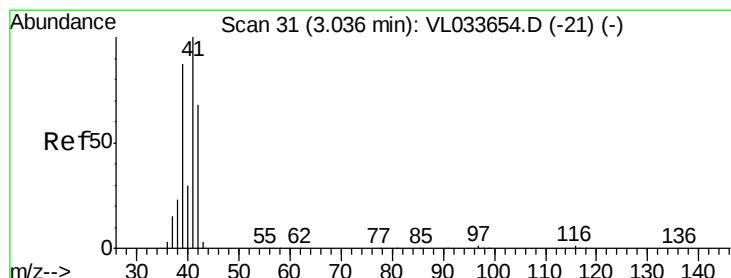
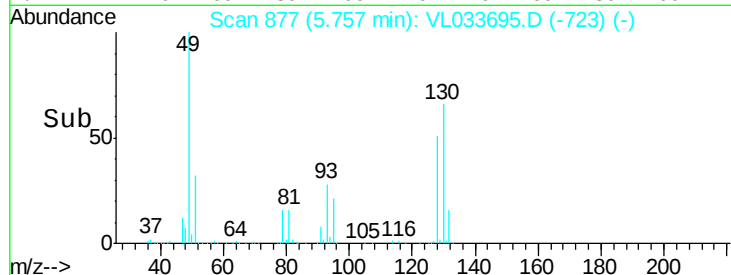
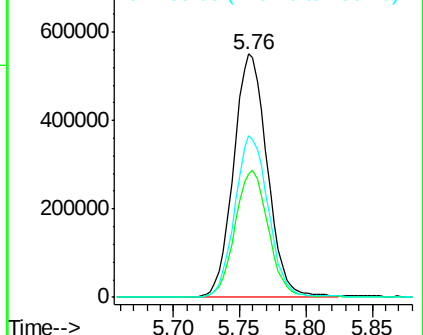
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 6.796 ppbv m

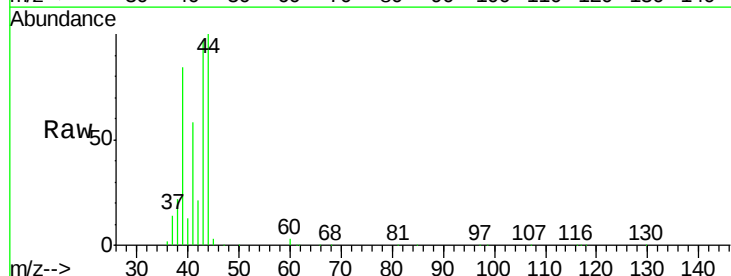
RT: 3.05 min Scan# 35

Delta R.T. 0.01 min

Lab File: VL033695.D

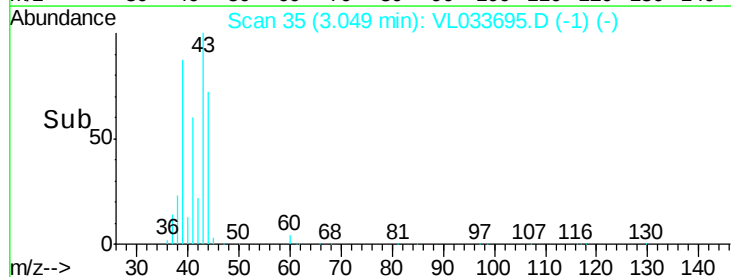
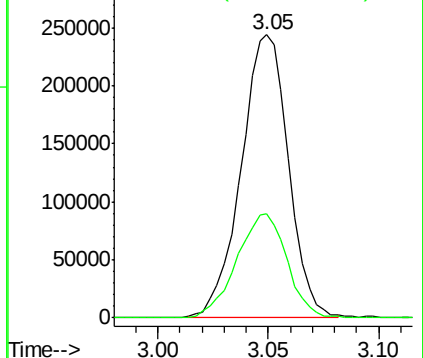
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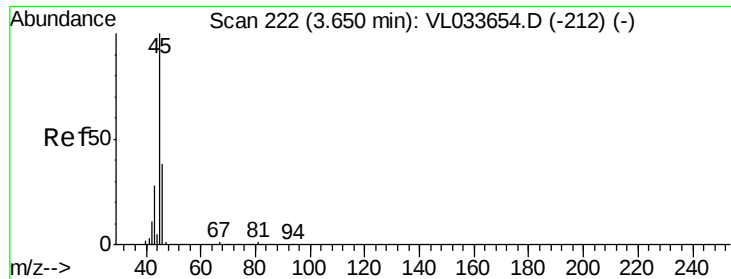
Tgt Ion	Ratio	Lower	Upper
41	100		
42	259.0	55.6	83.4#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





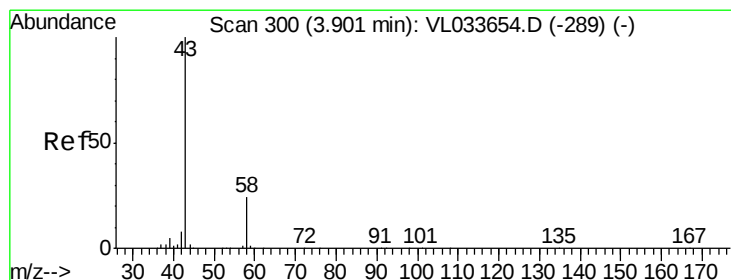
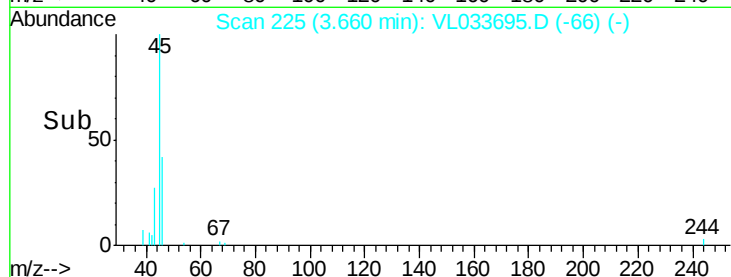
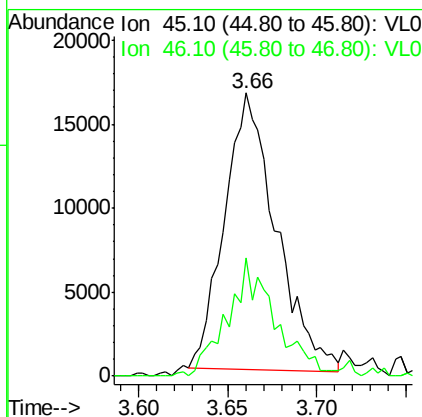
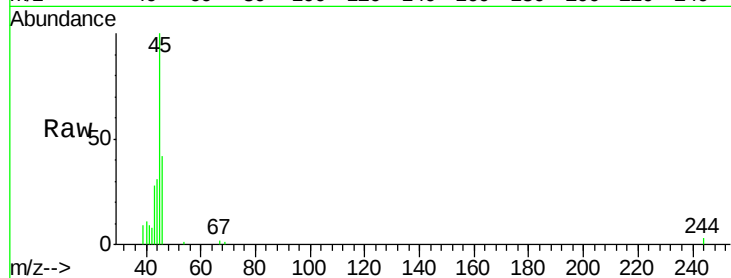
#13
Ethanol
Concen: 2.077 ppbv
RT: 3.66 min Scan# 225
Delta R.T. 0.01 min
Lab File: VL033695.D
Acq: 14 May 2019 17:37

Instrument :
MSVOA_L
ClientSampleId :
SS02DL

Tot Ion	45	Resp	33371
Ion Ratio	100	Lower	Upper
46	40.8	14.9	59.7

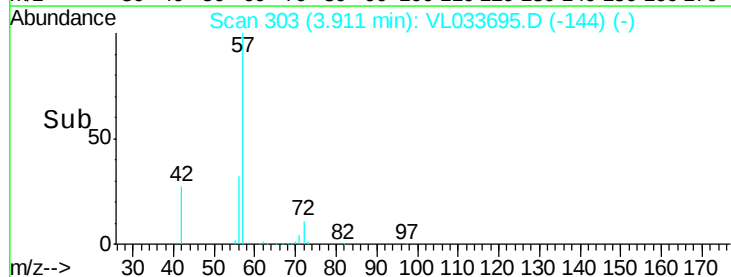
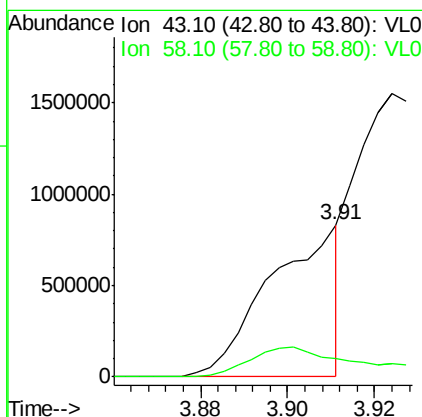
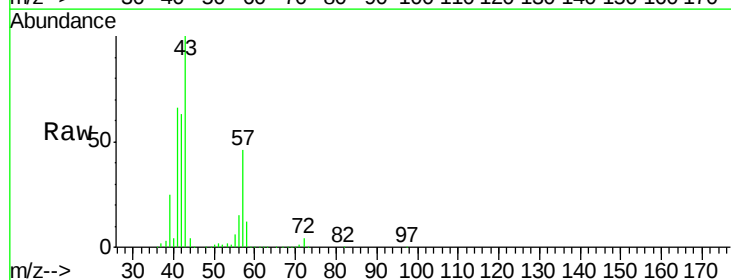
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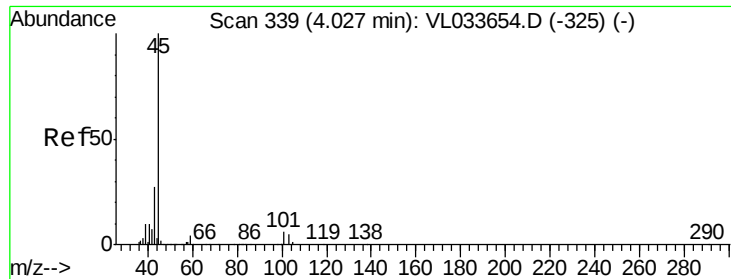
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#15
Acetone
Concen: 6.392 ppbv m
RT: 3.91 min Scan# 303
Delta R.T. 0.01 min
Lab File: VL033695.D
Acq: 14 May 2019 17:37

Tgt Ion	43	Resp	924343
Ion Ratio	100	Lower	Upper
58	32.4	20.9	31.3#





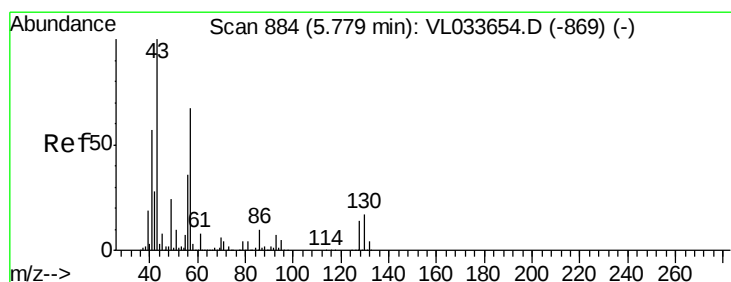
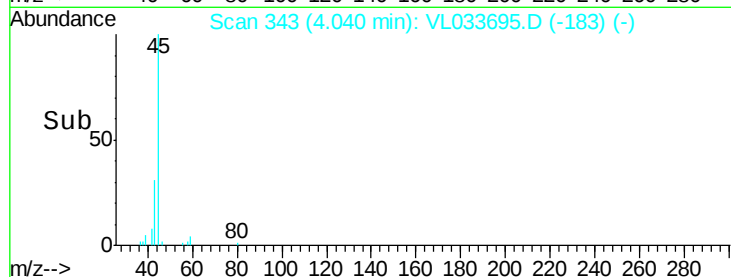
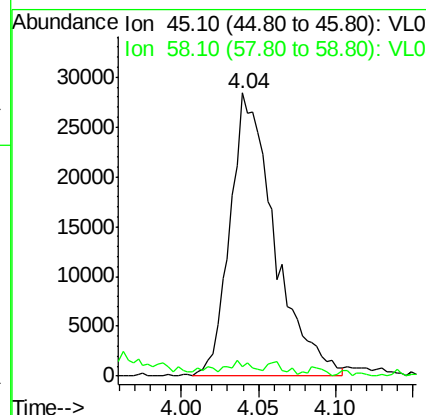
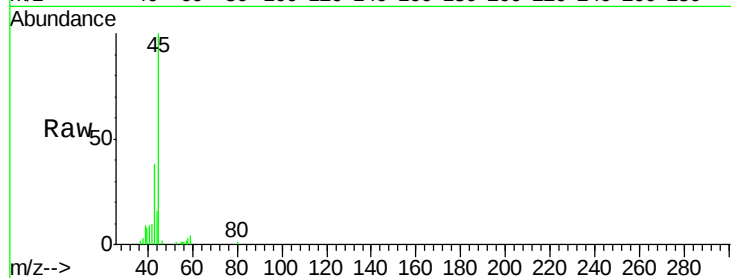
#19
Isopropyl Alcohol
Concen: 0.637 ppbv
RT: 4.04 min Scan# 343
Delta R.T. 0.01 min
Lab File: VL033695.D
Acq: 14 May 2019 17:37

Instrument :
MSVOA_L
ClientSampleId :
SS02DL

Tot Ion	Ratio	Lower	Upper
45	100		
58	0.0	2.0	3.0#

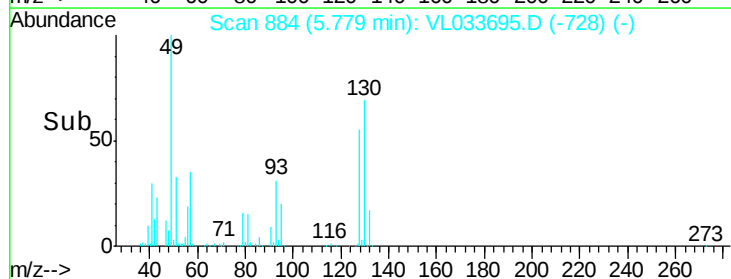
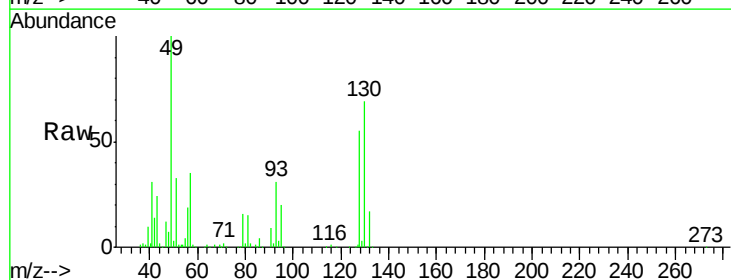
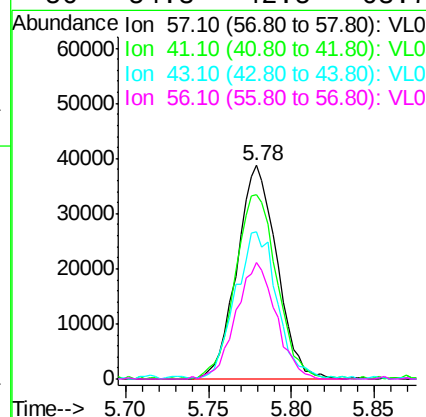
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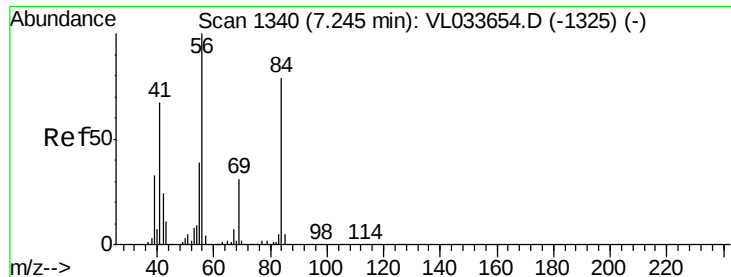
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#26
Hexane
Concen: 0.642 ppbv
RT: 5.78 min Scan# 884
Delta R.T. 0.00 min
Lab File: VL033695.D
Acq: 14 May 2019 17:37

Tgt Ion	Ratio	Lower	Upper
57	100		
41	89.2	69.7	104.5
43	72.6	181.9	272.9#
56	54.3	42.5	63.7





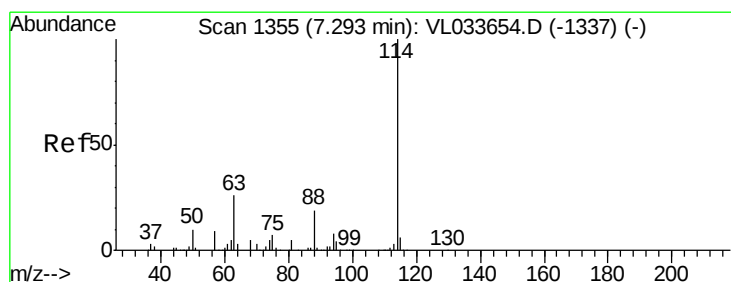
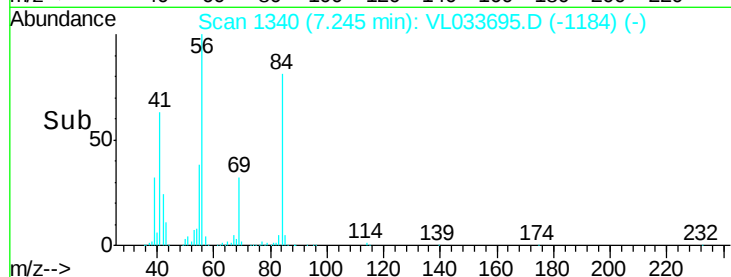
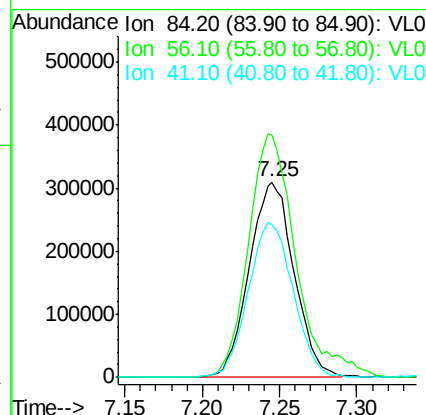
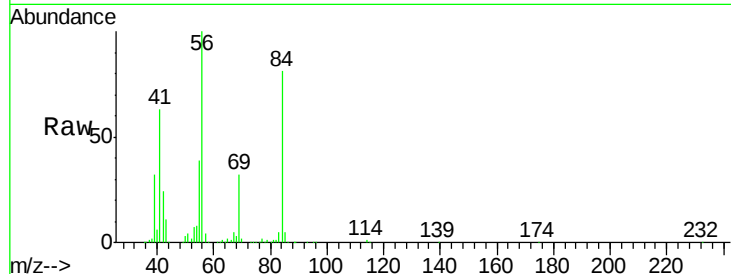
#30
Cvclohexane
Concen: 7.316 ppbv
RT: 7.25 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VL033695.D
Acq: 14 May 2019 17:37

Instrument :
MSVOA_L
ClientSampled :
SS02DL

Tot Ion	Ratio	Lower	Upper
84	100		
56	133.0	107.0	160.4
41	80.1	66.6	99.8

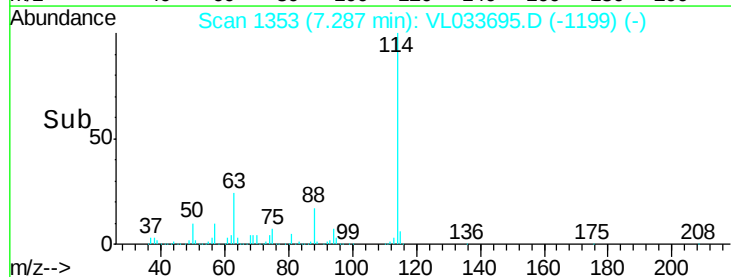
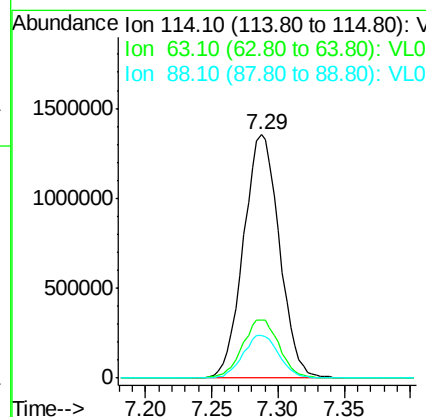
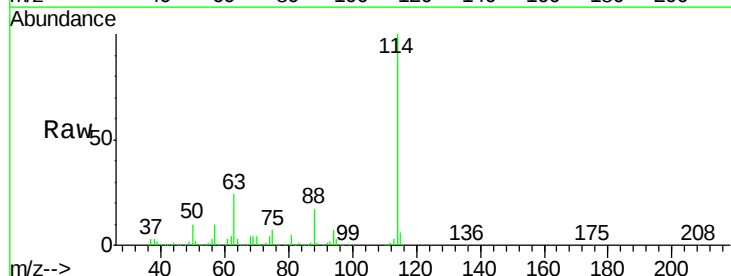
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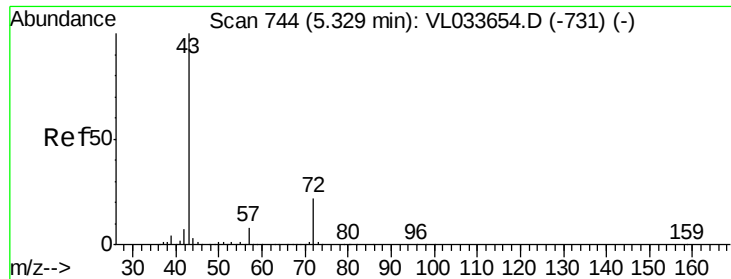
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.01 min
Lab File: VL033695.D
Acq: 14 May 2019 17:37

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.5	21.3	31.9
88	17.5	14.4	21.6





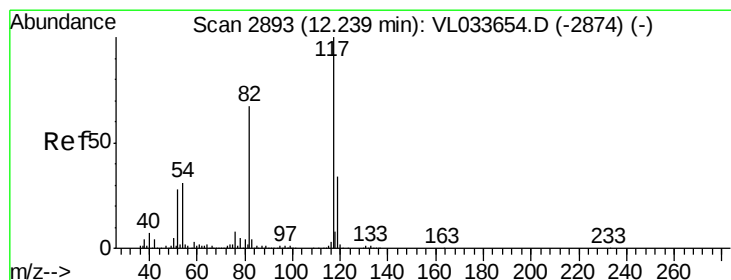
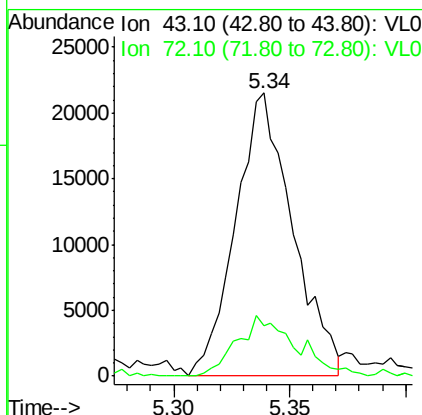
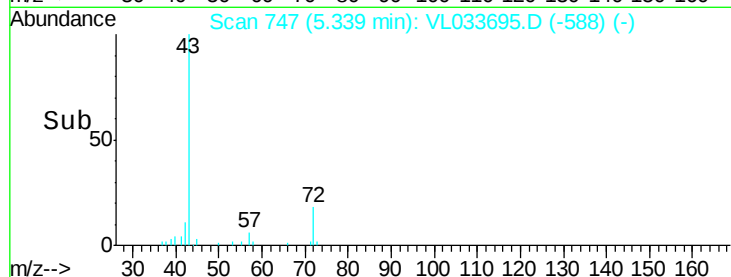
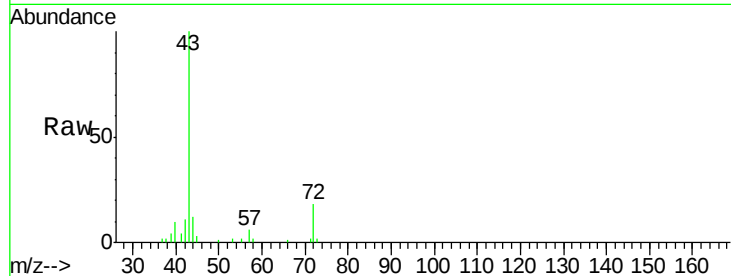
#34
2-Butanone
Concen: 0.226 ppbv
RT: 5.34 min Scan# 747
Delta R.T. 0.01 min
Lab File: VL033695.D
Acq: 14 May 2019 17:37

Instrument :
MSVOA_L
ClientSampleId :
SS02DL

Tot Ion	43	Resp	36829
Ion Ratio	100	Lower	Upper
43	100		
72	22.7	17.5	26.3

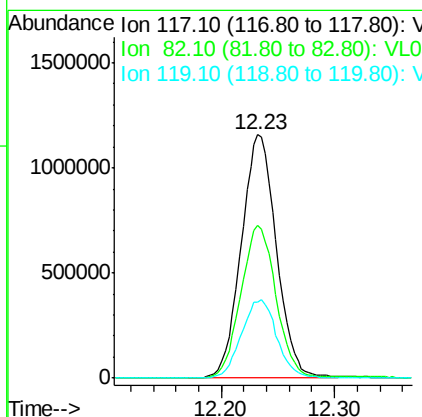
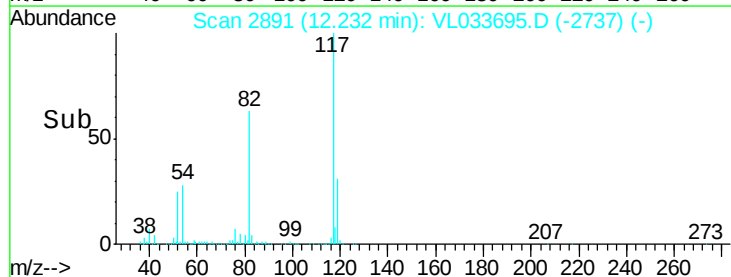
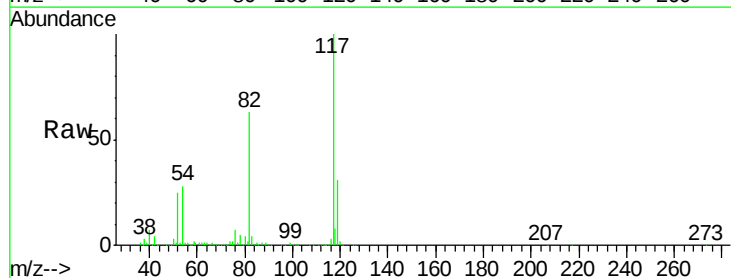
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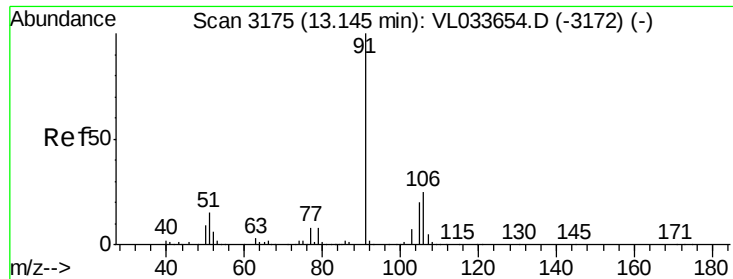
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2891
Delta R.T. -0.01 min
Lab File: VL033695.D
Acq: 14 May 2019 17:37

Tgt Ion	117	Resp	2501389
Ion Ratio	100	Lower	Upper
117	100		
82	63.0	49.7	74.5
119	32.6	24.8	37.2





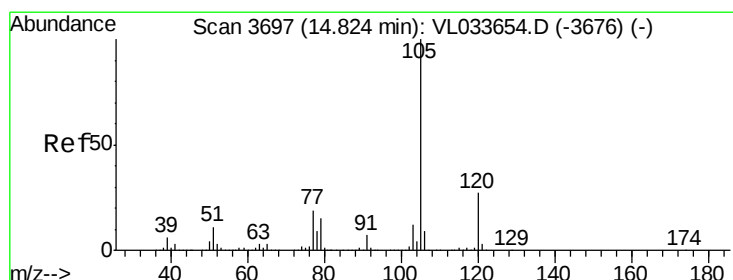
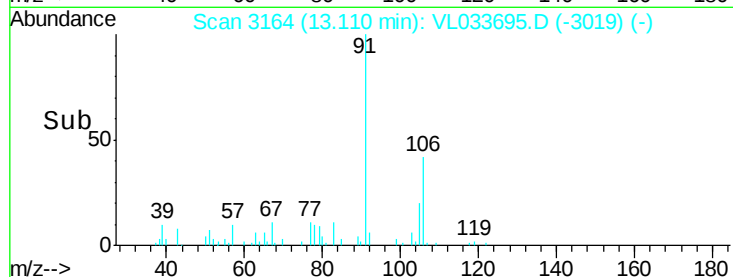
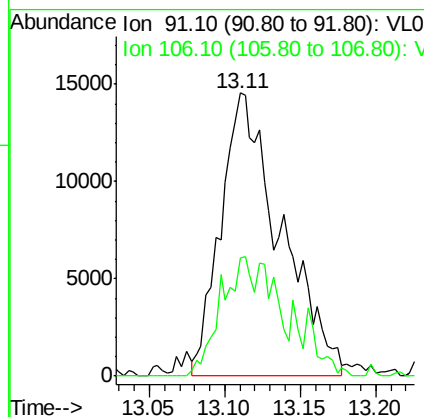
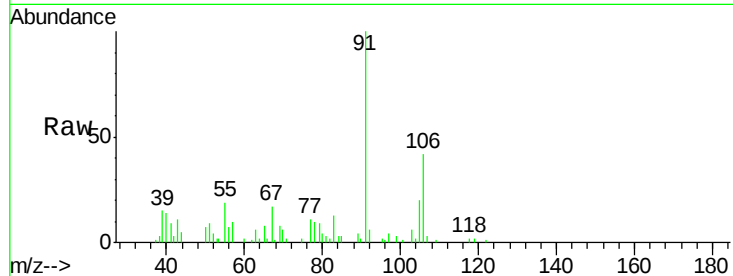
#59
m/p-Xylene
Concen: 0.140 ppbv m
RT: 13.11 min Scan# 3164
Delta R.T. -0.04 min
Lab File: VL033695.D
Acq: 14 May 2019 17:37

Instrument :
MSVOA_L
ClientSampleId :
SS02DL

Tot Ion: 91 Resp: 40210
Ion Ratio Lower Upper
91 100
106 0.0 36.2 54.2#

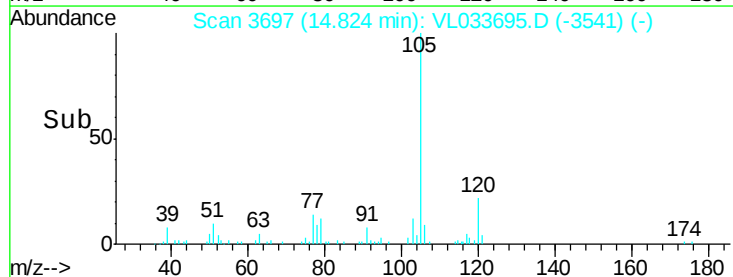
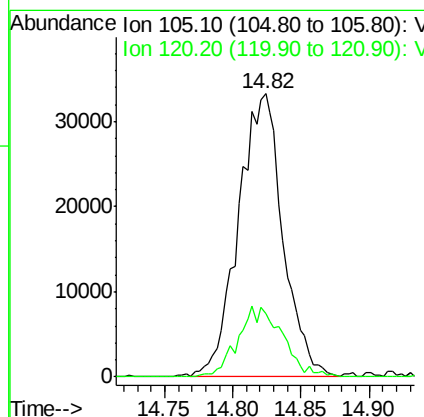
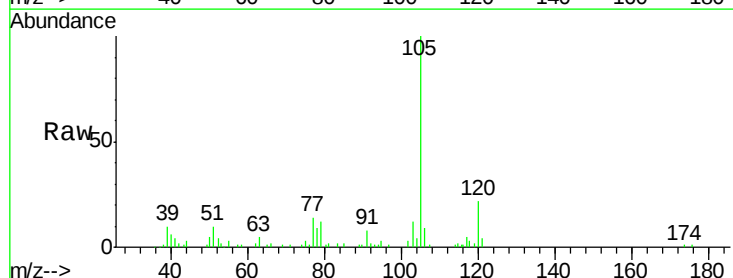
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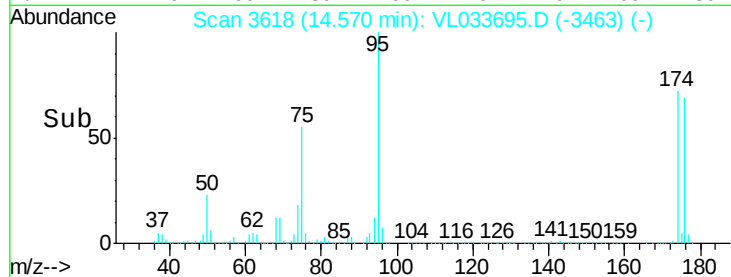
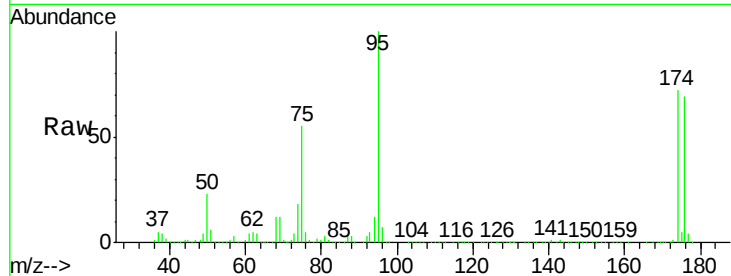
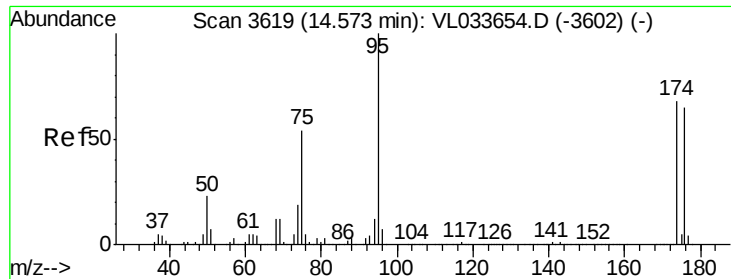
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#62
Isopropylbenzene
Concen: 0.190 ppbv
RT: 14.82 min Scan# 3697
Delta R.T. 0.00 min
Lab File: VL033695.D
Acq: 14 May 2019 17:37

Tgt Ion: 105 Resp: 75370
Ion Ratio Lower Upper
105 100
120 25.0 20.5 30.7





#68

1-Bromo-4-Fluorobenzene

Concen: 9.608 ppbv

RT: 14.57 min Scan# 3618

Delta R.T. -0.00 min

Lab File: VL033695.D

Acq: 14 May 2019 17:37

Instrument :

MSVOA_L

ClientSampleId :

SS02DL

Tot Ion: 95 Resp: 1969969

Ion Ratio Lower Upper

95 100

174 70.5 54.0 81.0

175 5.0 3.8 5.8

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