

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061818\
 Data File : VF059175.D
 Acq On : 18 Jun 2018 15:01
 Operator : VA/AP
 Sample : J3556-01
 Misc : 6.49g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 MW286-18-SRI3

Manual Integrations
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Quant Time: Jun 19 03:55:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 10:52:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	233110	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.76	114	367317	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	312430	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	159013	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	165497	58.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.08%	
35) Dibromofluoromethane	4.28	113	148592	57.65	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	115.30%	
50) Toluene-d8	7.70	98	357062	47.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.32%	
62) 4-Bromofluorobenzene	11.51	95	205281	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.72%	
Target Compounds						
16) Acetone	2.33	43	31177m	46.188	ug/l	Qvalue
20) Methylene Chloride	2.27	84	10614	6.567	ug/l #	94
73) Isopropylbenzene	11.22	105	26583	2.415	ug/l	99
83) tert-Butylbenzene	12.22	119	62105	6.864	ug/l	83
85) sec-Butylbenzene	12.38	105	197043	16.028	ug/l #	79

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

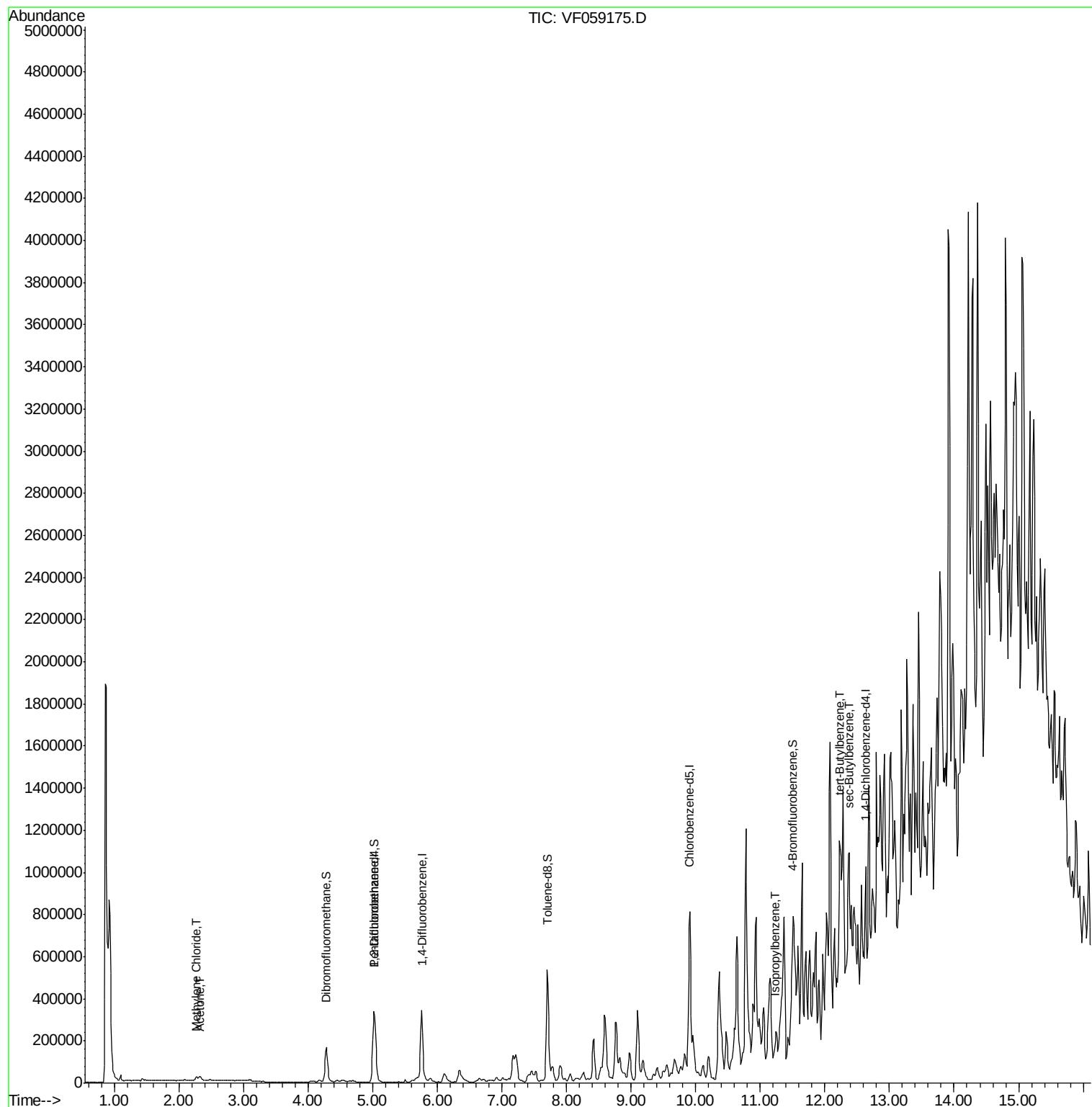
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF061818\
Data File : VF059175.D
Acq On : 18 Jun 2018 15:01
Operator : VA/AP
Sample : J3556-01
Misc : 6.49g/5mL/MSVOA-F/SOIL
ALS Vial : 9 Sample Multiplier: 1

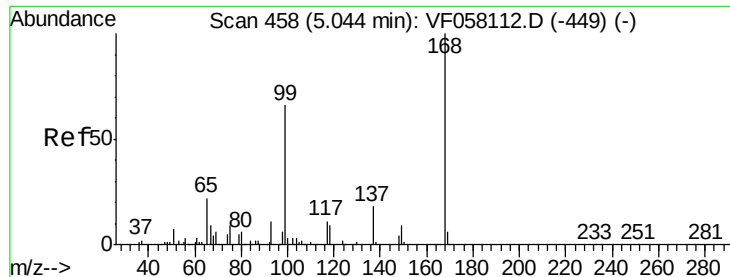
Instrument :
MSVOA_F
ClientSampleId :
MW286-18-SRI3

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Quant Time: Jun 19 03:55:58 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 10:52:00 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.01 min

Lab File: VF059175.D

Acq: 18 Jun 2018 15:01

Instrument :

MSVOA_F

ClientSampleId :

MW286-18-SRI3

Tot Ion:168 Resp: 233110

Ion Ratio Lower Upper

168 100

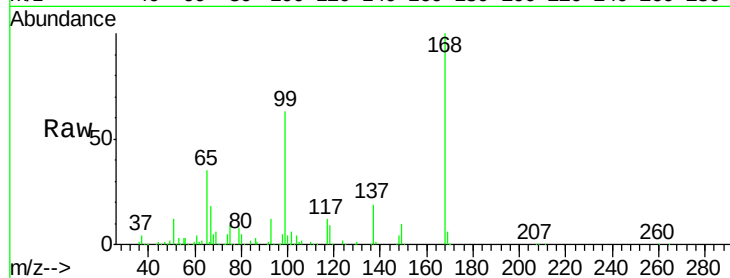
99 63.0 52.9 79.3

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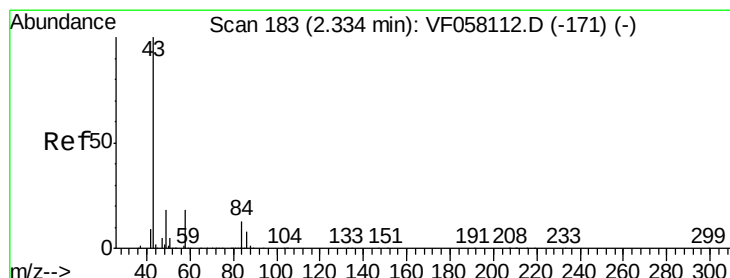
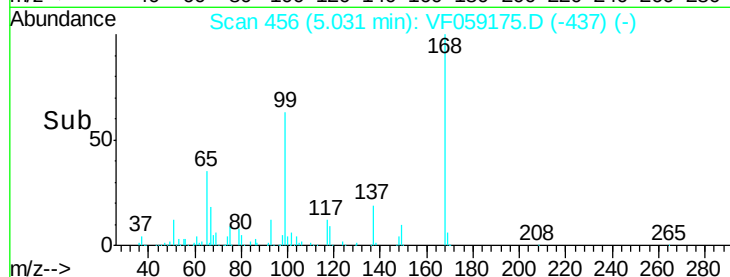
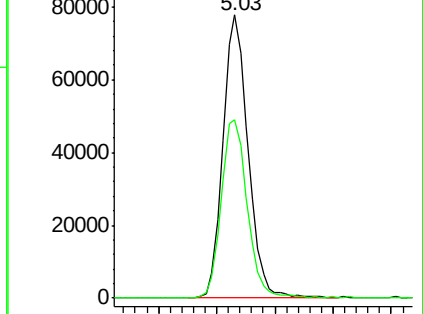
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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 46.188 ug/l m

RT: 2.33 min Scan# 182

Delta R.T. -0.00 min

Lab File: VF059175.D

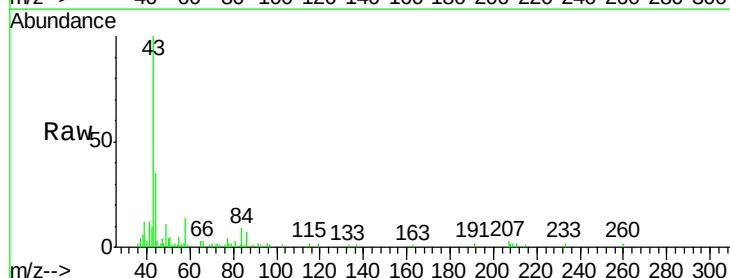
Acq: 18 Jun 2018 15:01

Tgt Ion: 43 Resp: 31177

Ion Ratio Lower Upper

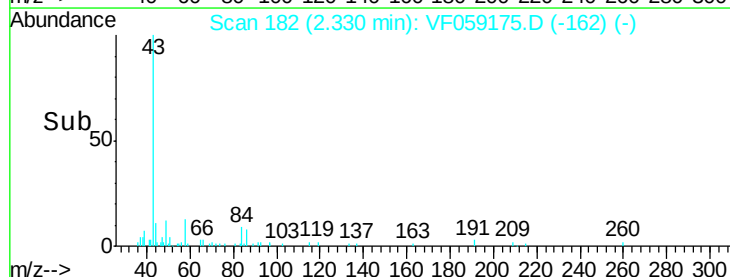
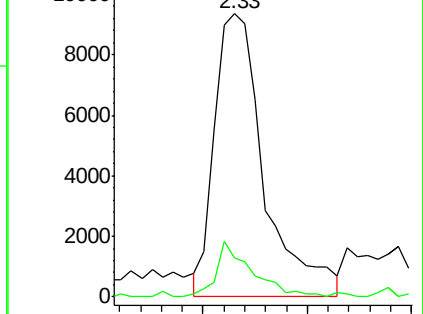
43 100

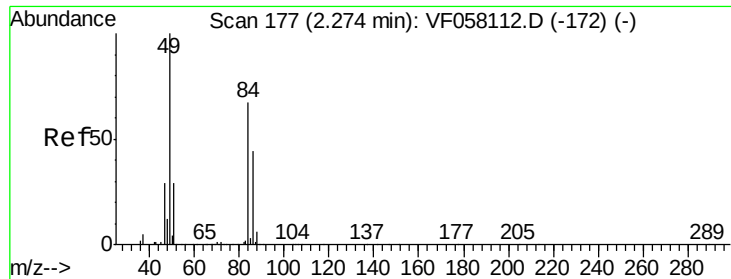
58 13.7 14.4 21.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





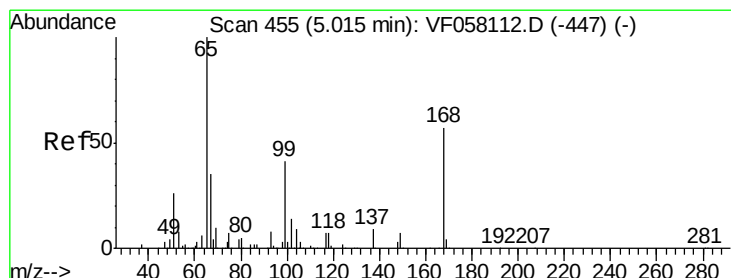
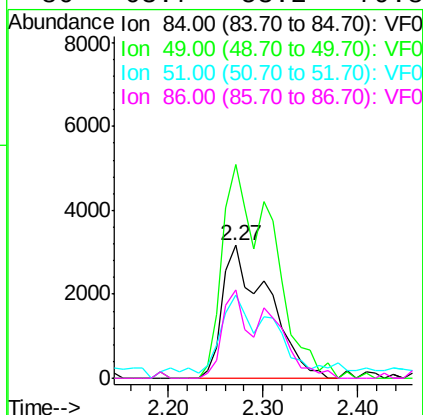
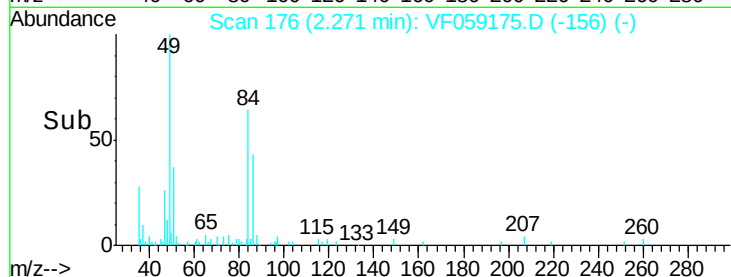
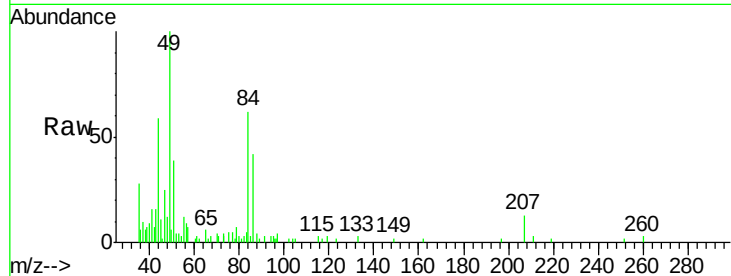
#20
Methylene Chloride
Concen: 6.567 ug/l
RT: 2.27 min Scan# 176
Delta R.T. -0.00 min
Lab File: VF059175.D
Acq: 18 Jun 2018 15:01

Instrument :
MSVOA_F
ClientSampleId :
MW286-18-SRI3

Tot Ion	Ratio	Lower	Upper
84	100		
49	153.3	121.0	181.4
51	59.3	35.8	53.6
86	63.7	53.2	79.8

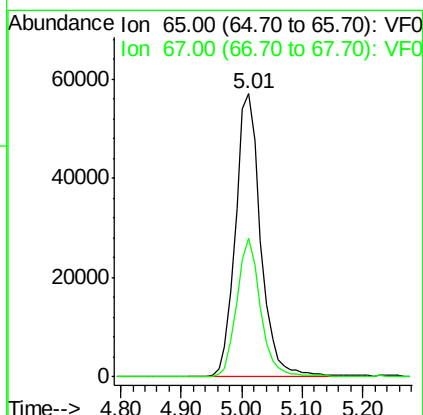
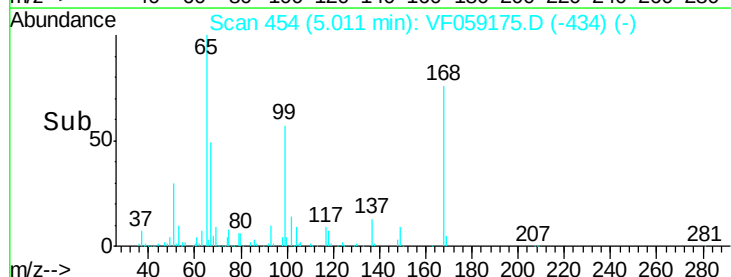
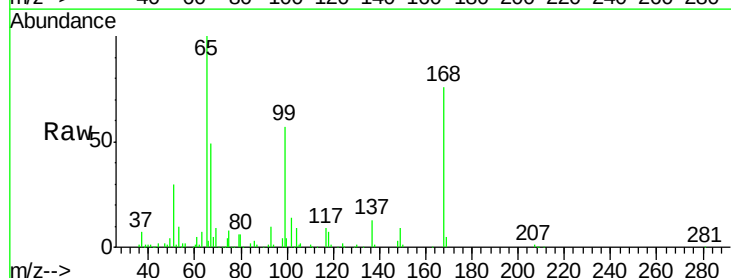
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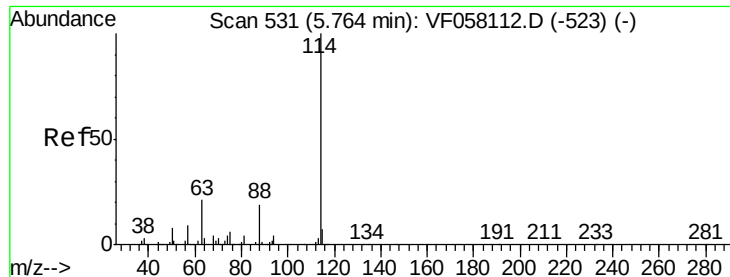
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#33
1,2-Dichloroethane-d4
Concen: 58.538 ug/l
RT: 5.01 min Scan# 454
Delta R.T. -0.00 min
Lab File: VF059175.D
Acq: 18 Jun 2018 15:01

Tgt Ion	Ratio	Lower	Upper
65	100		
67	48.9	0.0	97.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.76 min Scan# 530

Delta R.T. -0.00 min

Lab File: VF059175.D

Acq: 18 Jun 2018 15:01

Instrument :

MSVOA_F

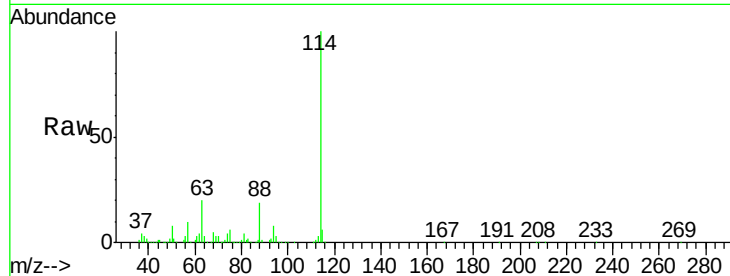
ClientSampleId :

MW286-18-SRI3

Tot Ion:	114	Resp:	367317
Ion Ratio	Lower	Upper	
114	100		
63	19.9	0.0	41.6
88	19.2	0.0	38.8

Manual Integrations
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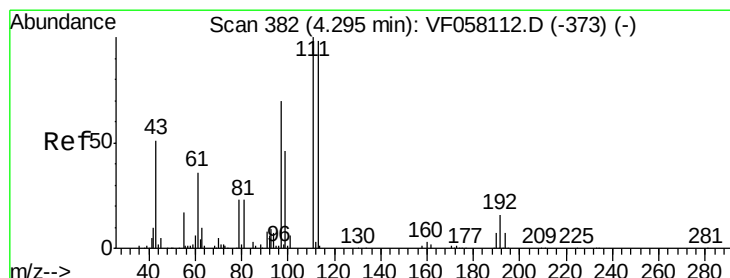
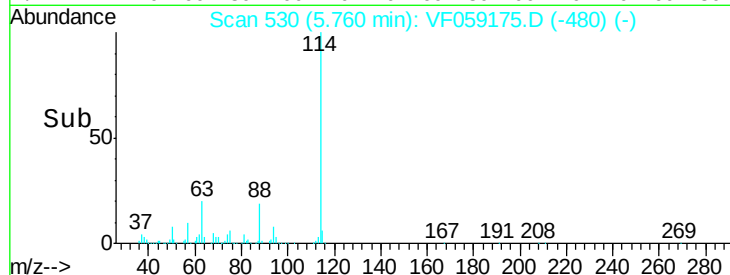
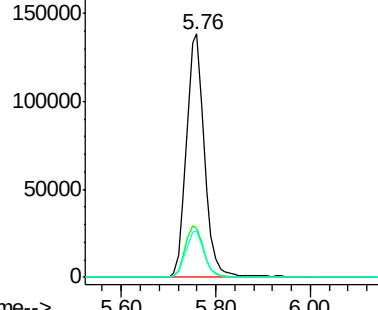
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Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 57.653 ug/l

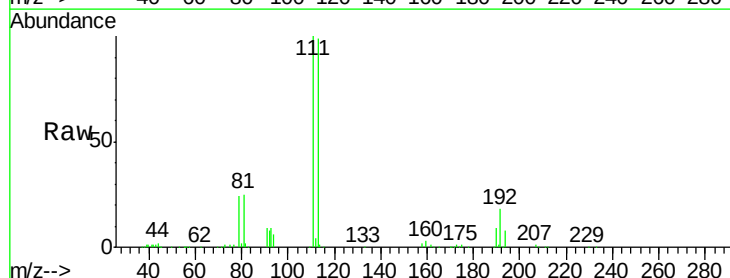
RT: 4.28 min Scan# 380

Delta R.T. -0.01 min

Lab File: VF059175.D

Acq: 18 Jun 2018 15:01

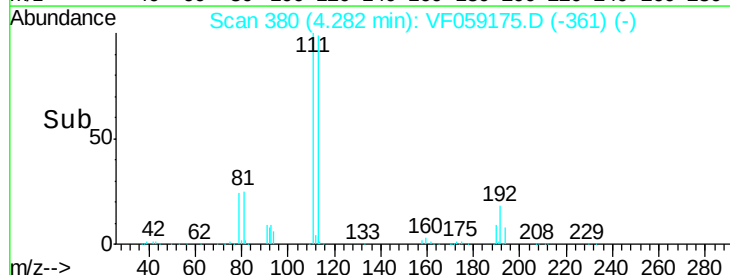
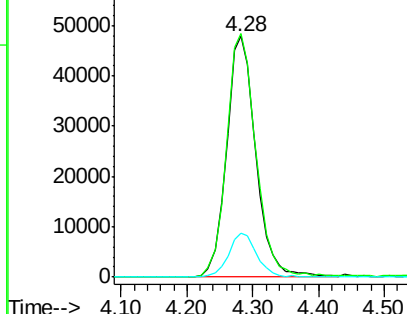
Tgt Ion:	113	Resp:	148592
Ion Ratio	Lower	Upper	
113	100		
111	101.1	81.3	121.9
192	18.5	12.7	19.1

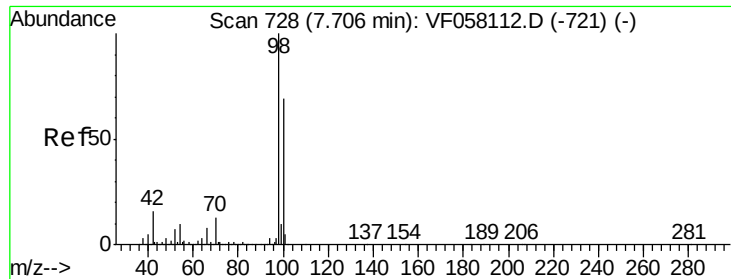


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





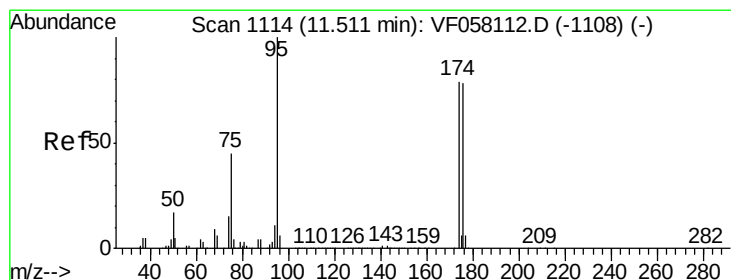
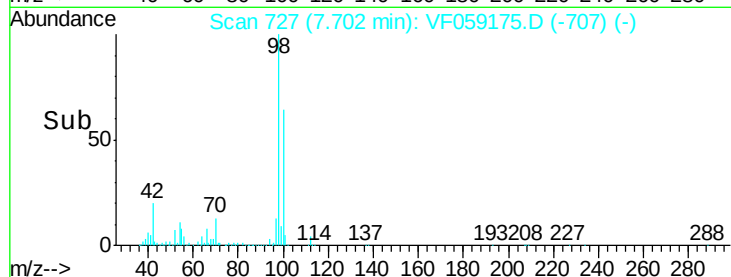
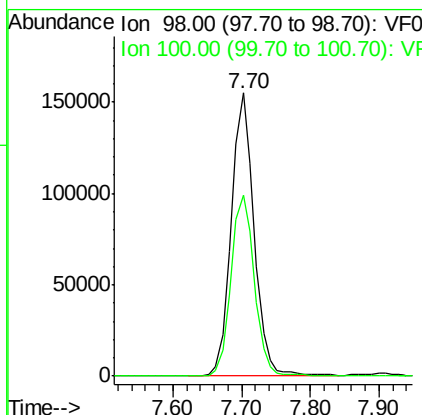
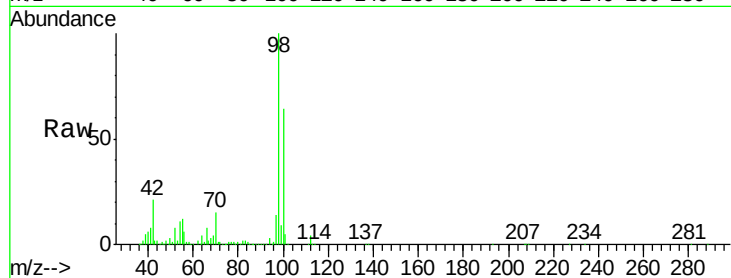
#50
Toluene-d8
Concen: 47.157 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.00 min
Lab File: VF059175.D
Acq: 18 Jun 2018 15:01

Instrument :
MSVOA_F
ClientSampleId :
MW286-18-SRI3

Tot Ion: 98 Resp: 357062
Ion Ratio Lower Upper
98 100
100 64.0 55.6 83.4

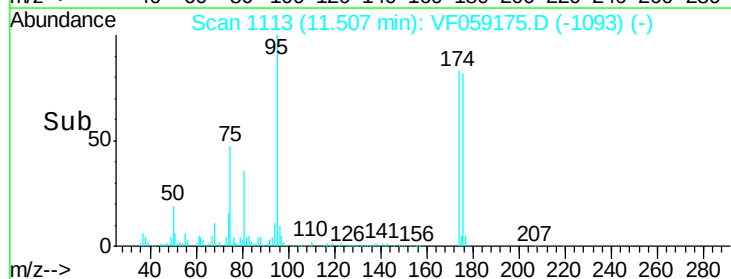
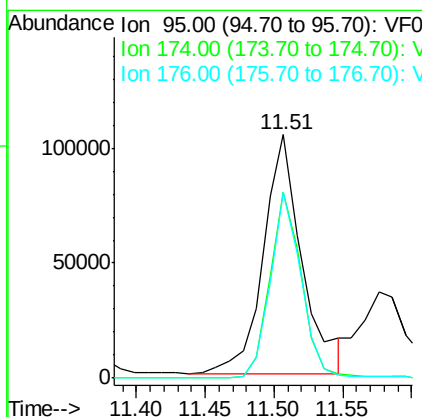
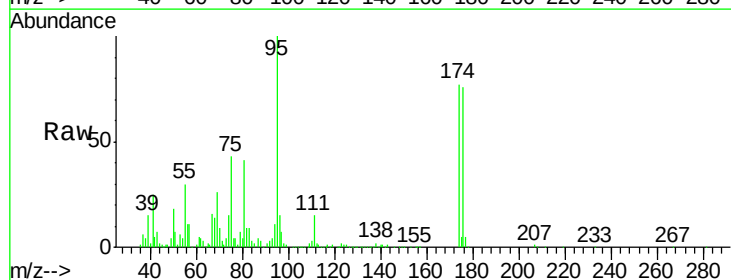
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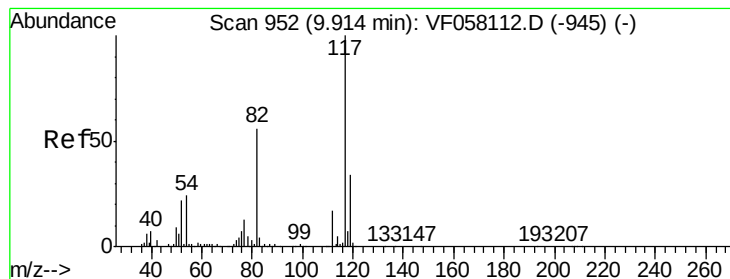
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#62
4-Bromofluorobenzene
Concen: 52.859 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VF059175.D
Acq: 18 Jun 2018 15:01

Tgt Ion: 95 Resp: 205281
Ion Ratio Lower Upper
95 100
174 76.7 0.0 157.8
176 76.2 0.0 155.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.91 min Scan# 951

Delta R.T. -0.00 min

Lab File: VF059175.D

Acq: 18 Jun 2018 15:01

Instrument :

MSVOA_F

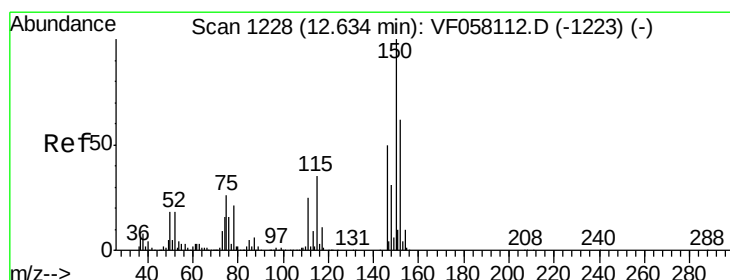
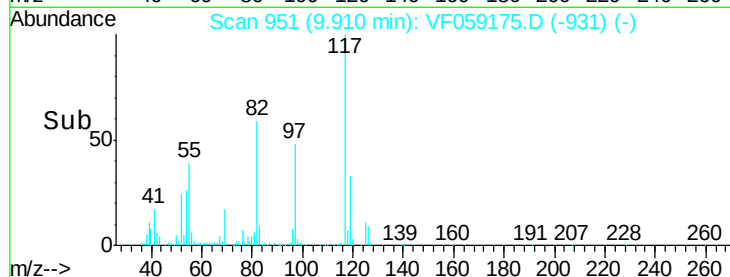
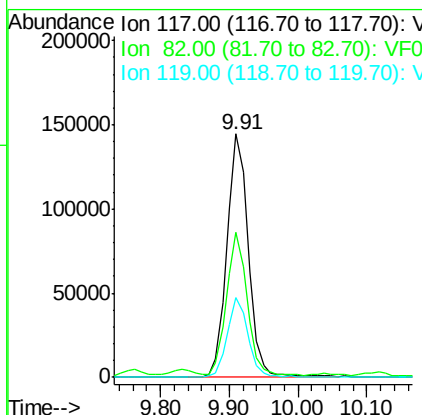
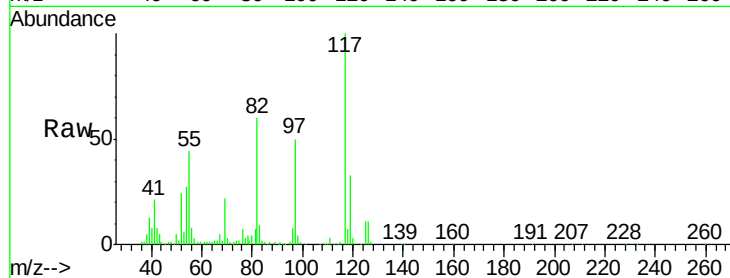
ClientSampleId :

MW286-18-SRI3

Tot Ion:	117	Resp:	312430
Ion Ratio	Lower	Upper	
117	100		
82	59.8	45.2	67.8
119	32.7	27.5	41.3

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

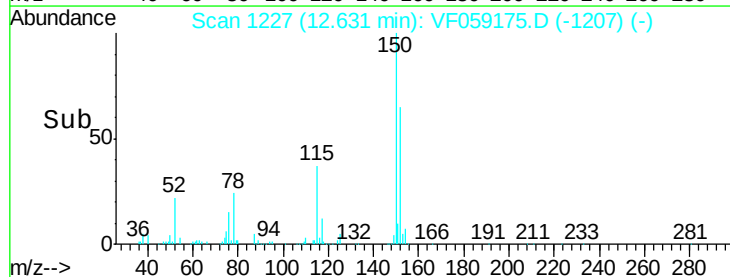
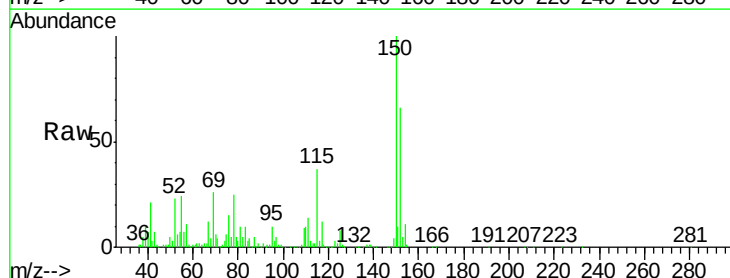
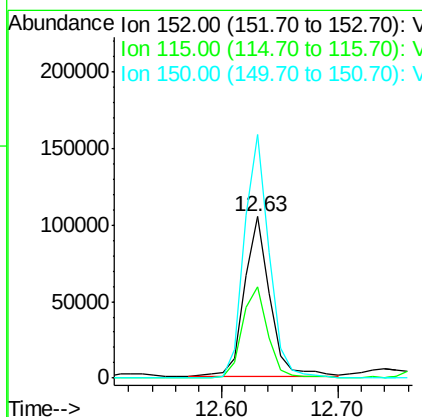
RT: 12.63 min Scan# 1227

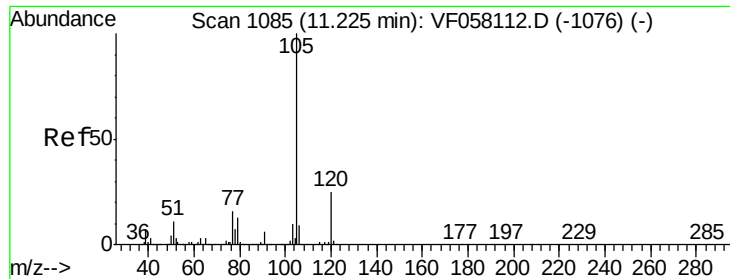
Delta R.T. -0.00 min

Lab File: VF059175.D

Acq: 18 Jun 2018 15:01

Tgt Ion:	152	Resp:	159013
Ion Ratio	Lower	Upper	
152	100		
115	56.4	28.5	85.5
150	150.7	0.0	323.8





#73

Isopropylbenzene

Concen: 2.415 ug/l

RT: 11.22 min Scan# 1084

Delta R.T. -0.00 min

Lab File: VF059175.D

Acq: 18 Jun 2018 15:01

Instrument :

MSVOA_F

ClientSampleId :

MW286-18-SRI3

Tot Ion:105 Resp: 26583

Ion Ratio Lower Upper

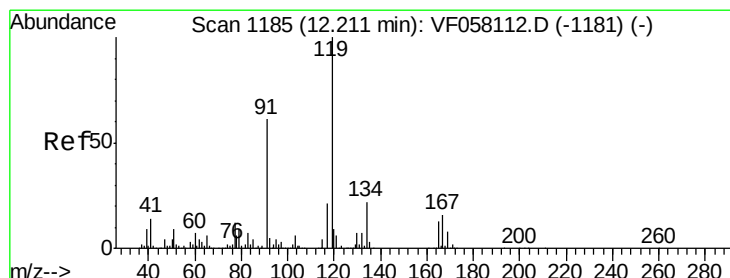
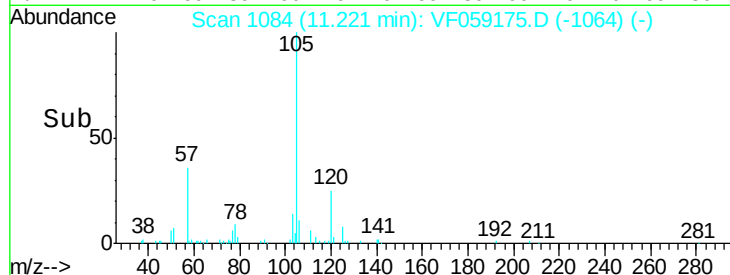
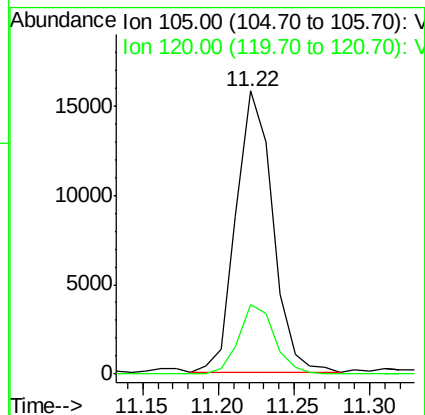
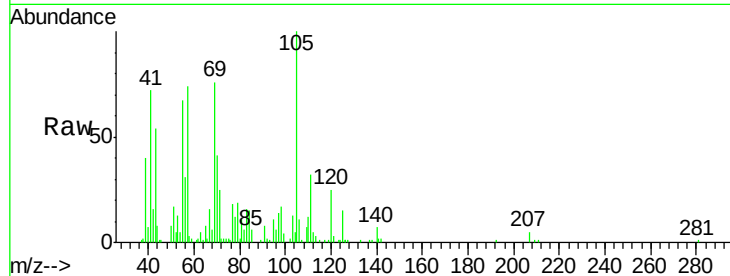
105 100

120 24.7 12.7 38.1

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#83

tert-Butylbenzene

Concen: 6.864 ug/l

RT: 12.22 min Scan# 1185

Delta R.T. 0.01 min

Lab File: VF059175.D

Acq: 18 Jun 2018 15:01

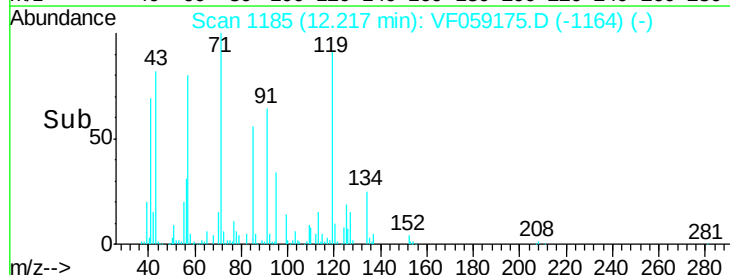
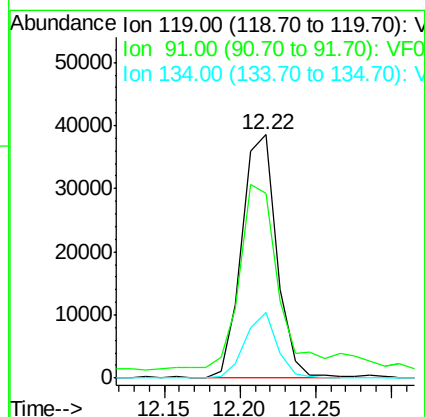
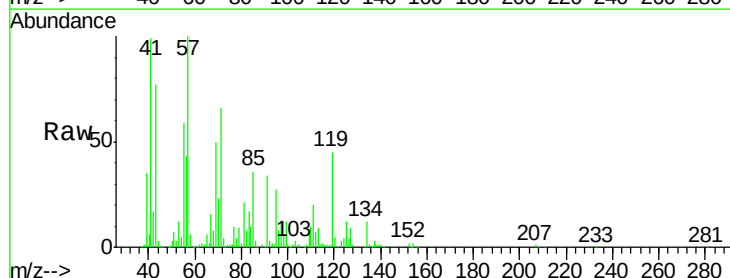
Tgt Ion:119 Resp: 62105

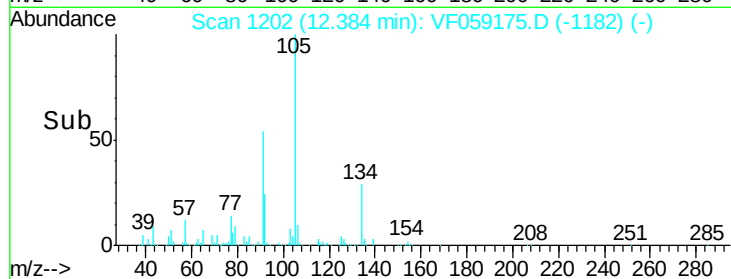
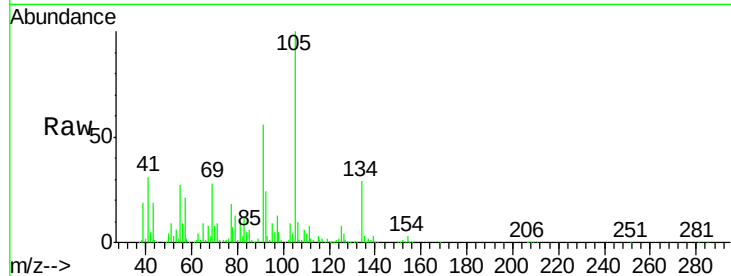
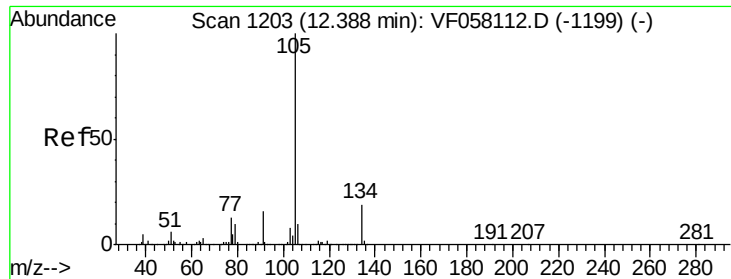
Ion Ratio Lower Upper

119 100

91 75.9 30.4 91.3

134 27.2 11.2 33.5





#85
 sec-Butylbenzene
 Concen: 16.028 ug/l
 RT: 12.38 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VF059175.D
 Acq: 18 Jun 2018 15:01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	197043		
134	28.7	9.6	28.6#	

Instrument :
 MSVOA_F
 ClientSampleId :
 MW286-18-SRI3

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