

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032619\
 Data File : VF062152.D
 Acq On : 26 Mar 2019 18:10
 Operator : VA/AP
 Sample : K2081-20
 Misc : 6.70g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S3B(27)

Manual Integrations
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 3/27/2019 12:01:43 PM

Quant Time: Mar 27 10:00:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 01:16:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	219175	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.58	114	336970	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.75	117	263836	50.00	ug/l	-0.05
72) 1,4-Dichlorobenzene-d4	12.53	152	146198	50.00	ug/l	-0.04
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	57334	35.17	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	70.34%	
35) Dibromofluoromethane	4.10	113	87332	38.31	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	76.62%	
50) Toluene-d8	7.54	98	229768	33.77	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	67.54%	
62) 4-Bromofluorobenzene	11.40	95	93968	35.77	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	71.54%	
Target Compounds						
8) Diethyl Ether	1.63	74	1935	2.581	ug/l	91
16) Acetone	2.23	43	10770	31.389	ug/l	95
20) Methylene Chloride	2.17	84	23864m	8.929	ug/l	
30) Chloroform	3.85	83	4339m	1.158	ug/l	
52) Toluene	7.60	92	15149	3.040	ug/l	85

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

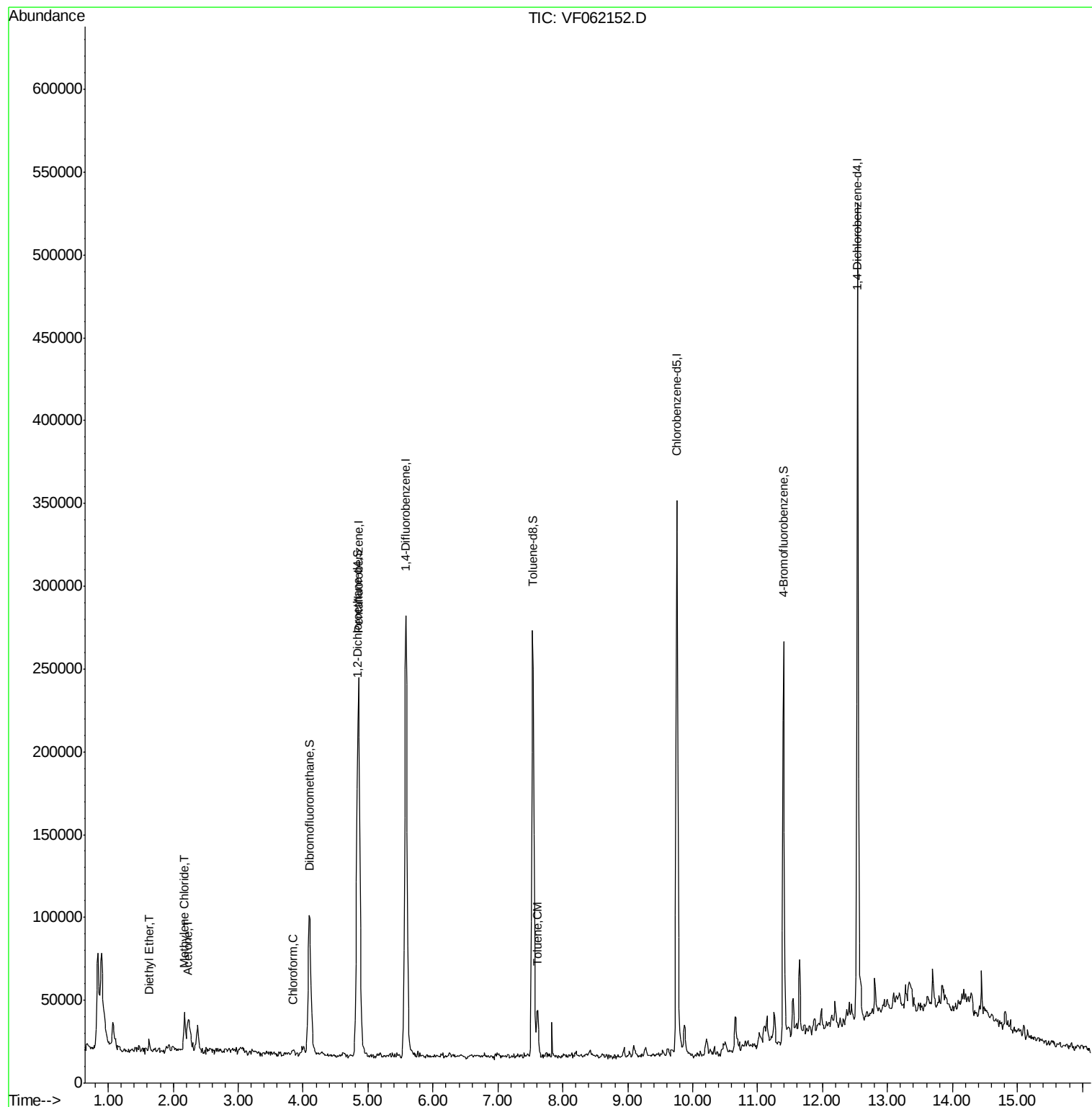
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032619\
Data File : VF062152.D
Acq On : 26 Mar 2019 18:10
Operator : VA/AP
Sample : K2081-20
Misc : 6.70g/5mL/MSVOA-F/SOIL
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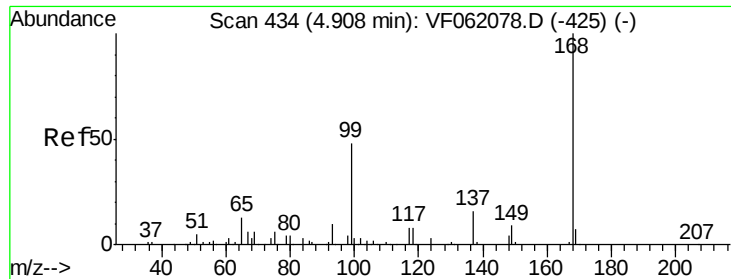
Instrument :
MSVOA_F
ClientSampleId :
S3B(27)

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Quant Time: Mar 27 10:00:16 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 23 01:16:37 2019
Response via : Initial Calibration





#1

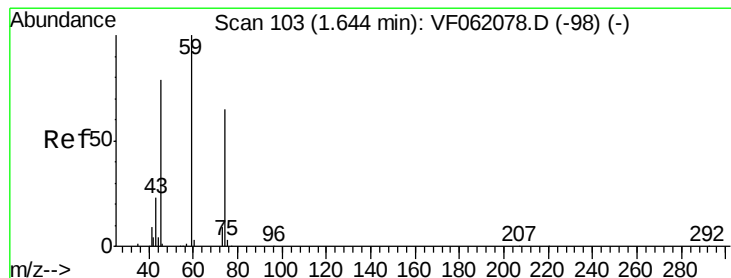
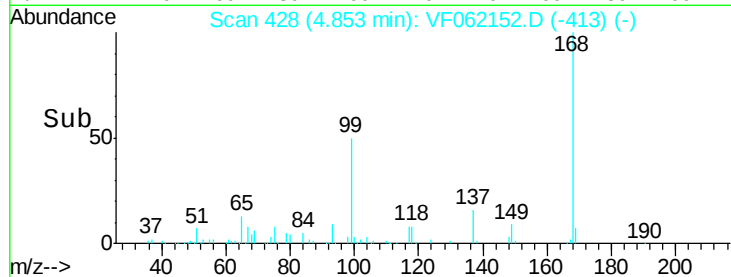
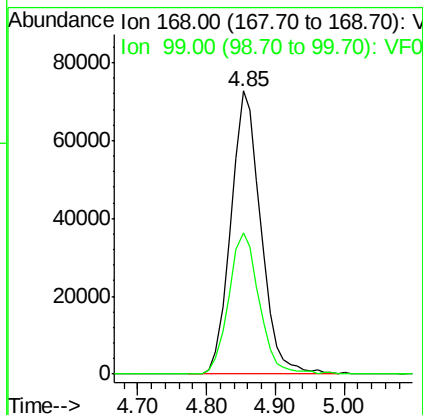
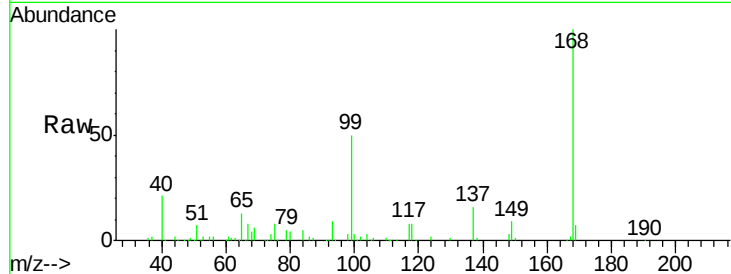
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 4.85 min Scan# 428
 Delta R.T. -0.05 min
 Lab File: VF062152.D
 Acq: 26 Mar 2019 18:10

Instrument :
 MSVOA_F
 ClientSampled :
 S3B(27)

Tot Ion	Ratio	Resp	Lower	Upper
168	100	219175		
99	49.9	38.2	57.4	

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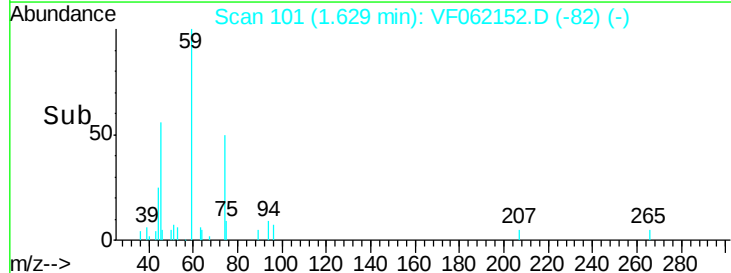
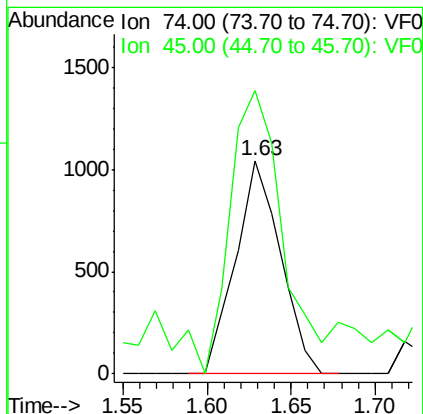
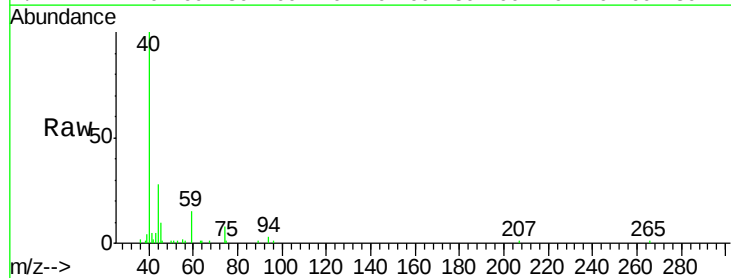
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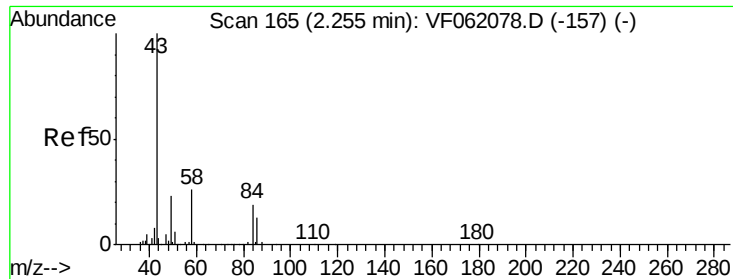


#8

Diethyl Ether
 Concen: 2.581 ug/l
 RT: 1.63 min Scan# 101
 Delta R.T. -0.02 min
 Lab File: VF062152.D
 Acq: 26 Mar 2019 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	1935		
45	132.5	61.4	184.2	





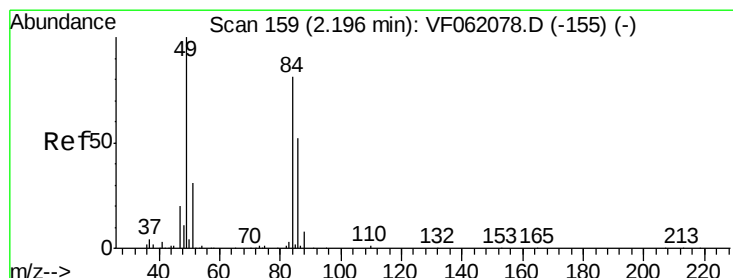
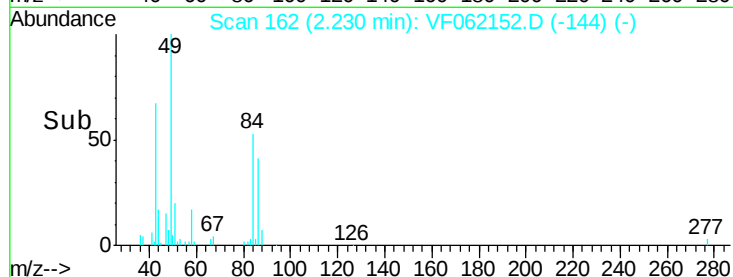
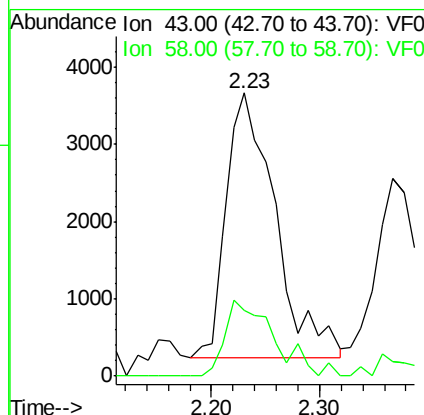
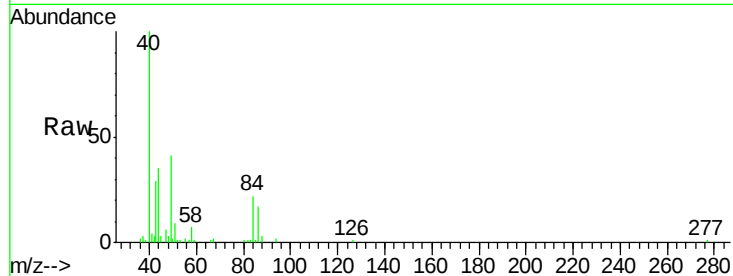
#16
Acetone
Concen: 31.389 ug/l
RT: 2.23 min Scan# 162
Delta R.T. -0.03 min
Lab File: VF062152.D
Acq: 26 Mar 2019 18:10

Instrument :
MSVOA_F
ClientSampleId :
S3B(27)

Tot Ion: 43 Resp: 10770
Ion Ratio Lower Upper
43 100
58 23.4 20.8 31.2

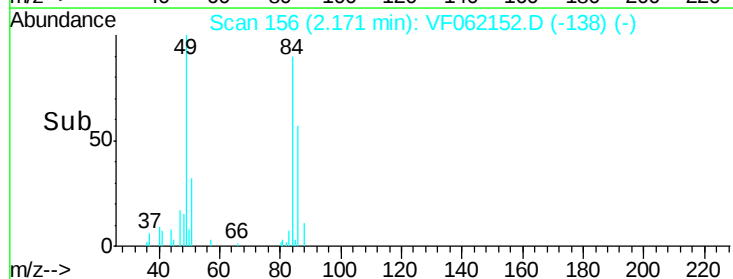
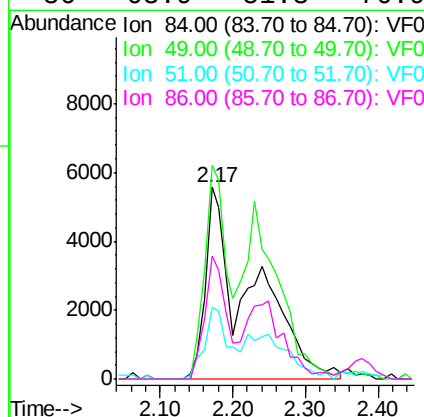
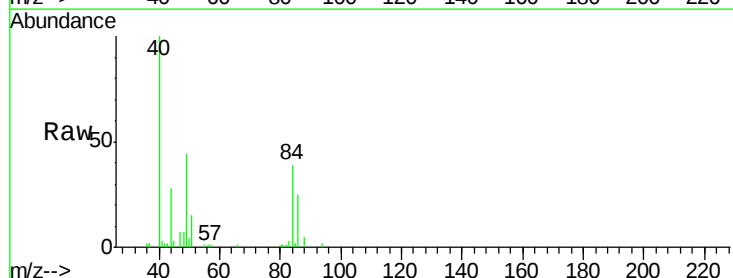
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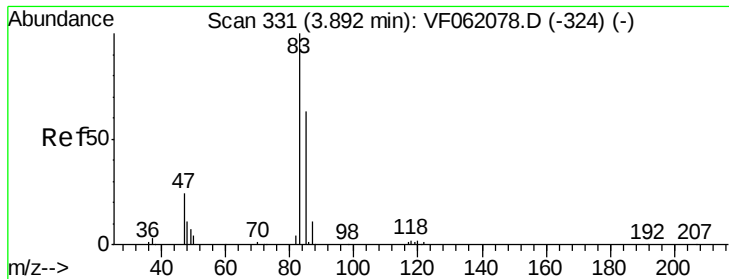
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#20
Methylene Chloride
Concen: 8.929 ug/l m
RT: 2.17 min Scan# 156
Delta R.T. -0.03 min
Lab File: VF062152.D
Acq: 26 Mar 2019 18:10

Tgt Ion: 84 Resp: 23864
Ion Ratio Lower Upper
84 100
49 111.5 100.4 150.6
51 37.7 31.0 46.6
86 63.9 51.3 76.9





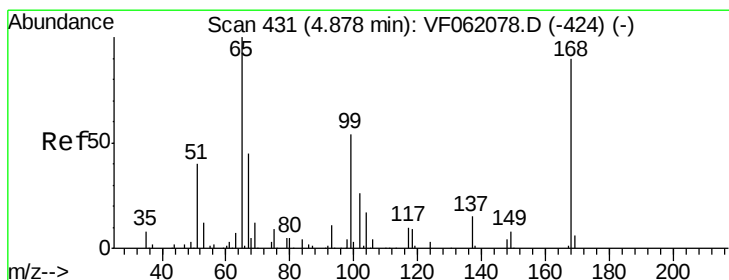
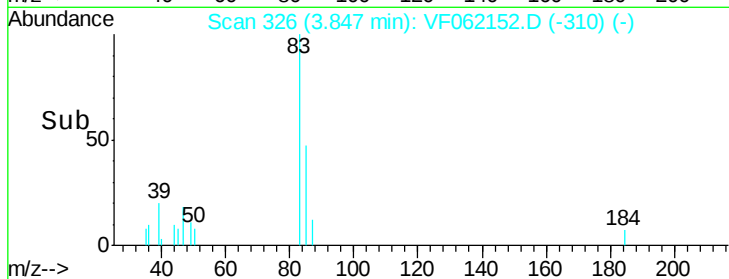
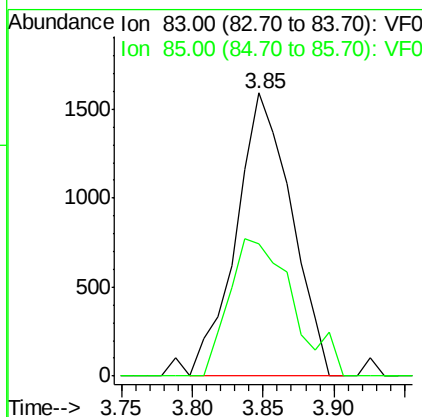
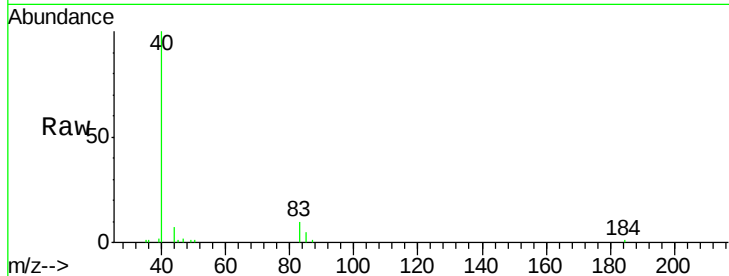
#30
Chloroform
Concen: 1.158 ug/l
RT: 3.85 min Scan# 326
Delta R.T. -0.05 min
Lab File: VF062152.D
Acq: 26 Mar 2019 18:10

Instrument :
MSVOA_F
ClientSampleId :
S3B(27)

Tot Ion: 83 Resp: 4339
Ion Ratio Lower Upper
83 100
85 46.8 51.5 77.3#

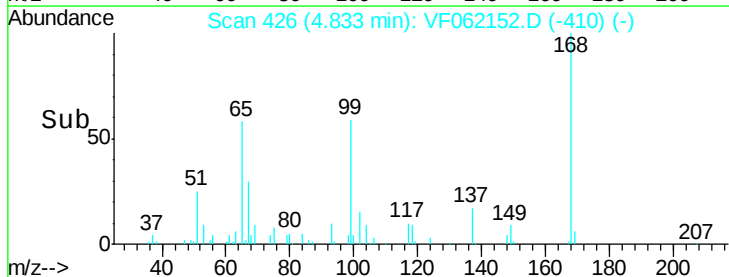
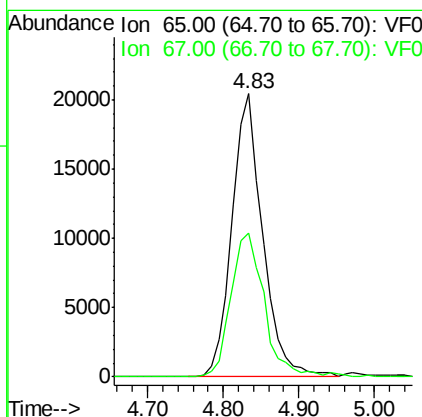
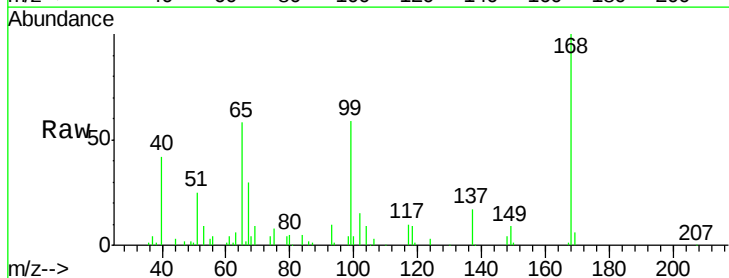
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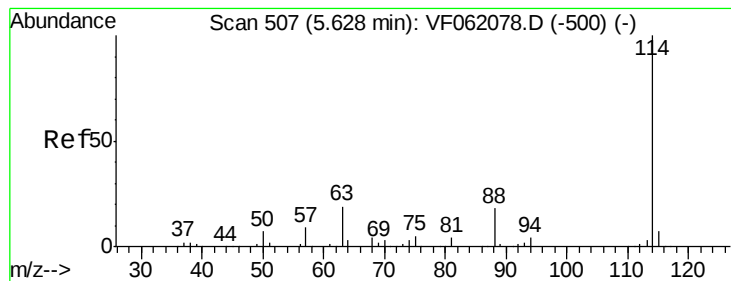
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#33
1,2-Dichloroethane-d4
Concen: 35.169 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.05 min
Lab File: VF062152.D
Acq: 26 Mar 2019 18:10

Tgt Ion: 65 Resp: 57334
Ion Ratio Lower Upper
65 100
67 50.8 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.05 min

Lab File: VF062152.D

Acq: 26 Mar 2019 18:10

Instrument :

MSVOA_F

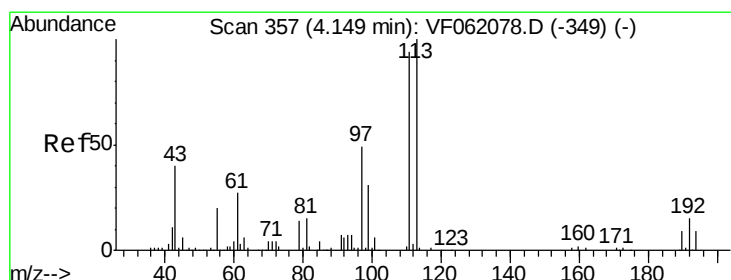
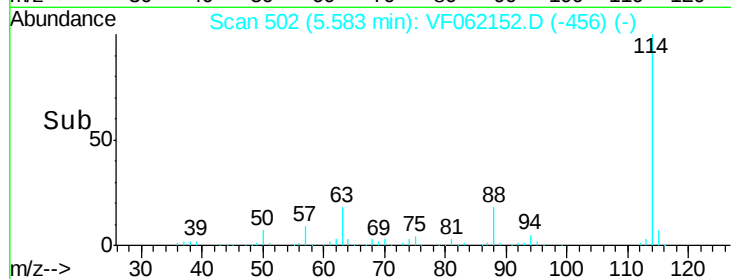
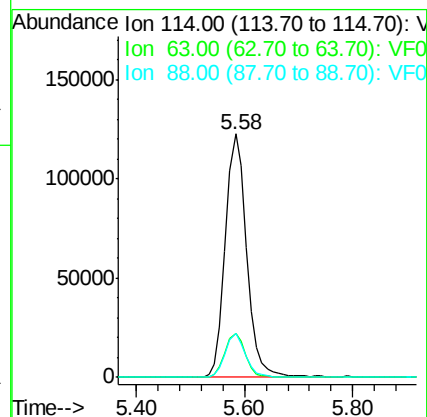
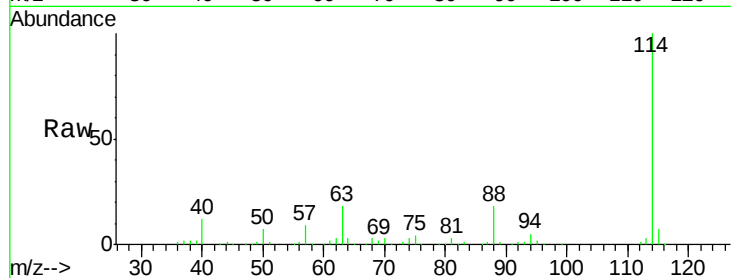
ClientSampleId :

S3B(27)

Tot Ion:	114	Resp:	336970
Ion Ratio		Lower	Upper
114	100		
63	18.0	0.0	37.8
88	18.2	0.0	36.4

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#35

Dibromofluoromethane

Concen: 38.312 ug/l

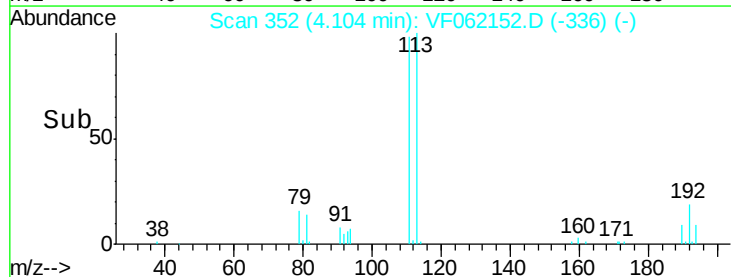
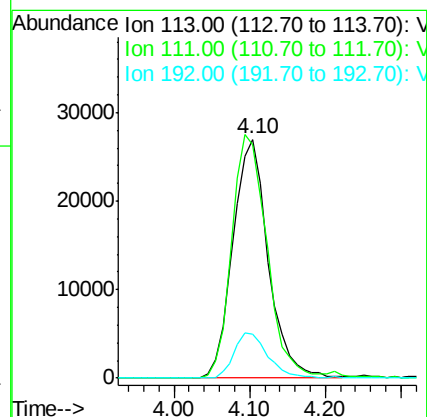
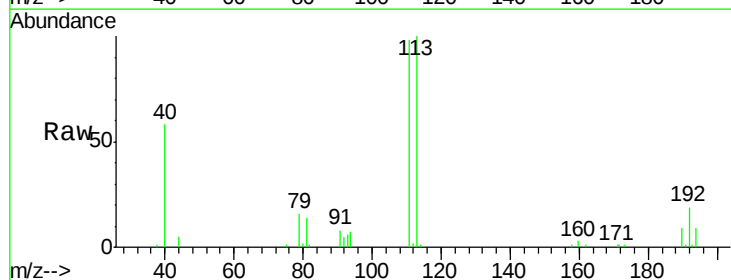
RT: 4.10 min Scan# 352

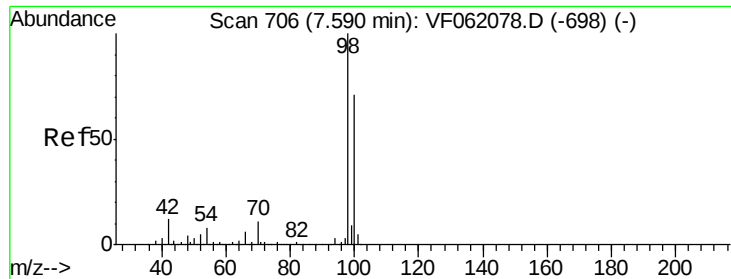
Delta R.T. -0.05 min

Lab File: VF062152.D

Acq: 26 Mar 2019 18:10

Tgt Ion:	113	Resp:	87332
Ion Ratio		Lower	Upper
113	100		
111	97.6	75.4	113.0
192	19.3	12.3	18.5#





#50

Toluene-d8

Concen: 33.768 ug/l

RT: 7.54 min Scan# 700

Delta R.T. -0.05 min

Lab File: VF062152.D

Acq: 26 Mar 2019 18:10

Instrument :

MSVOA_F

ClientSampleId :

S3B(27)

Tot Ion: 98 Resp: 229768

Ion Ratio Lower Upper

98 100

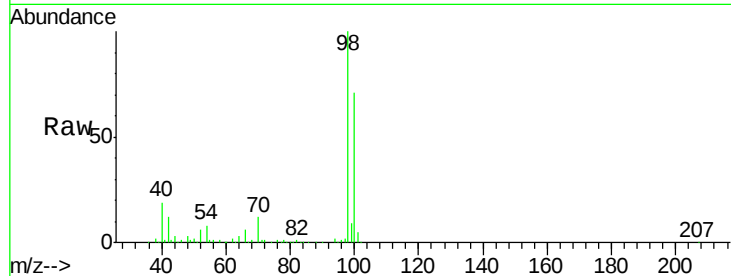
100 70.8 57.0 85.6

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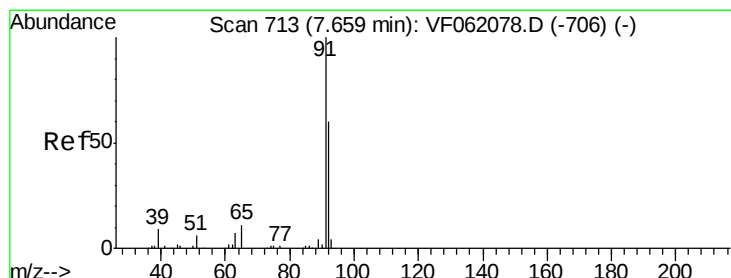
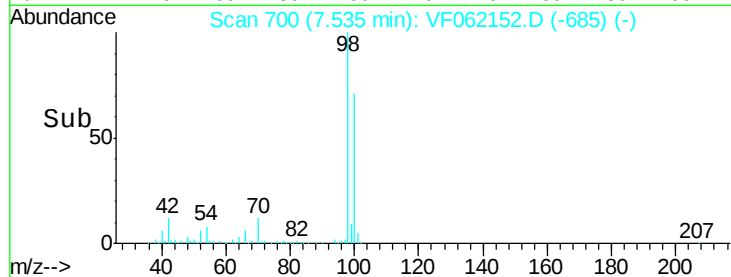
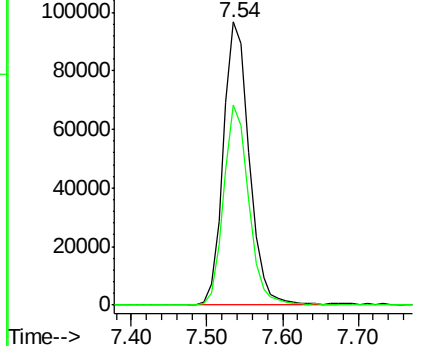
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Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0



#52

Toluene

Concen: 3.040 ug/l

RT: 7.60 min Scan# 707

Delta R.T. -0.05 min

Lab File: VF062152.D

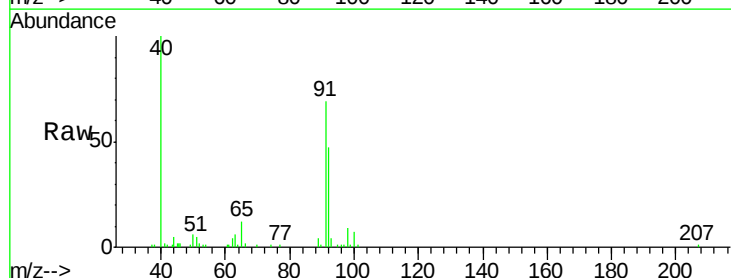
Acq: 26 Mar 2019 18:10

Tgt Ion: 92 Resp: 15149

Ion Ratio Lower Upper

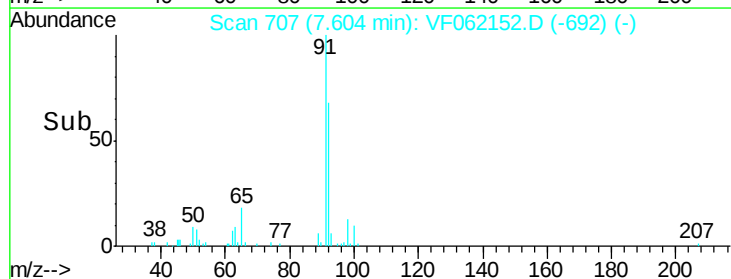
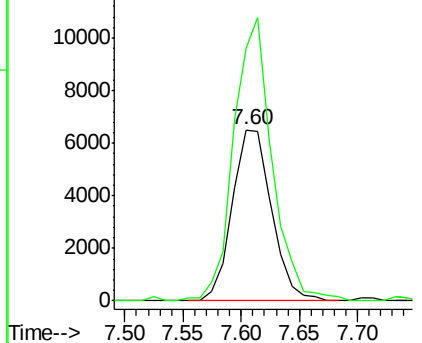
92 100

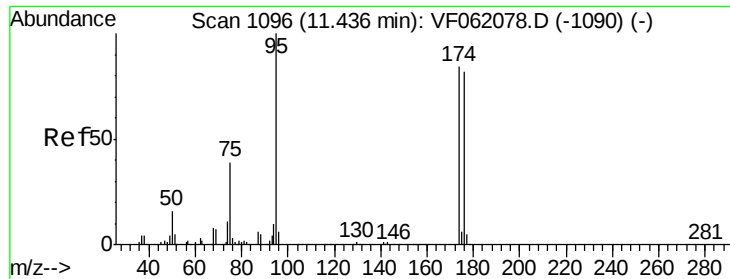
91 147.6 134.1 201.1



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0





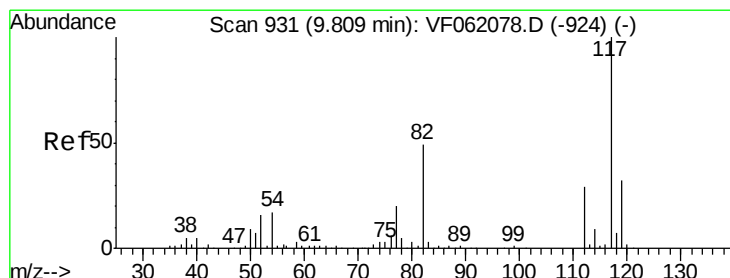
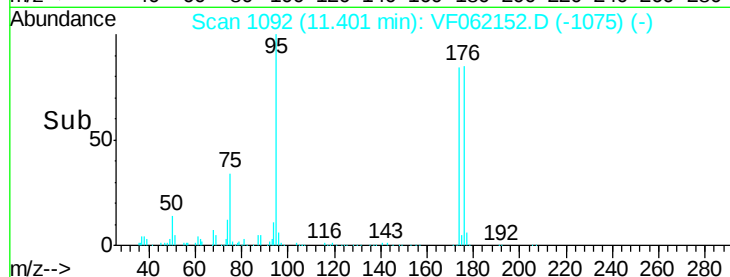
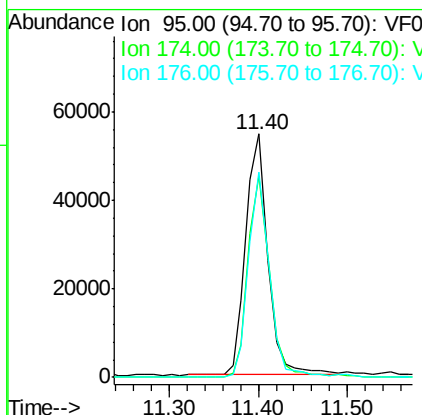
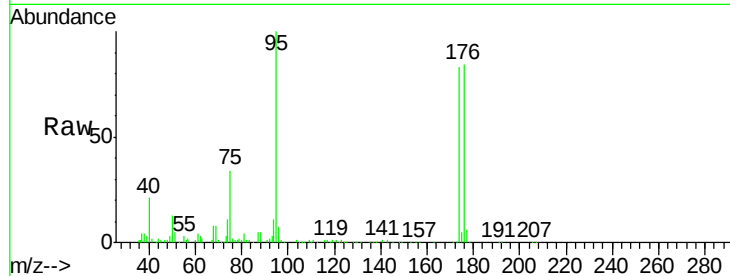
#62
4-Bromofluorobenzene
Concen: 35.772 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.04 min
Lab File: VF062152.D
Acq: 26 Mar 2019 18:10

Instrument :
MSVOA_F
ClientSampleId :
S3B(27)

Tot Ion	Ratio	Resp	Lower	Upper
95	100	93968		
174	82.8	0.0	168.2	
176	84.4	0.0	164.2	

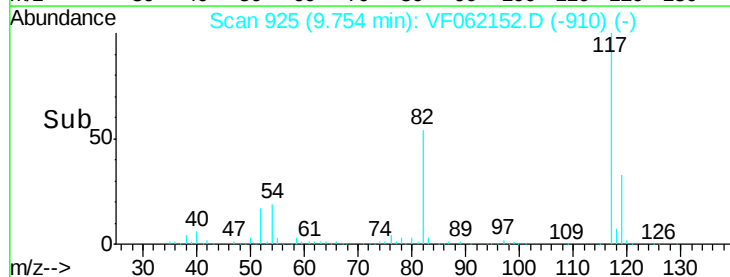
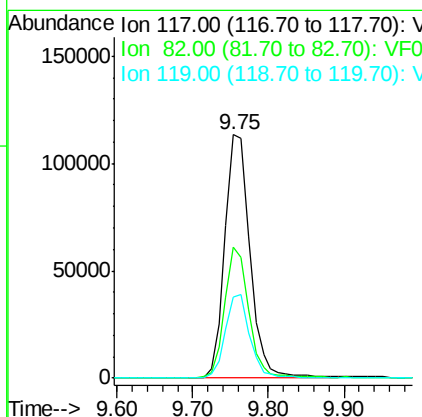
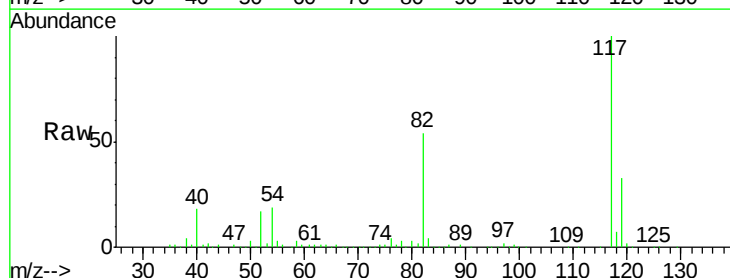
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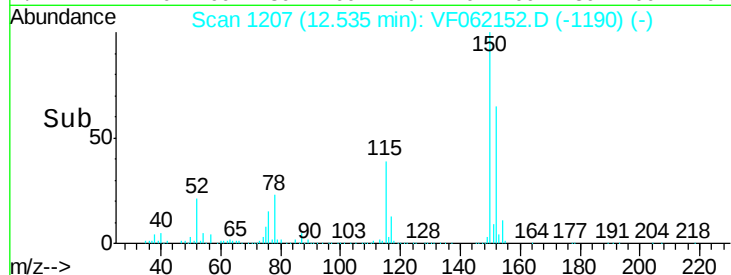
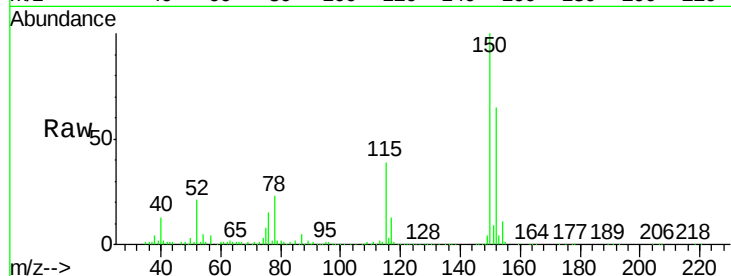
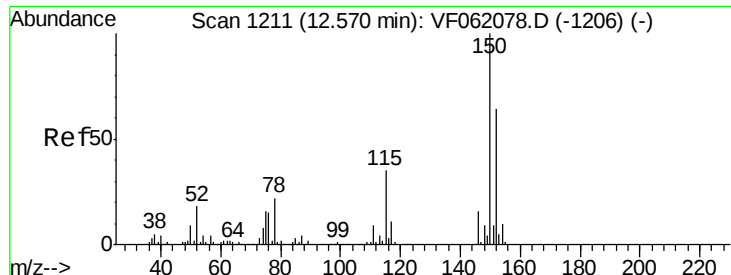
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.75 min Scan# 925
Delta R.T. -0.05 min
Lab File: VF062152.D
Acq: 26 Mar 2019 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	263836		
82	53.9	39.2	58.8	
119	33.3	25.4	38.2	





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.53 min Scan# 1207
 Delta R.T. -0.04 min
 Lab File: VF062152.D
 Acq: 26 Mar 2019 18:10

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.4	27.7	83.1
150	154.1	0.0	313.2

Instrument :
 MSVOA_F
 ClientSampleId :
 S3B(27)

Manual Integrations
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