

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012419\
 Data File : VX007200.D
 Acq On : 24 Jan 2019 13:42
 Operator : JC/SP
 Sample : K1227-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW038-190122

Manual Integrations
 APPROVED

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 1/25/2019 10:30:56 AM

Quant Time: Jan 25 01:08:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	534534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	830210	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	759360	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	379180	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	289655	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.70%	
35) Dibromofluoromethane	5.51	113	257884	48.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.02%	
50) Toluene-d8	8.71	98	992159	50.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.96%	
62) 4-Bromofluorobenzene	11.13	95	347036	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.30%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.41	62	7145	1.300	ug/l	95
11) Tert butyl alcohol	3.07	59	7066	5.362	ug/l #	72
27) cis-1,2-Dichloroethene	4.60	96	38144	6.317	ug/l	94
31) Cyclohexane	5.57	56	13203m	1.676	ug/l	
39) Methylcyclohexane	7.46	83	36813	4.001	ug/l #	63
40) Benzene	6.14	78	6110	0.277	ug/l #	90
44) Trichloroethene	7.21	130	19017	2.881	ug/l	95
65) Chlorobenzene	10.14	112	210882	12.733	ug/l	99
73) Isopropylbenzene	11.02	105	13023	0.487	ug/l	98
83) tert-Butylbenzene	11.77	119	28915	1.297	ug/l	86
85) sec-Butylbenzene	11.94	105	58637	2.203	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	14968	1.328	ug/l #	68
91) 1,2-Dichlorobenzene	12.40	146	3498	0.266	ug/l	89

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

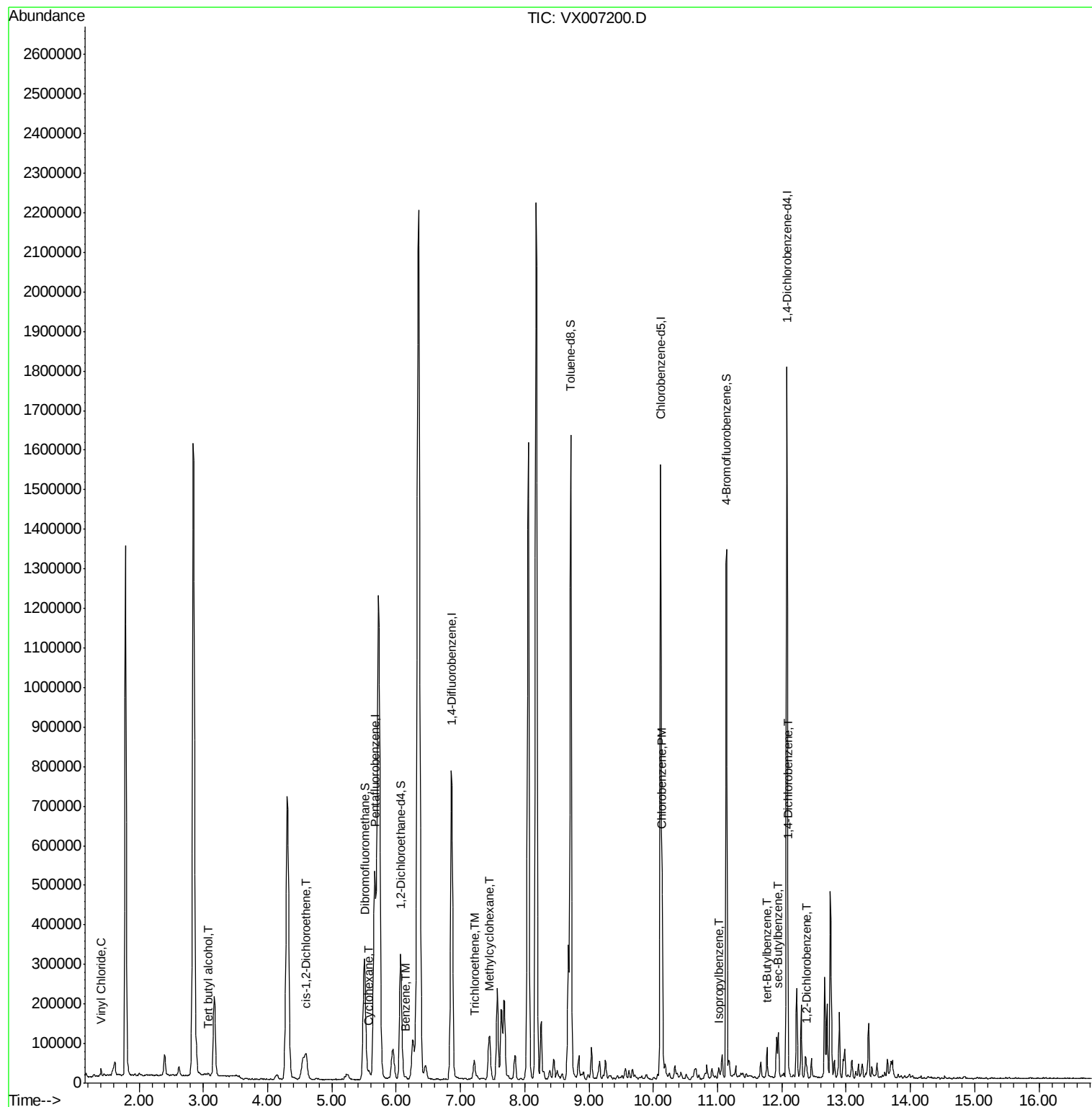
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012419\
Data File : VX007200.D
Acq On : 24 Jan 2019 13:42
Operator : JC/SP
Sample : K1227-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

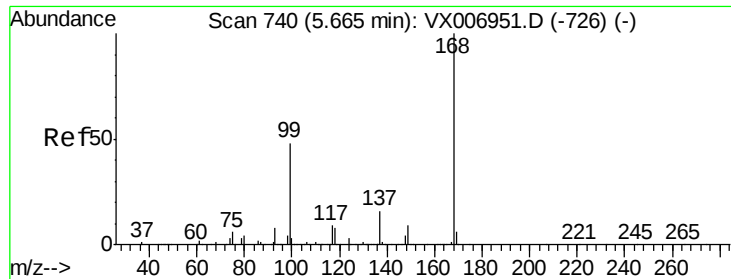
Instrument :
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Quant Time: Jan 25 01:08:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

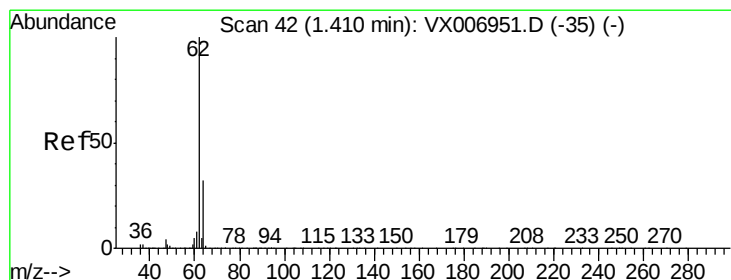
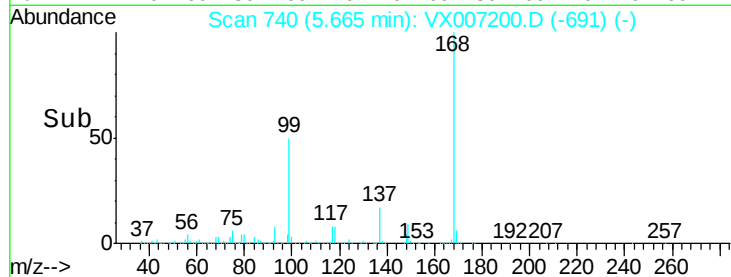
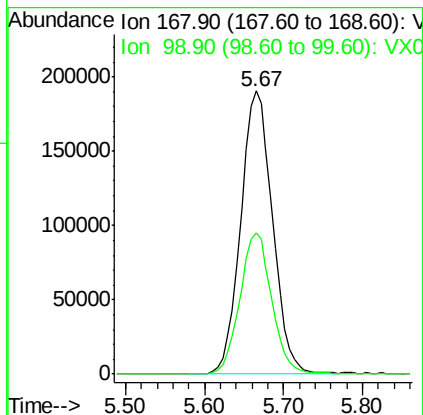
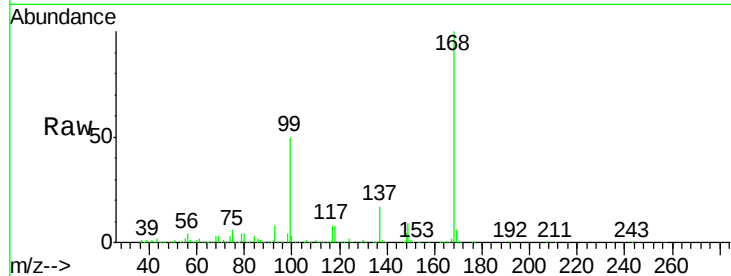
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: VX007200.D
 Acq: 24 Jan 2019 13:42

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW038-190122

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.7	41.8	62.8

Manual Integrations
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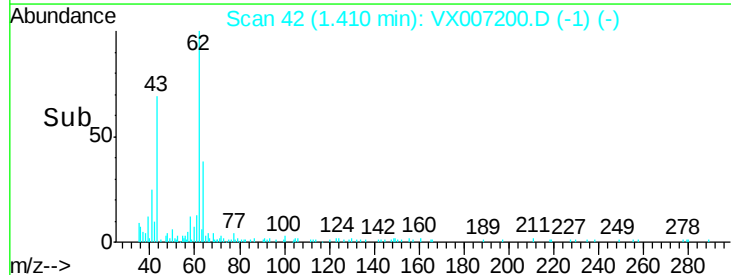
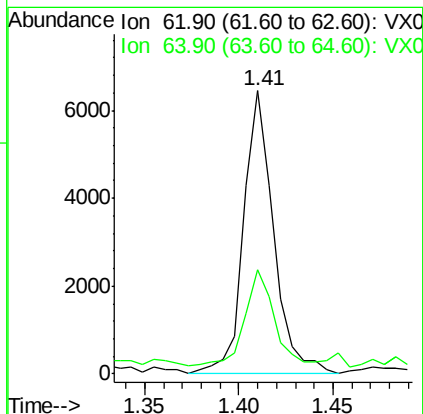
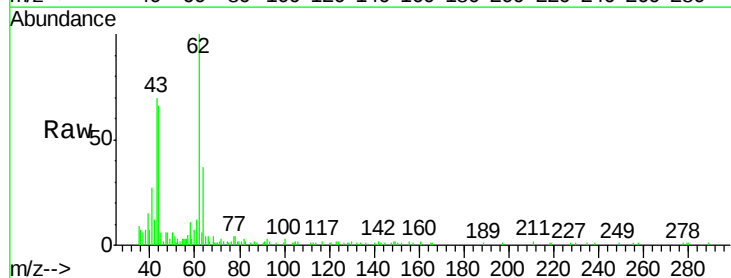
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 1/25/2019 10:30:56 AM

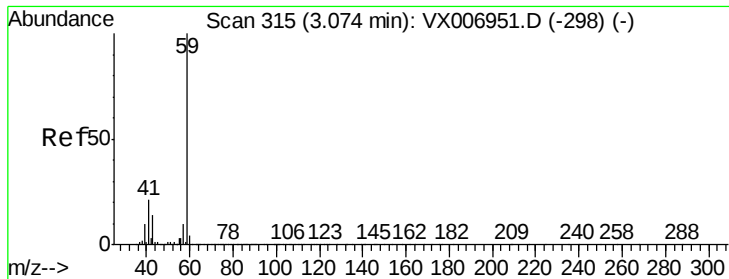


#4

Vinyl Chloride
 Concen: 1.300 ug/l
 RT: 1.41 min Scan# 42
 Delta R.T. 0.00 min
 Lab File: VX007200.D
 Acq: 24 Jan 2019 13:42

Tgt Ion	Ratio	Lower	Upper
62	100		
64	34.0	25.1	37.7





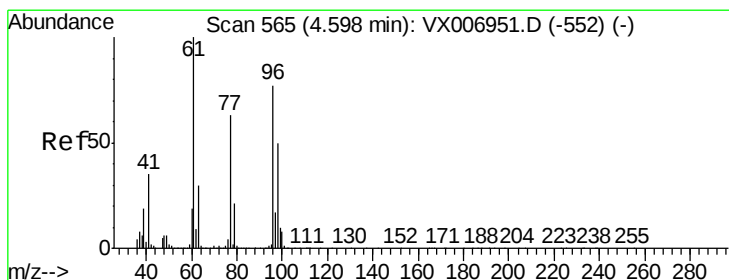
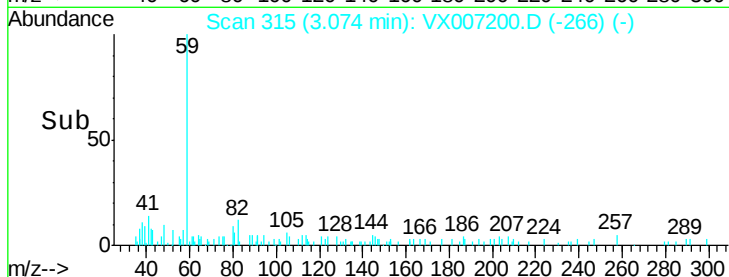
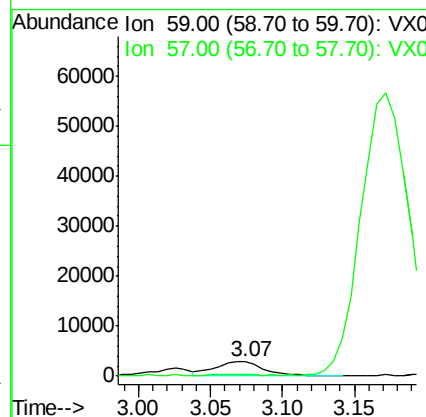
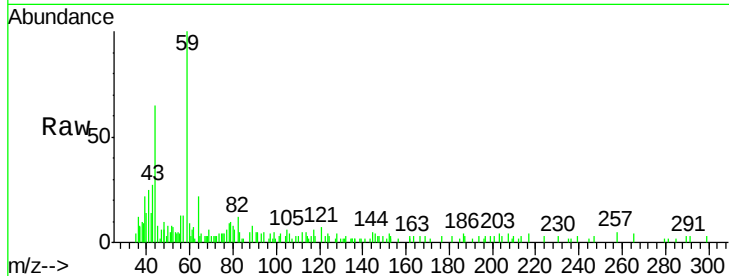
#11
Tert butyl alcohol
Concen: 5.362 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX007200.D
Acq: 24 Jan 2019 13:42

Instrument :
MSVOA_X
ClientSampleId :
ST008MW038-190122

Tot Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.5	12.7#

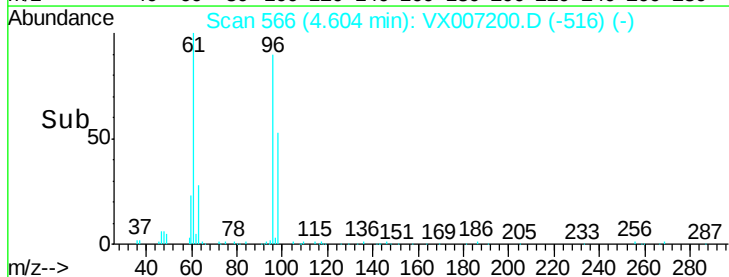
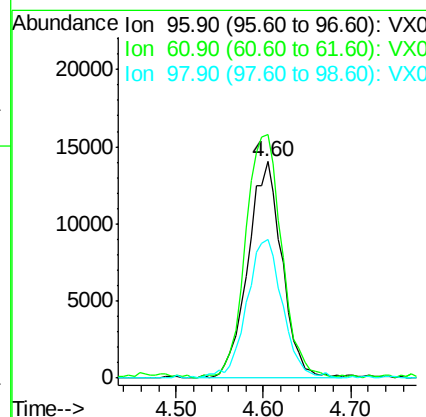
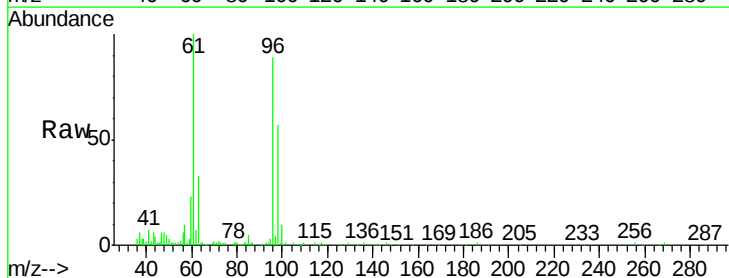
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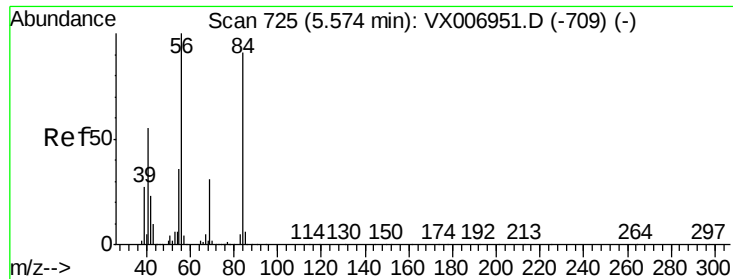
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#27
cis-1,2-Dichloroethene
Concen: 6.317 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX007200.D
Acq: 24 Jan 2019 13:42

Tgt Ion	Ratio	Lower	Upper
96	100		
61	119.2	0.0	258.6
98	66.9	0.0	132.0





#31

Cyclohexane

Concen: 1.676 ug/l m

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX007200.D

Acq: 24 Jan 2019 13:42

Instrument :

MSVOA_X

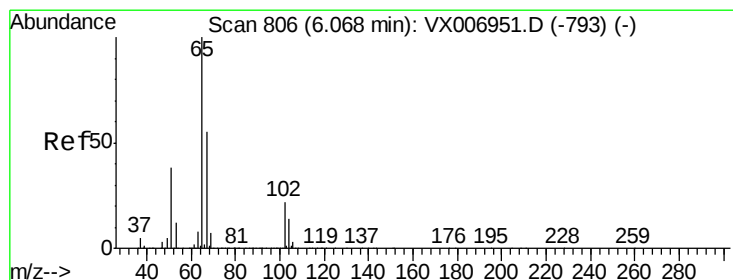
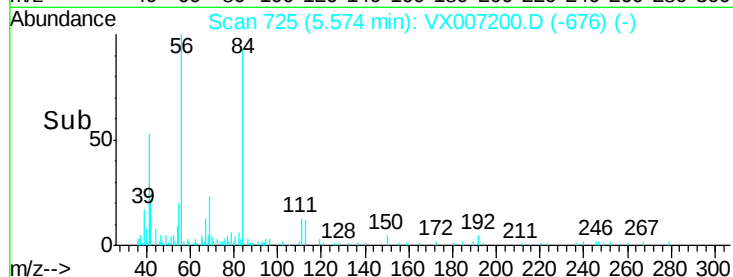
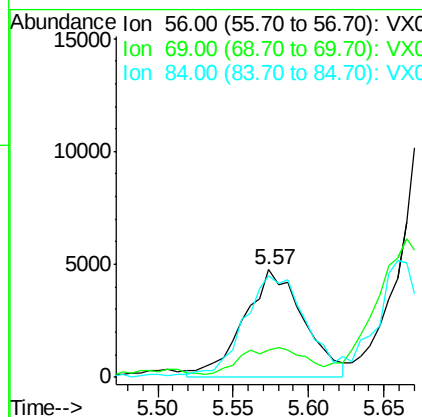
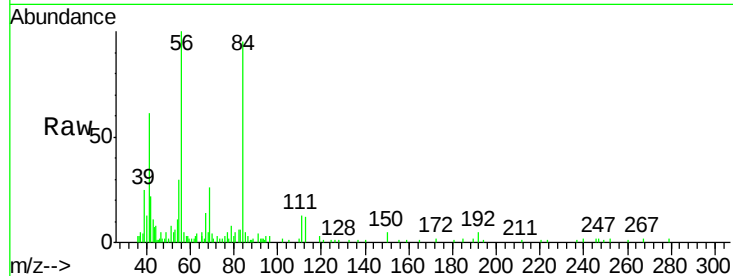
ClientSampleId :

ST008MW038-190122

Tot Ion:	56	Resp:	13203
Ion	Ratio	Lower	Upper
56	100		
69	25.7	24.4	36.6
84	94.5	70.0	105.0

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#33

1,2-Dichloroethane-d4

Concen: 51.851 ug/l

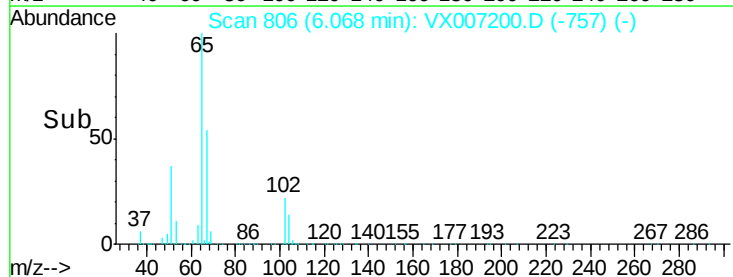
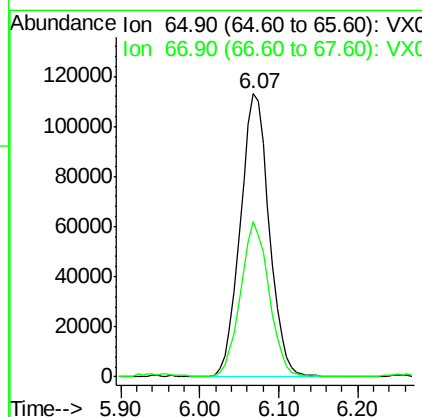
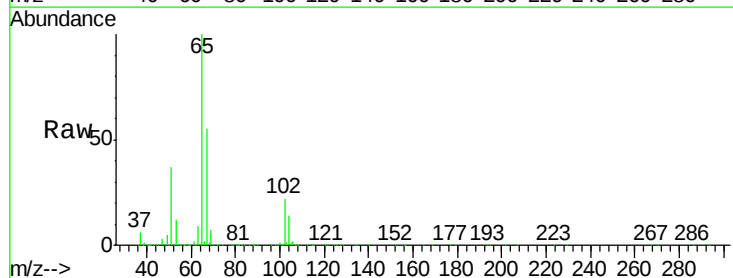
RT: 6.07 min Scan# 806

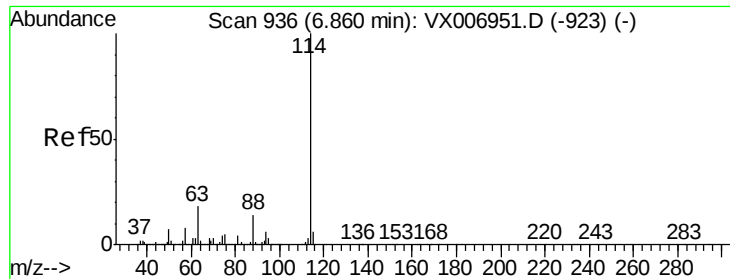
Delta R.T. 0.00 min

Lab File: VX007200.D

Acq: 24 Jan 2019 13:42

Tgt Ion:	65	Resp:	289655
Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007200.D

Acq: 24 Jan 2019 13:42

Instrument :

MSVOA_X

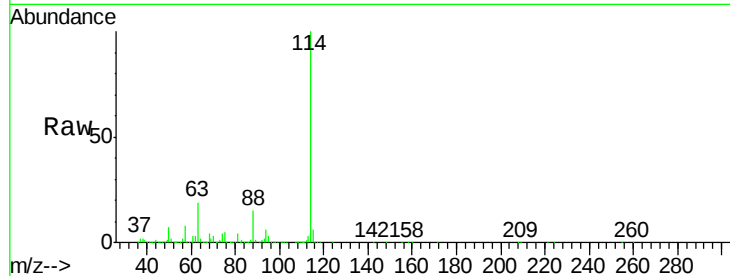
ClientSampleId :

ST008MW038-190122

Tot Ion:	114	Resp:	830210
Ion Ratio	Lower	Upper	
114	100		
63	18.7	0.0	34.8
88	14.7	0.0	28.8

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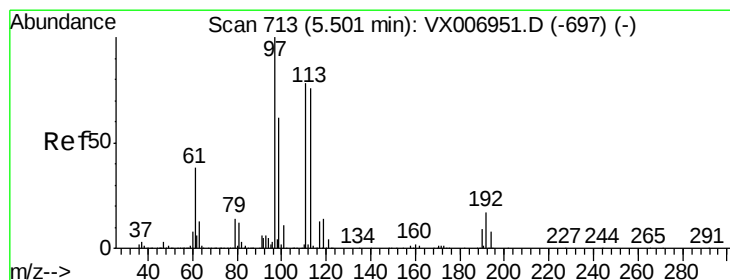
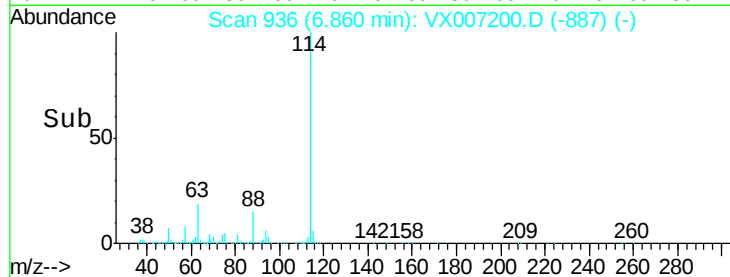
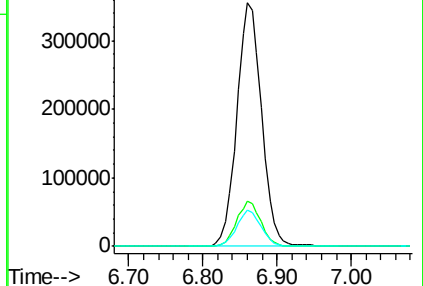
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Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.505 ug/l

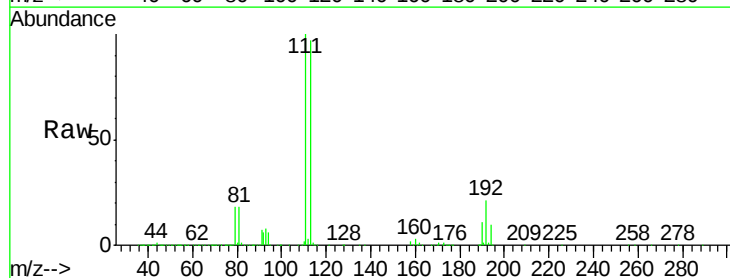
RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007200.D

Acq: 24 Jan 2019 13:42

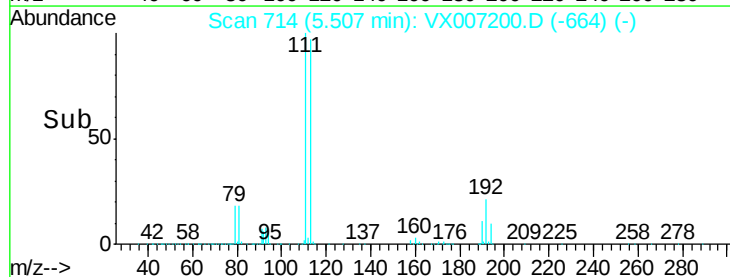
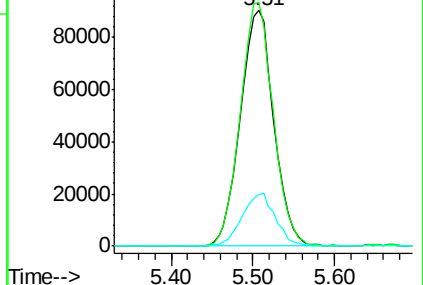
Tgt Ion:	113	Resp:	257884
Ion Ratio	Lower	Upper	
113	100		
111	101.9	81.6	122.4
192	22.4	16.7	25.1

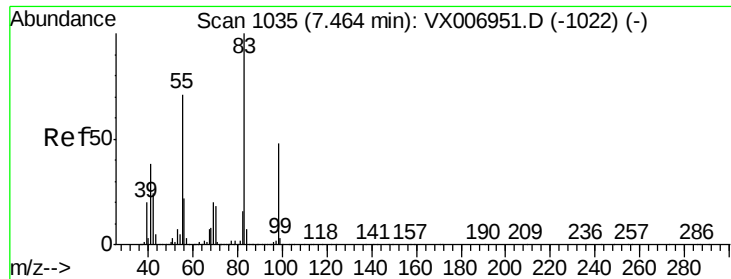


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





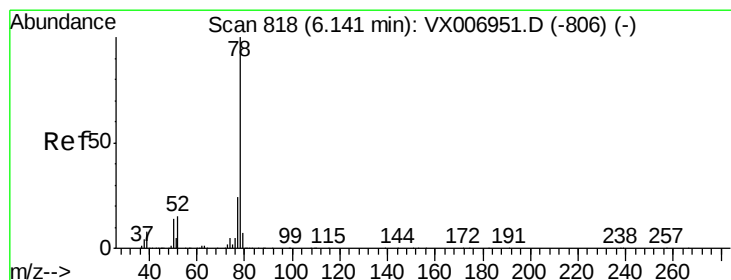
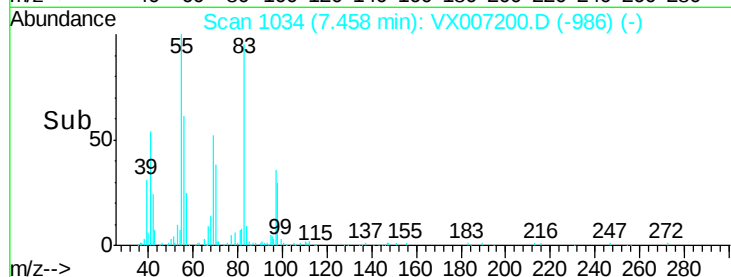
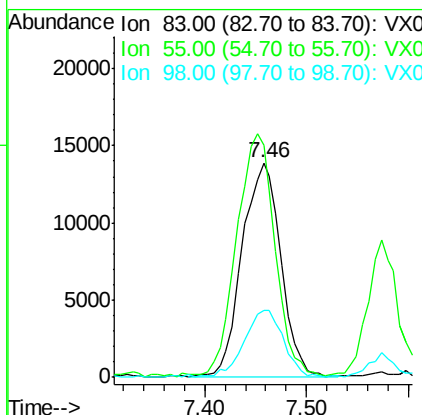
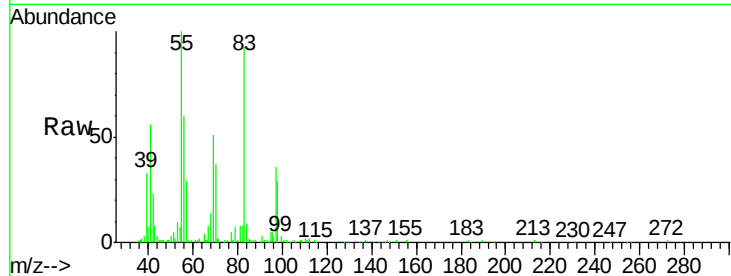
#39
Methvlcvclohexane
Concen: 4.001 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007200.D
Acq: 24 Jan 2019 13:42

Instrument :
MSVOA_X
ClientSampleId :
ST008MW038-190122

Tot Ion	Ratio	Lower	Upper
83	100		
55	106.2	54.9	82.3#
98	30.9	37.9	56.9#

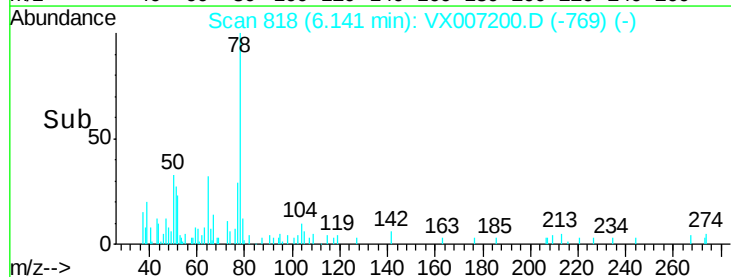
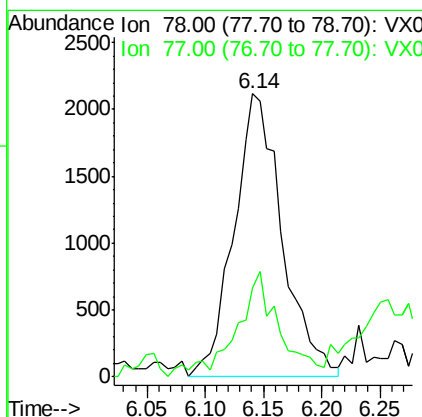
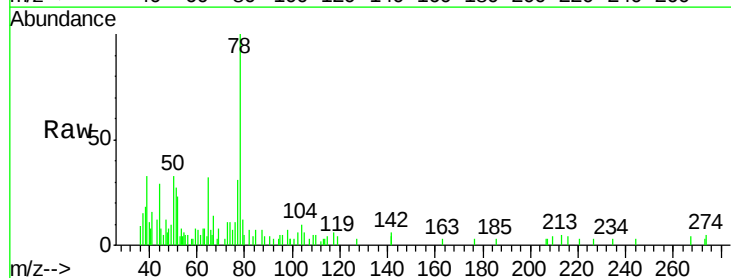
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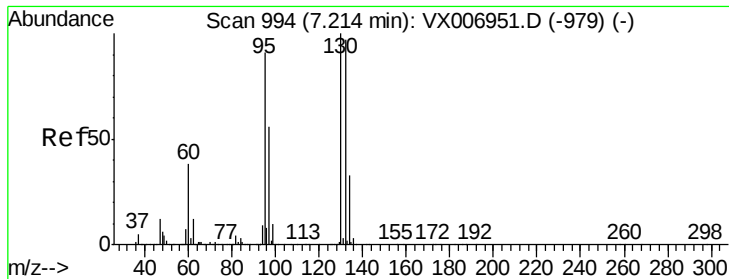
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#40
Benzene
Concen: 0.277 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007200.D
Acq: 24 Jan 2019 13:42

Tgt Ion	Ratio	Lower	Upper
78	100		
77	29.0	19.2	28.8#





#44

Trichloroethene

Concen: 2.881 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX007200.D

Acq: 24 Jan 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

ST008MW038-190122

Tot Ion:130 Resp: 19017

Ion Ratio Lower Upper

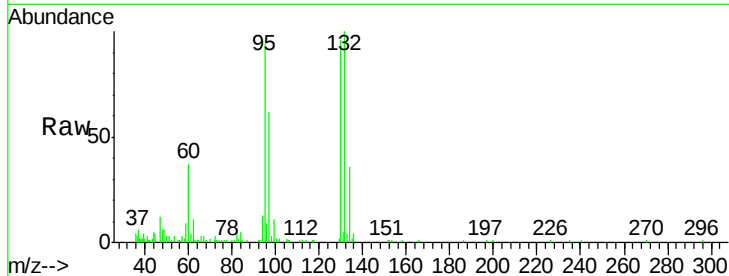
130 100

95 98.7 0.0 187.0

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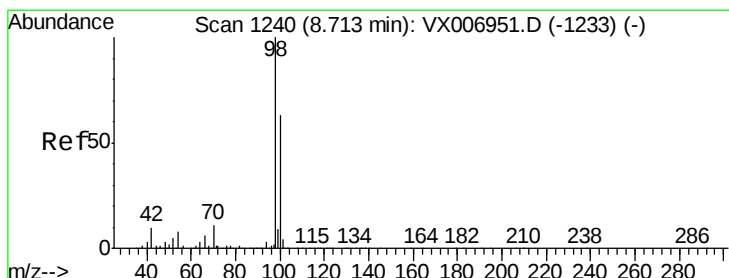
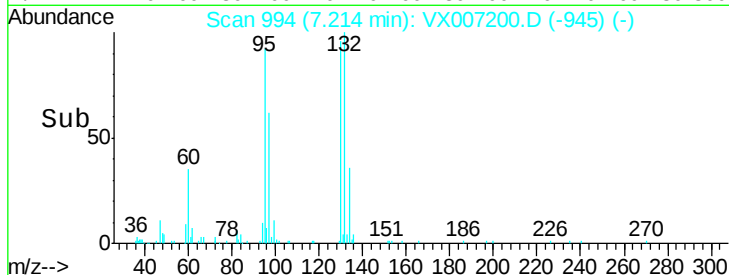
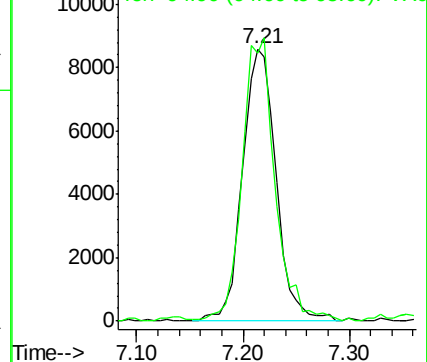
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1/25/2019 10:30:56 AM



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 50.983 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007200.D

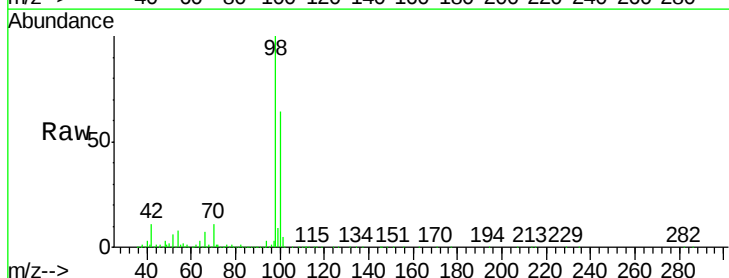
Acq: 24 Jan 2019 13:42

Tgt Ion: 98 Resp: 992159

Ion Ratio Lower Upper

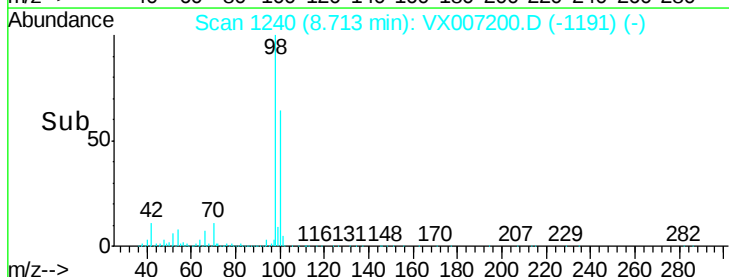
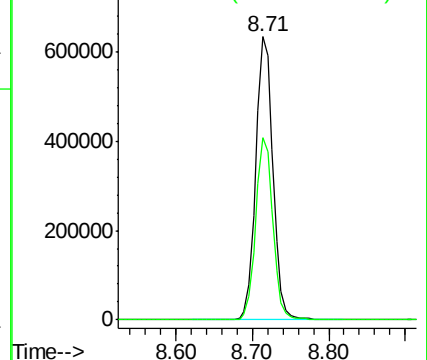
98 100

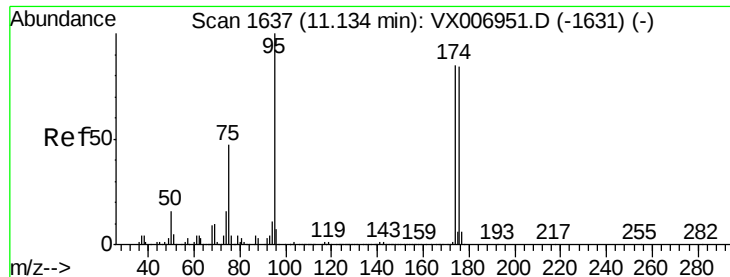
100 64.3 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





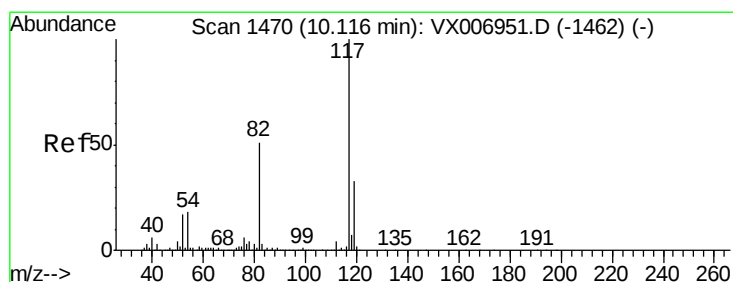
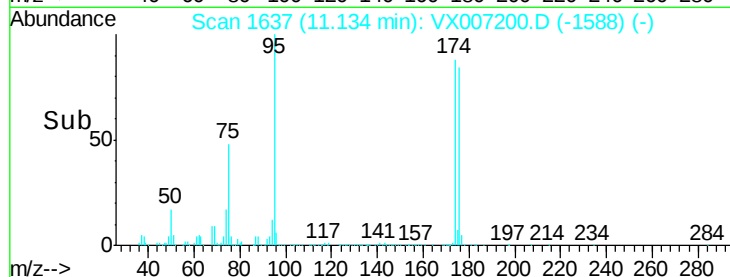
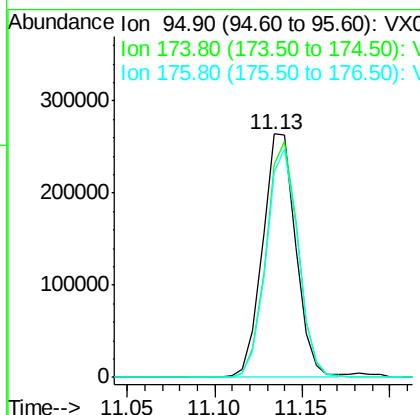
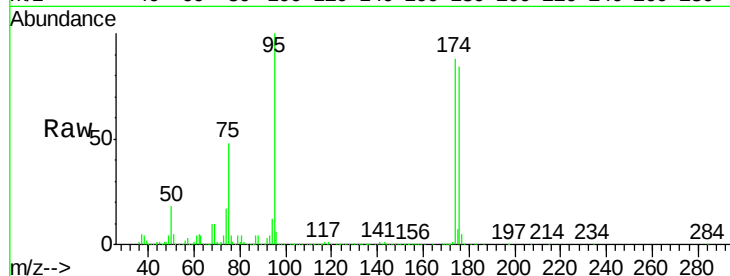
#62
4-Bromofluorobenzene
Concen: 51.152 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007200.D
Acq: 24 Jan 2019 13:42

Instrument :
MSVOA_X
ClientSampleId :
ST008MW038-190122

Tot Ion	Ratio	Resp	Lower	Upper
95	100	347036		
174	94.2	0.0	182.2	
176	90.8	0.0	178.8	

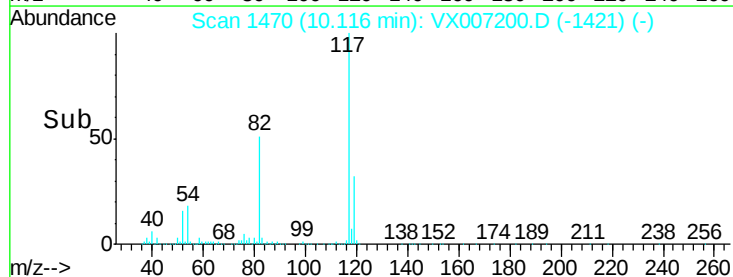
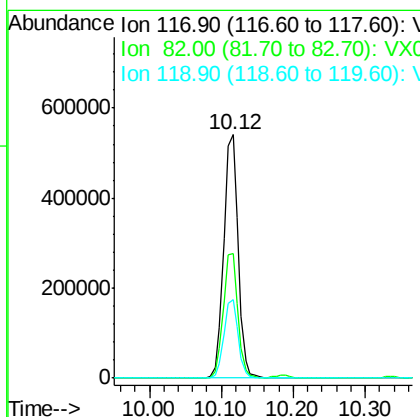
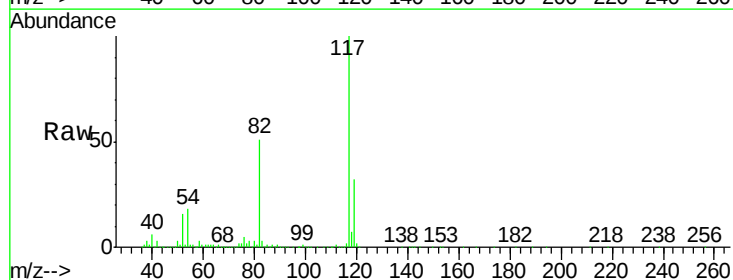
Manual Integrations
APPROVED

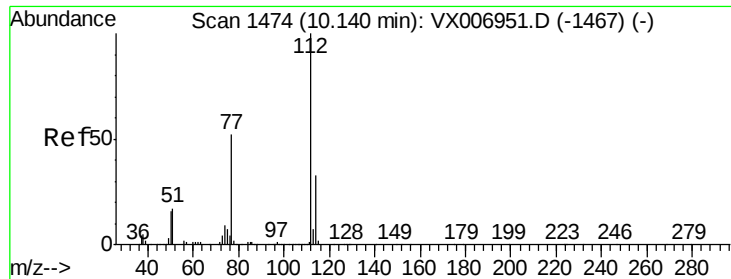
MMDadoda
1/25/2019 10:30:56 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX007200.D
Acq: 24 Jan 2019 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	759360		
82	50.9	41.0	61.6	
119	32.3	25.4	38.0	





#65

Chlorobenzene

Concen: 12.733 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007200.D

Acq: 24 Jan 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

ST008MW038-190122

Tot Ion:112 Resp: 210882

Ion Ratio Lower Upper

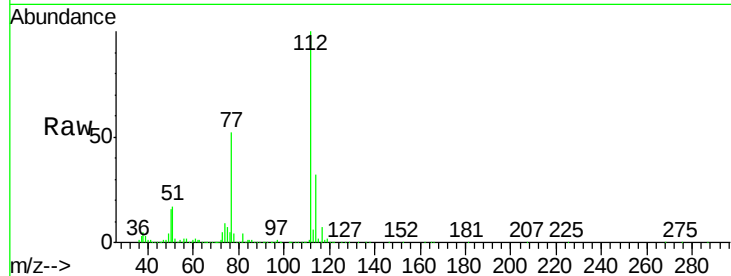
112 100

114 31.6 25.7 38.5

Manual Integrations
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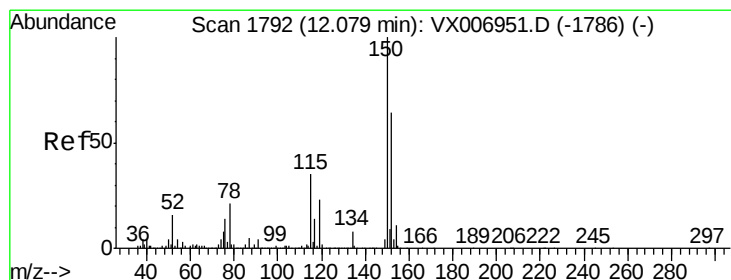
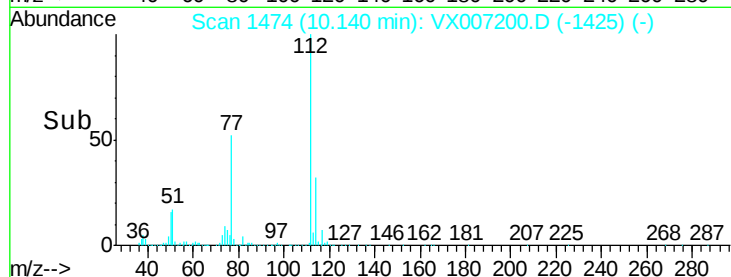
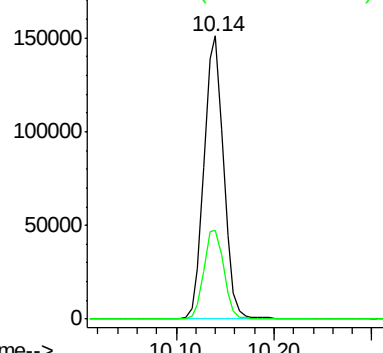
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007200.D

Acq: 24 Jan 2019 13:42

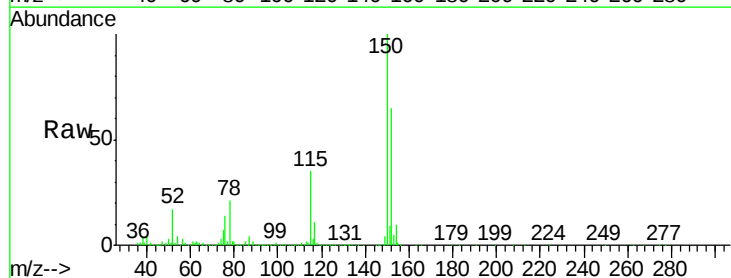
Tgt Ion:152 Resp: 379180

Ion Ratio Lower Upper

152 100

115 54.0 39.1 117.2

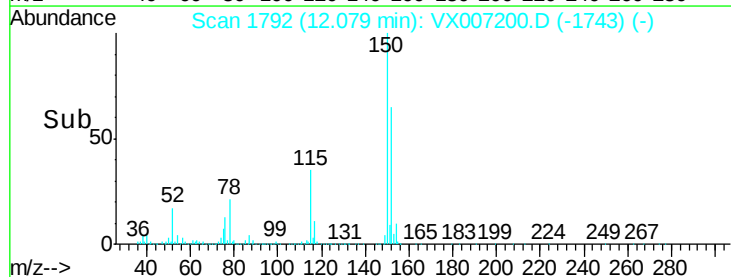
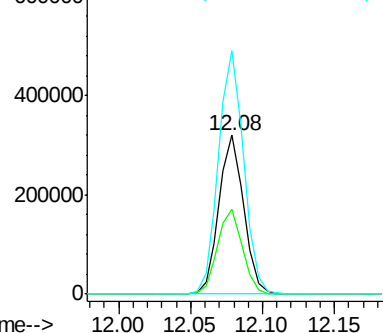
150 155.8 0.0 344.8

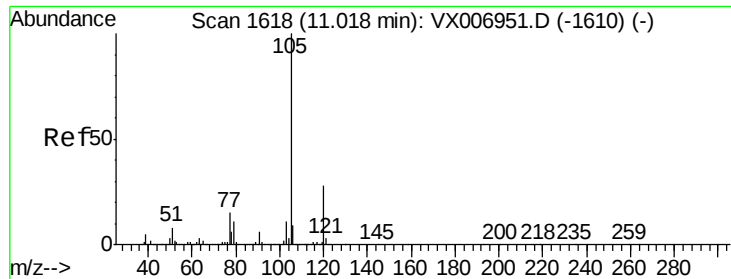


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.487 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007200.D

Acq: 24 Jan 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

ST008MW038-190122

Tot Ion:105 Resp: 13023

Ion Ratio Lower Upper

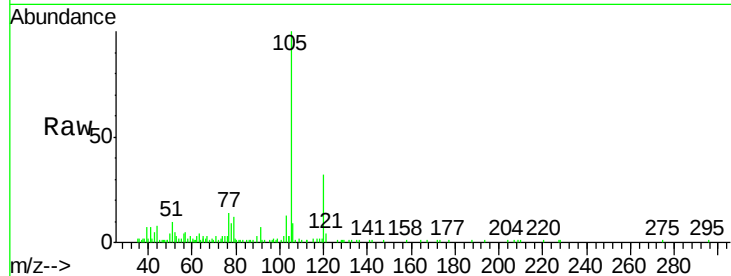
105 100

120 27.4 14.1 42.4

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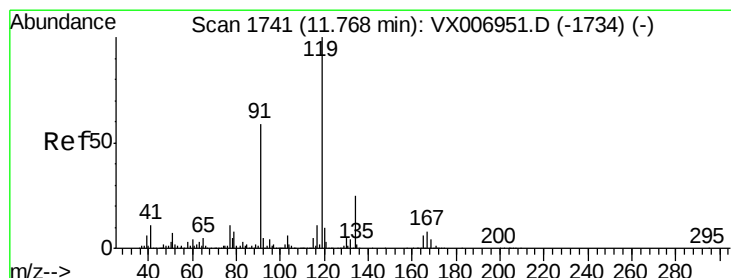
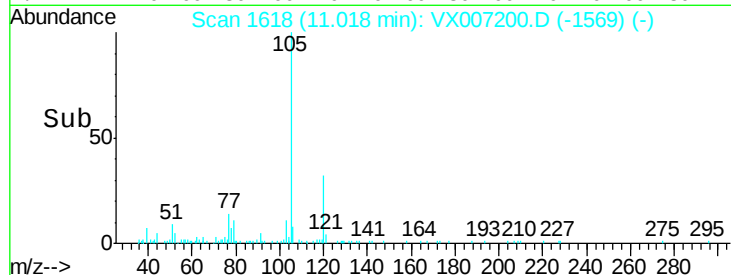
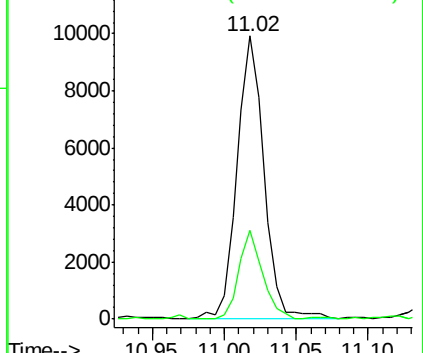
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#83

tert-Butylbenzene

Concen: 1.297 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007200.D

Acq: 24 Jan 2019 13:42

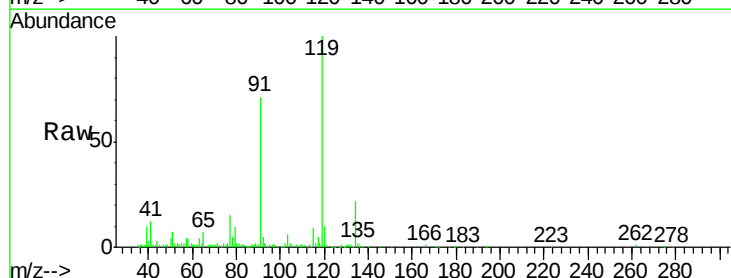
Tgt Ion:119 Resp: 28915

Ion Ratio Lower Upper

119 100

91 68.1 27.7 83.1

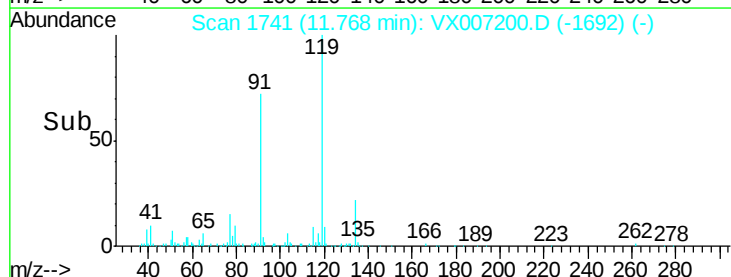
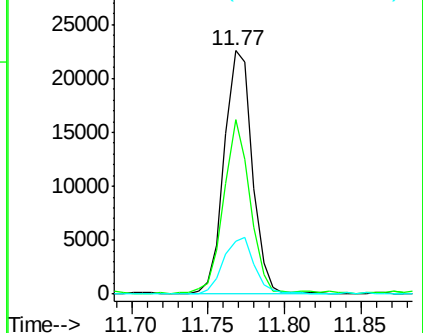
134 25.8 11.9 35.5

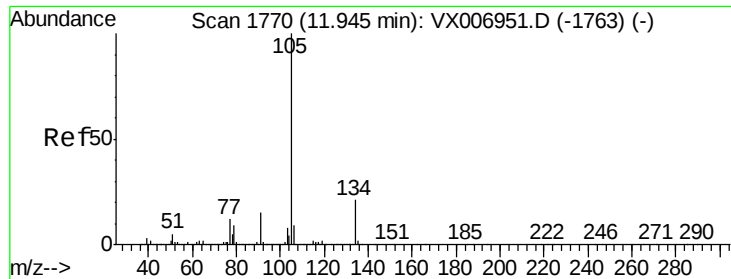


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V





#85

sec-Butylbenzene

Concen: 2.203 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007200.D

Acq: 24 Jan 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

ST008MW038-190122

Tot Ion:105 Resp: 58637

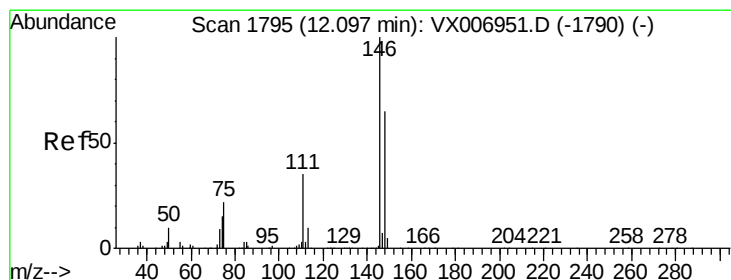
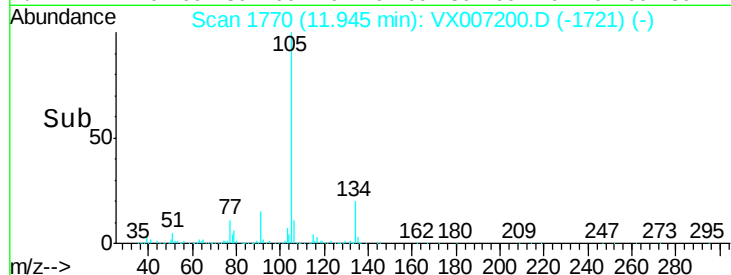
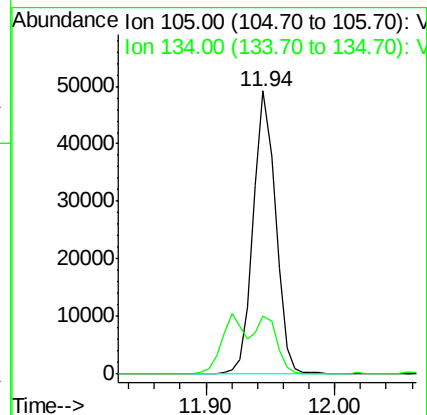
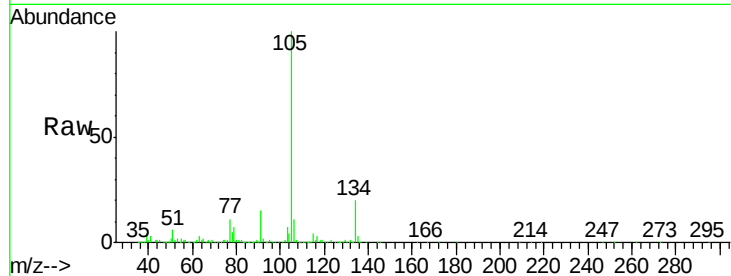
Ion Ratio Lower Upper

105 100

134 20.2 10.7 31.9

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#88

1,4-Dichlorobenzene

Concen: 1.328 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX007200.D

Acq: 24 Jan 2019 13:42

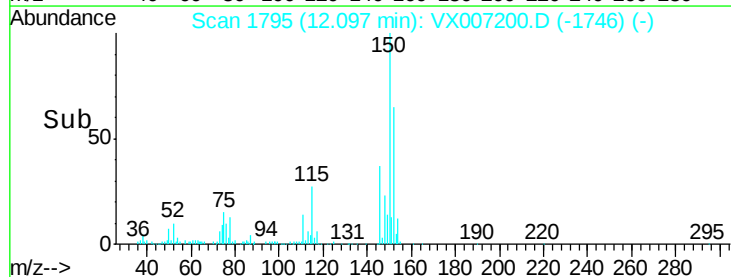
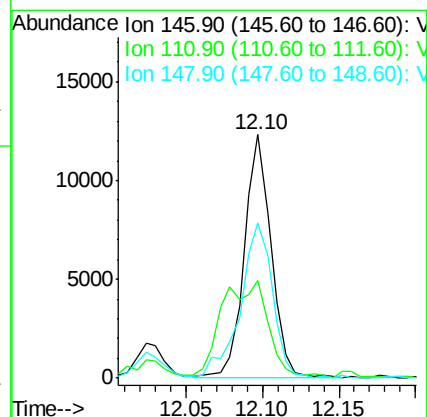
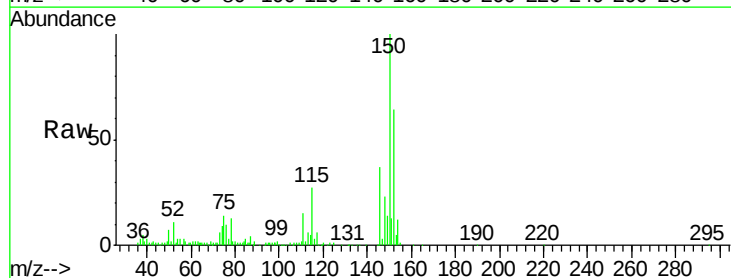
Tgt Ion:146 Resp: 14968

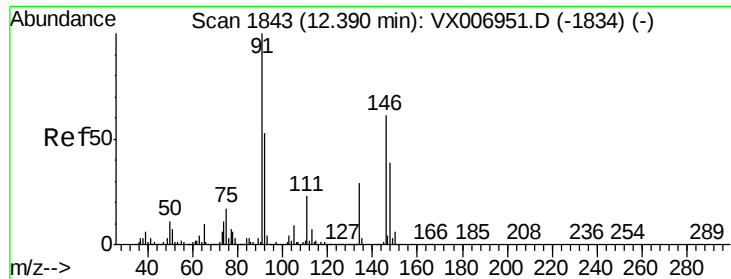
Ion Ratio Lower Upper

146 100

111 70.4 18.1 54.1#

148 76.8 31.9 95.9





#91

1,2-Dichlorobenzene

Concen: 0.266 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VX007200.D

Acq: 24 Jan 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

ST008MW038-190122

Tot Ion:	146	Resp:	3498
Ion Ratio	Lower	Upper	
146	100		
111	48.1	19.4	58.2
148	71.0	32.3	96.9

Manual Integrations
APPROVED

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1/25/2019 10:30:56 AM

