

Data File : VX001020.D
Acq On : 20 Apr 2018 20:06
Operator : JC/MD
Sample : J2349-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LF014MW086-180411

Manual Integrations
APPROVED

MMDadoda
4/23/2018 1:27:43 PM

Quant Time: Apr 23 07:06:14 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	231656	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	328262	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	305434	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	205314	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	152237	51.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.68%	
35) Dibromofluoromethane	5.51	113	116124	46.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.78%	
50) Toluene-d8	8.72	98	460376	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
62) 4-Bromofluorobenzene	11.14	95	181088	46.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.24%	
Target Compounds						
4) Vinyl Chloride	1.41	62	205964	74.28	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	10171	3.63	ug/l	87
40) Benzene	6.15	78	4761	0.44	ug/l	99
65) Chlorobenzene	10.15	112	38544	4.74	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	10757m	1.44	ug/l	
91) 1,2-Dichlorobenzene	12.40	146	3586	0.51	ug/l	99

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

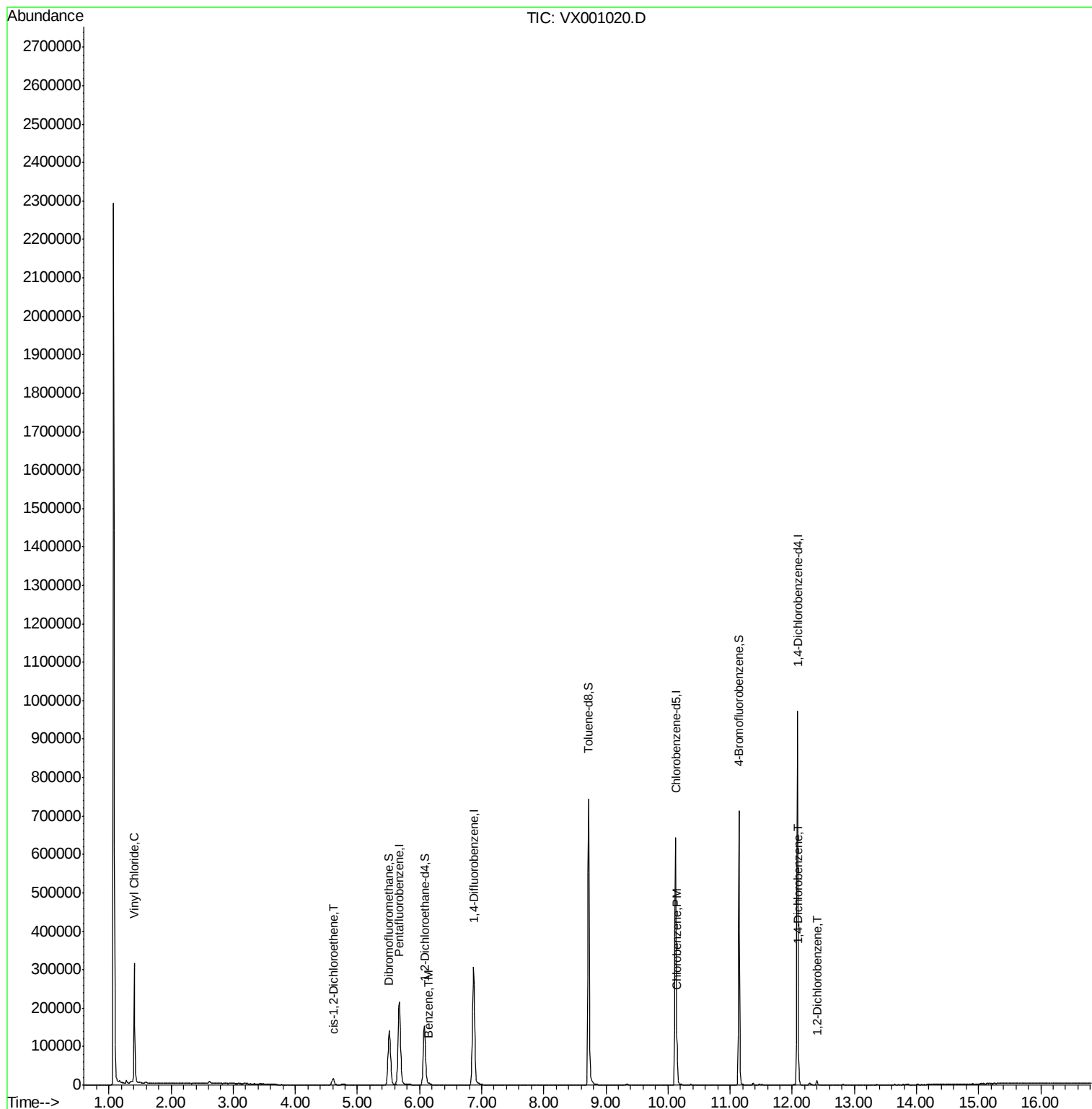
Data File : VX001020.D
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Sample : J2349-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

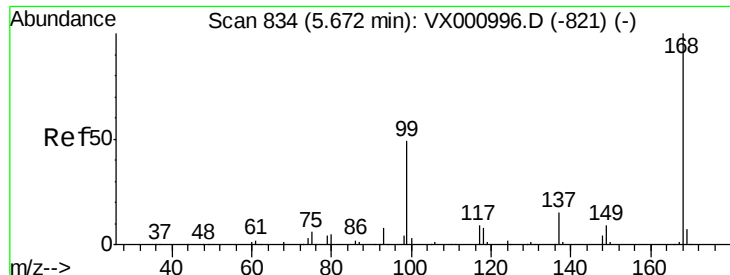
Instrument :
MSVOA_X
ClientSampleId :
LF014MW086-180411

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Quant Time: Apr 23 07:06:14 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001020.D

Acq: 20 Apr 2018 20:06

Instrument :

MSVOA_X

ClientSampleId :

LF014MW086-180411

Tgt Ion: 168 Resp: 231656

Ion Ratio Lower Upper

168 100

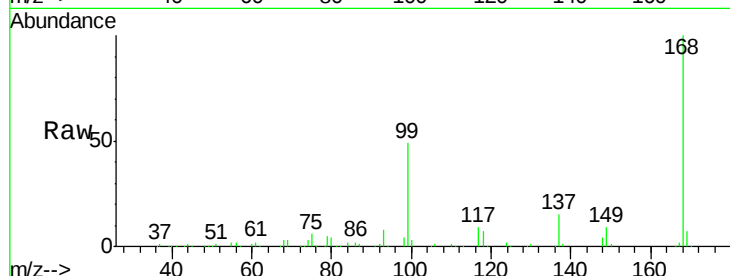
99 49.2 39.2 58.8

Manual Integrations

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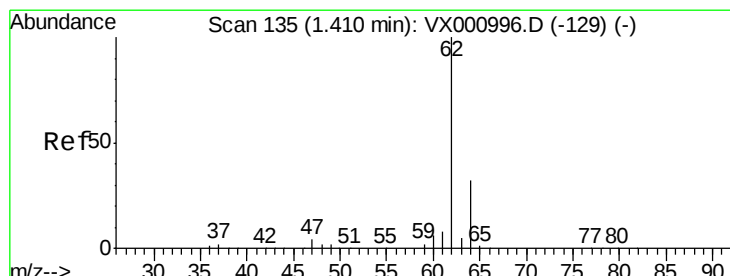
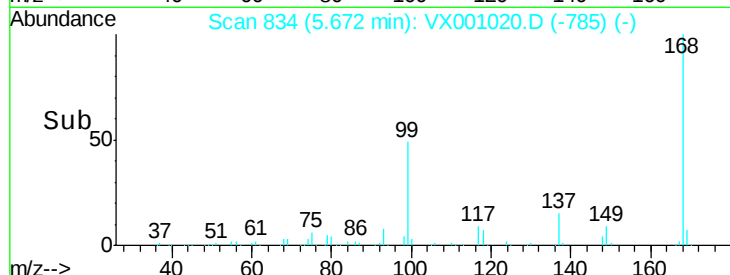
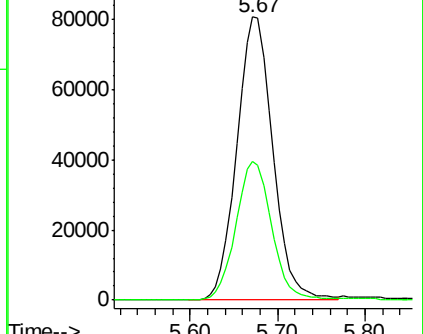
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 74.28 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX001020.D

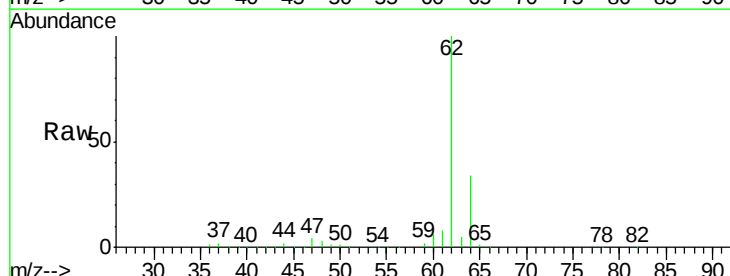
Acq: 20 Apr 2018 20:06

Tgt Ion: 62 Resp: 205964

Ion Ratio Lower Upper

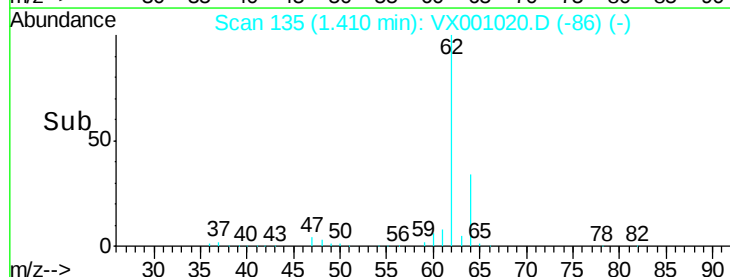
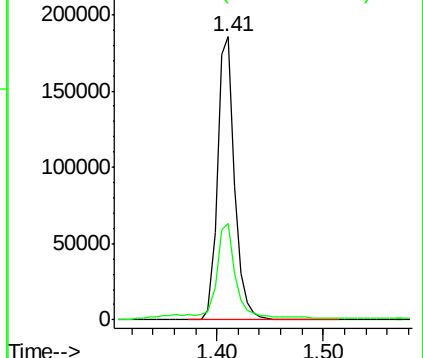
62 100

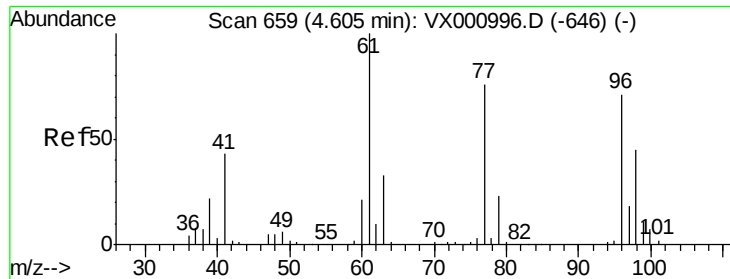
64 33.3 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 3.63 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001020.D

Acq: 20 Apr 2018 20:06

Instrument :

MSVOA_X

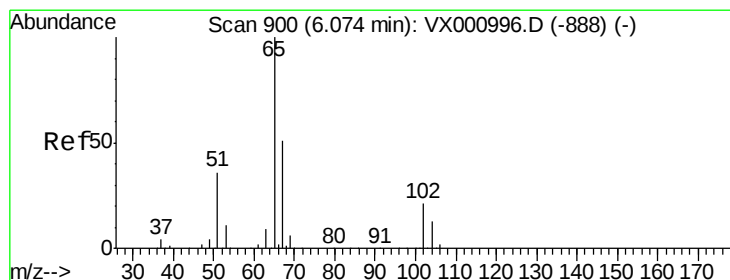
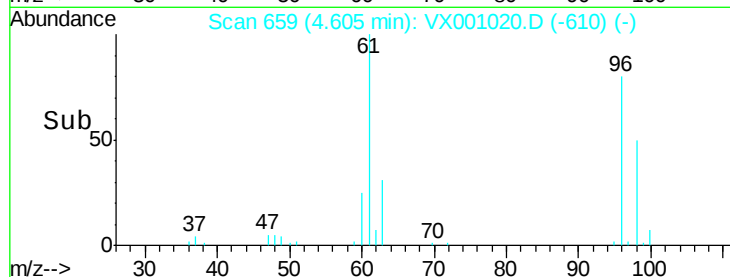
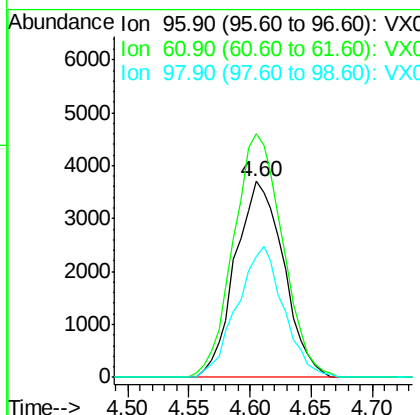
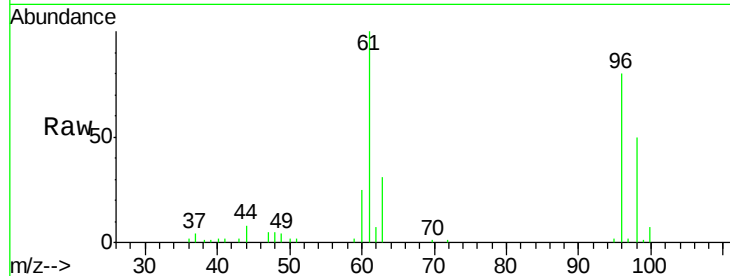
ClientSampleId :

LF014MW086-180411

Tgt Ion:	96	Resp:	10171
Ion	Ratio	Lower	Upper
96	100		
61	125.8	0.0	297.0
98	64.3	0.0	130.0

Manual Integrations
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#33

1,2-Dichloroethane-d4

Concen: 51.84 ug/l

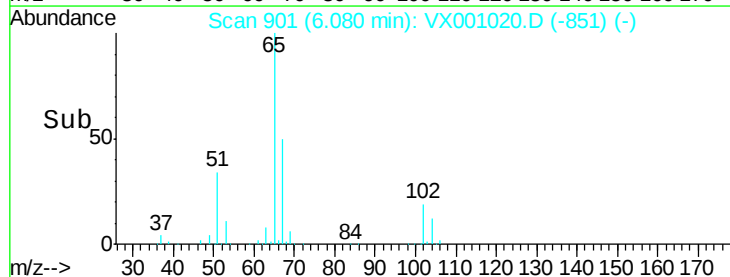
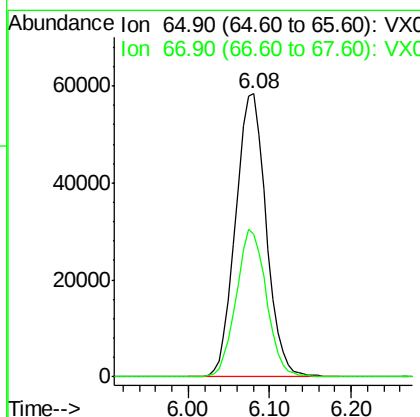
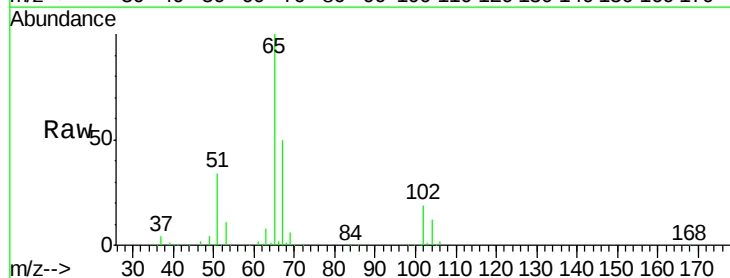
RT: 6.08 min Scan# 901

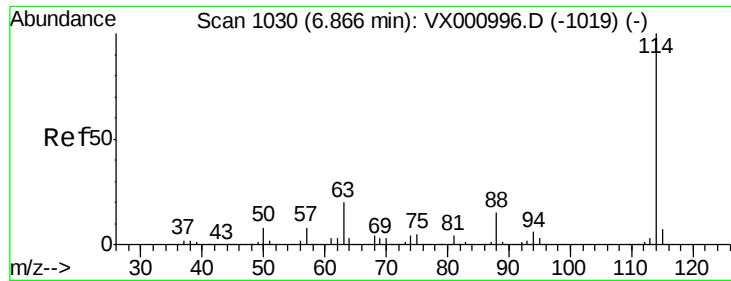
Delta R.T. 0.01 min

Lab File: VX001020.D

Acq: 20 Apr 2018 20:06

Tgt Ion:	65	Resp:	152237
Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	102.6





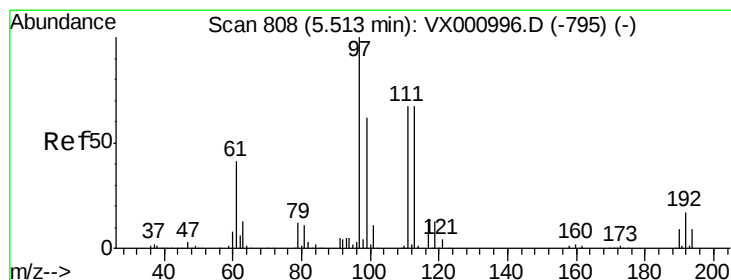
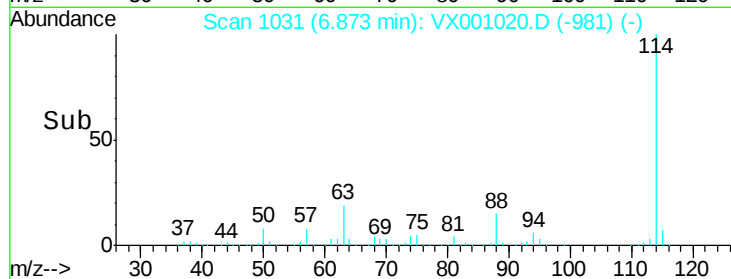
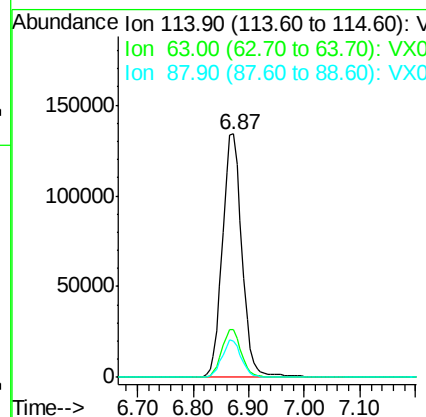
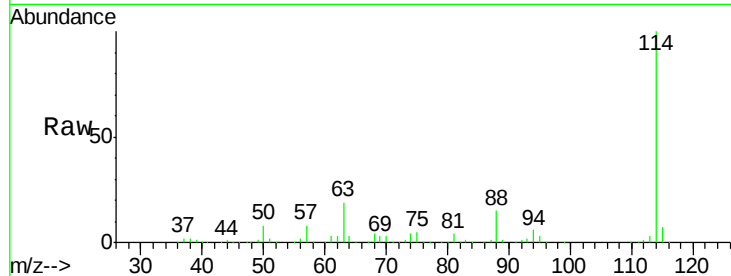
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001020.D
 Acq: 20 Apr 2018 20:06

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014MW086-180411

Tgt Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	19.5	0.0	39.4
88	15.1	0.0	29.8

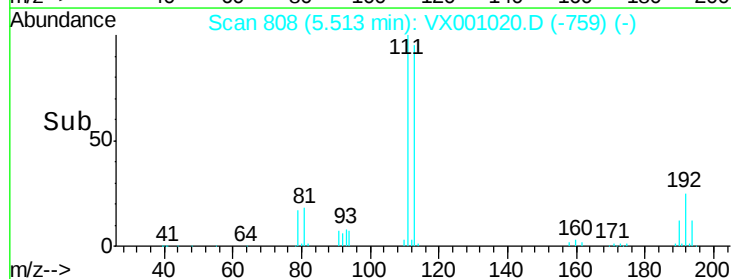
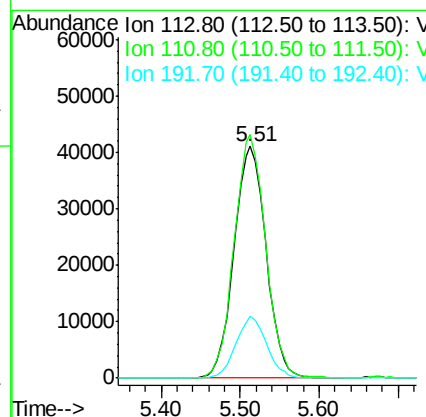
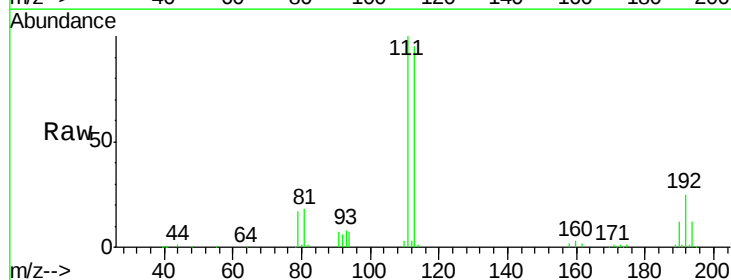
Manual Integrations
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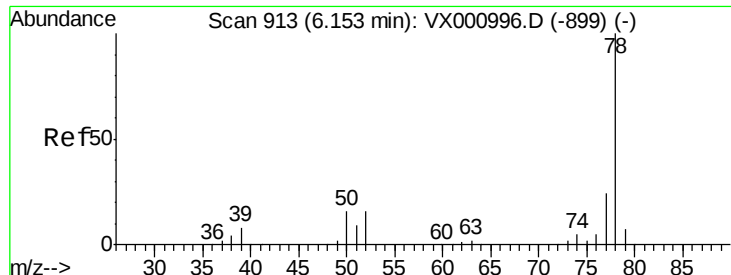
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#35
 Dibromofluoromethane
 Concen: 46.39 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001020.D
 Acq: 20 Apr 2018 20:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
113	100		
111	103.1	81.4	122.2
192	25.6	20.4	30.6





#40

Benzene

Concen: 0.44 ug/l

RT: 6.15 min Scan# 913

Delta R.T. 0.00 min

Lab File: VX001020.D

Acq: 20 Apr 2018 20:06

Instrument :

MSVOA_X

ClientSampleId :

LF014MW086-180411

Tgt Ion: 78 Resp: 4761

Ion Ratio Lower Upper

78 100

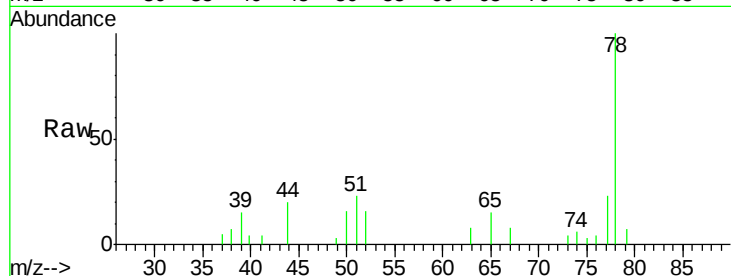
77 23.3 18.9 28.3

Manual Integrations

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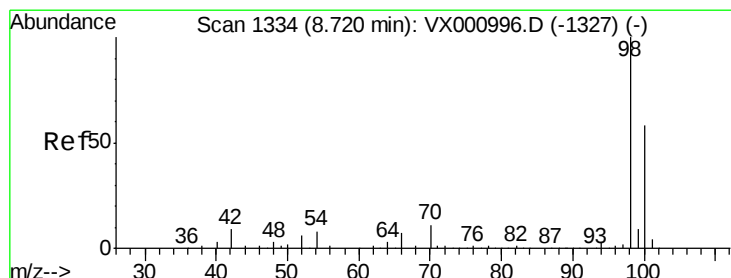
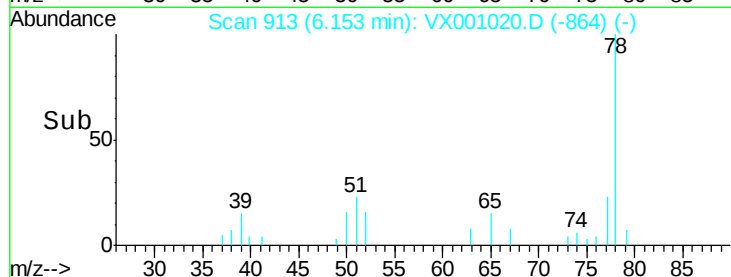
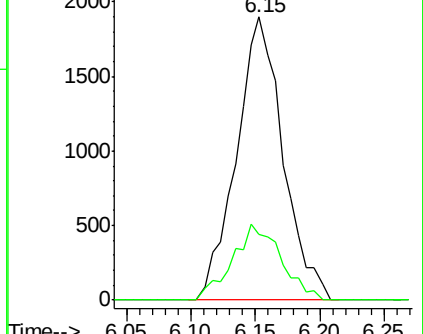
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Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 49.74 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001020.D

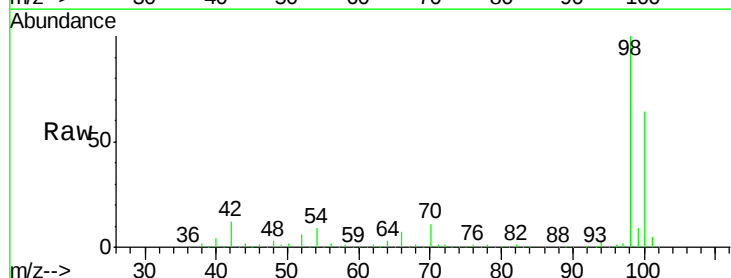
Acq: 20 Apr 2018 20:06

Tgt Ion: 98 Resp: 460376

Ion Ratio Lower Upper

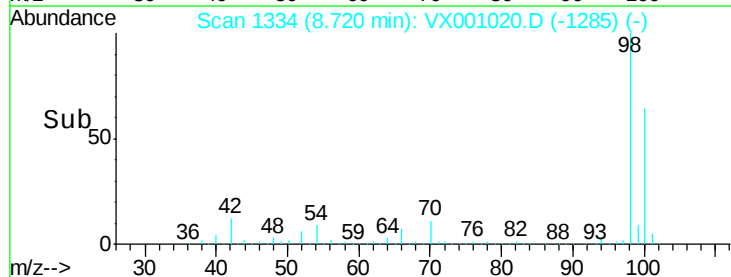
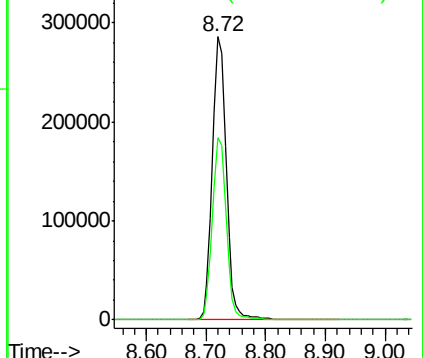
98 100

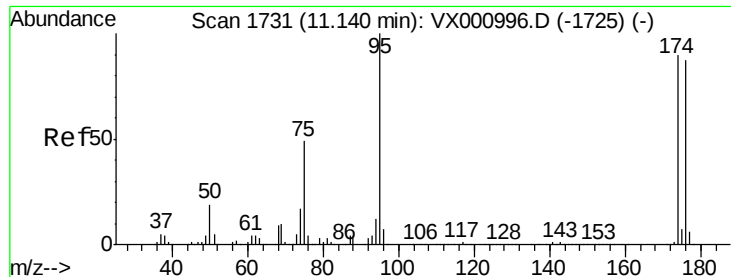
100 64.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





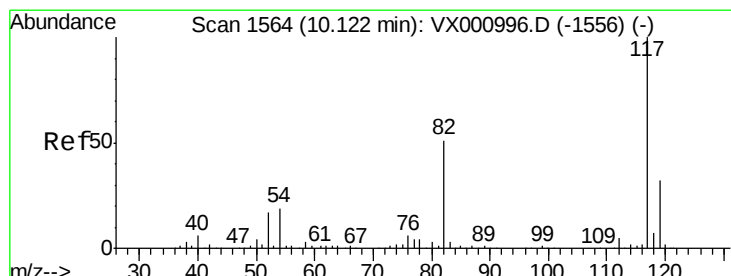
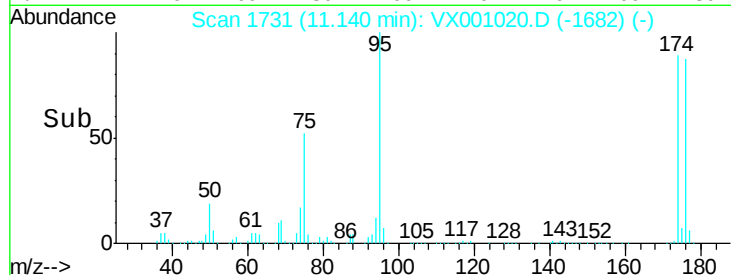
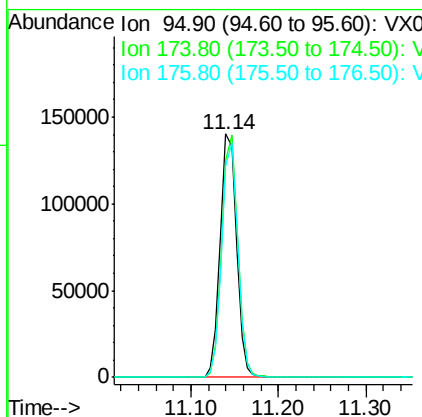
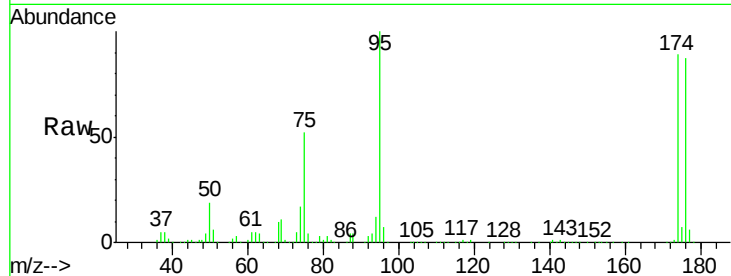
#62
4-Bromofluorobenzene
Concen: 46.62 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001020.D
Acq: 20 Apr 2018 20:06

Instrument :
MSVOA_X
ClientSampleId :
LF014MW086-180411

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	181088		
174	97.0	0.0	198.4	
176	94.2	0.0	192.0	

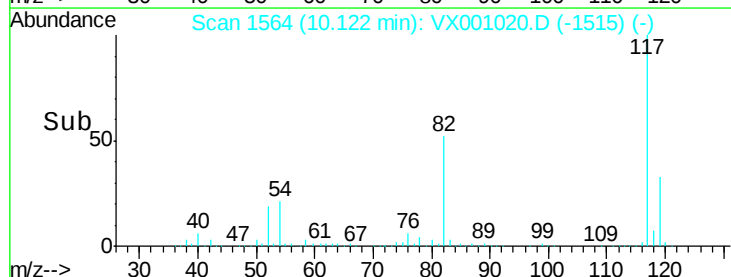
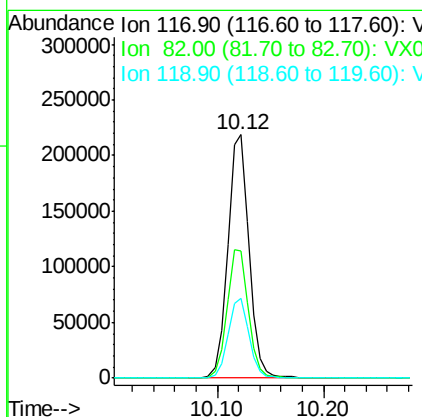
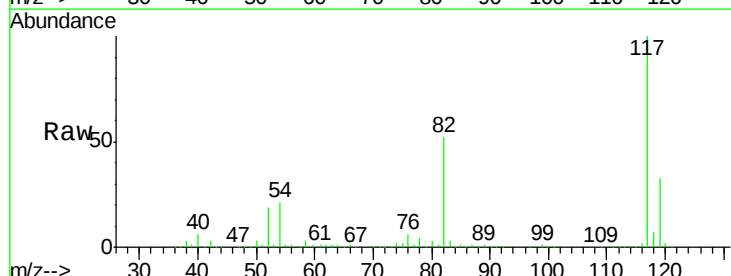
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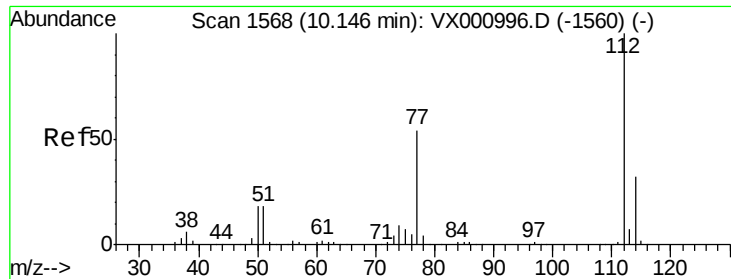
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4/23/2018 1:27:43 PM



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001020.D
Acq: 20 Apr 2018 20:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	305434		
82	52.3	40.6	60.8	
119	32.8	26.0	39.0	





#65

Chlorobenzene

Concen: 4.74 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001020.D

Acq: 20 Apr 2018 20:06

Instrument :

MSVOA_X

ClientSampleId :

LF014MW086-180411

Tgt Ion:112 Resp: 38544

Ion Ratio Lower Upper

112 100

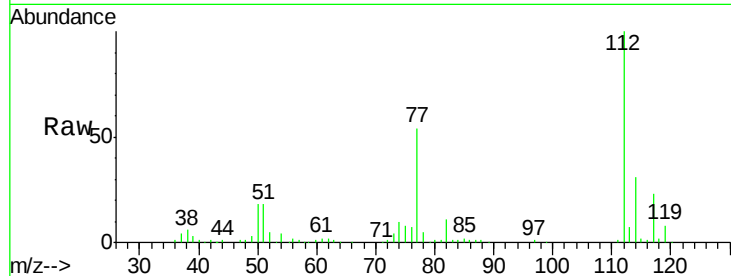
114 31.3 25.5 38.3

Manual Integrations

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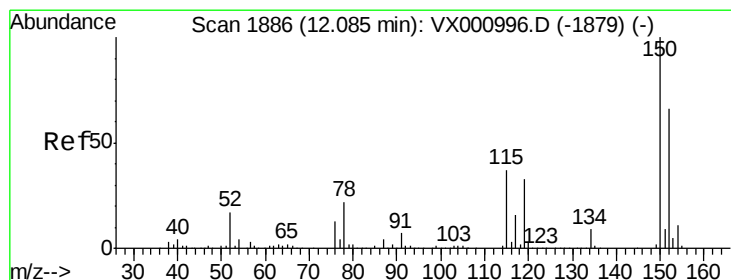
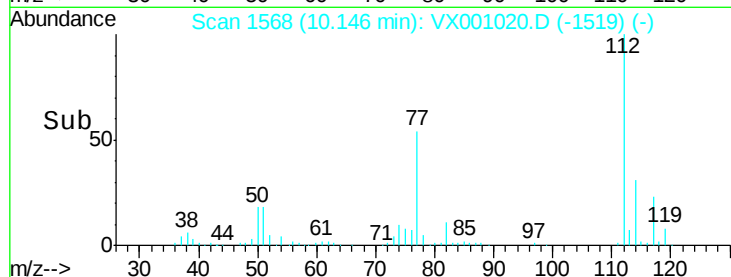
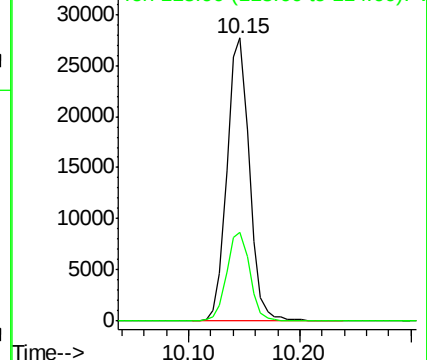
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001020.D

Acq: 20 Apr 2018 20:06

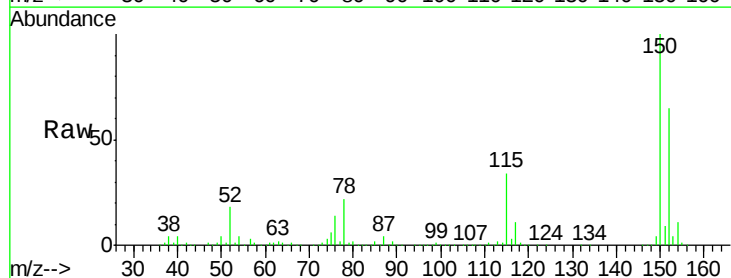
Tgt Ion:152 Resp: 205314

Ion Ratio Lower Upper

152 100

115 53.4 38.2 114.6

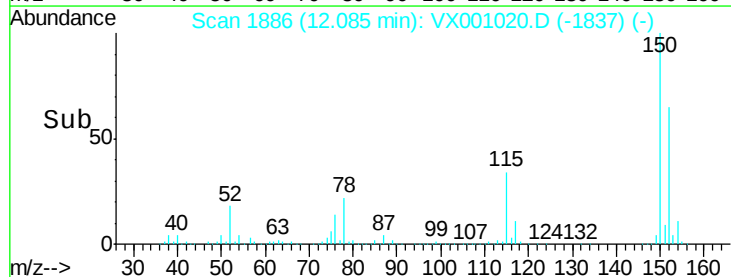
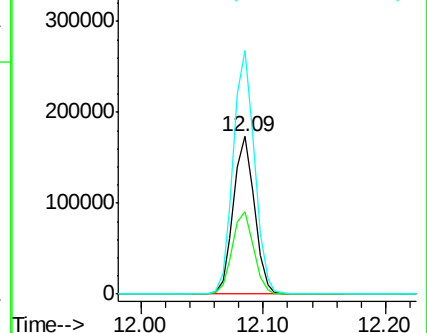
150 156.0 0.0 350.4

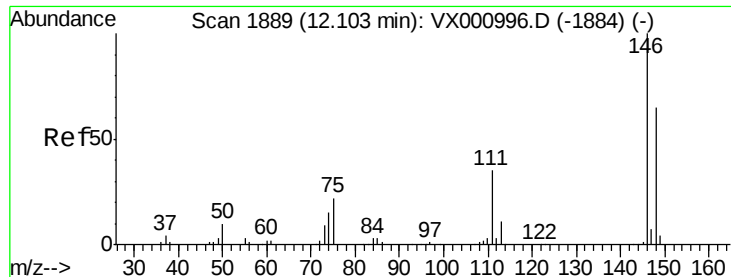


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#88

1,4-Dichlorobenzene

Concen: 1.44 ug/l m

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX001020.D

Acq: 20 Apr 2018 20:06

Instrument :

MSVOA_X

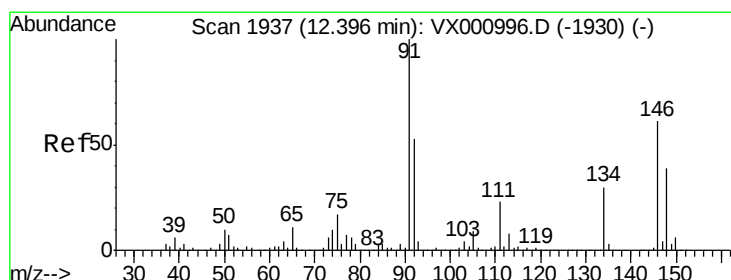
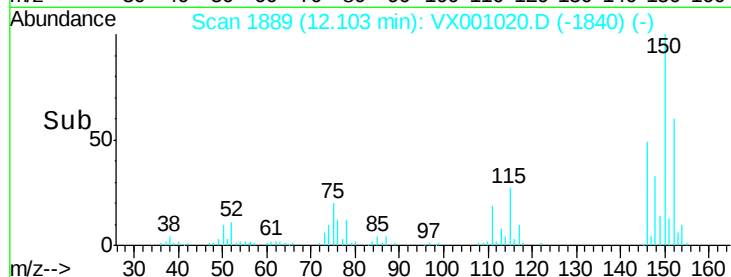
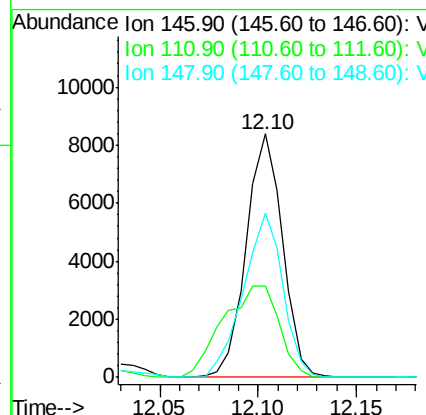
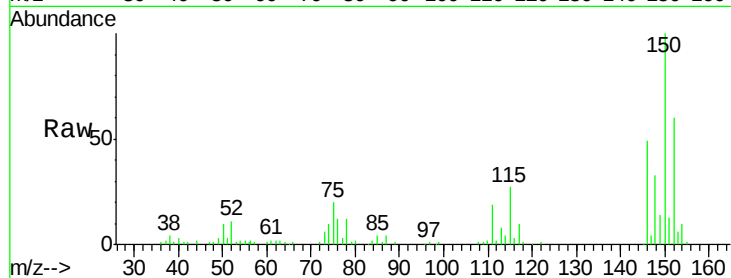
ClientSampleId :

LF014MW086-180411

Tgt Ion:	146	Resp:	10757
Ion Ratio	Lower	Upper	
146	100		
111	2.1	18.0	54.0#
148	3.4	32.4	97.0#

Manual Integrations
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#91

1,2-Dichlorobenzene

Concen: 0.51 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001020.D

Acq: 20 Apr 2018 20:06

Tgt Ion:	146	Resp:	3586
Ion Ratio	Lower	Upper	
146	100		
111	36.2	18.6	56.0
148	64.4	32.3	96.8

