

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061020\
 Data File : VX016680.D
 Acq On : 10 Jun 2020 17:17
 Operator : JC/SP
 Sample : L2963-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014MW012-200609

Manual Integrations
 APPROVED

MMDadoda
 6/11/2020 12:46:17 PM

Quant Time: Jun 11 03:37:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	219609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	351556	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	351846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	181940	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	132152	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.92%	
35) Dibromofluoromethane	5.47	113	108589	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.32%	
50) Toluene-d8	8.70	98	433518	51.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.90%	
62) 4-Bromofluorobenzene	11.12	95	173098	53.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.34%	
Target Compounds						
16) Acetone	2.42	43	2545	2.130	ug/l #	86
27) cis-1,2-Dichloroethene	4.56	96	1153	0.426	ug/l	76
65) Chlorobenzene	10.12	112	22480	3.134	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	1261	0.220	ug/l	89
88) 1,4-Dichlorobenzene	12.08	146	9406m	1.606	ug/l	
91) 1,2-Dichlorobenzene	12.38	146	9057	1.632	ug/l	97

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

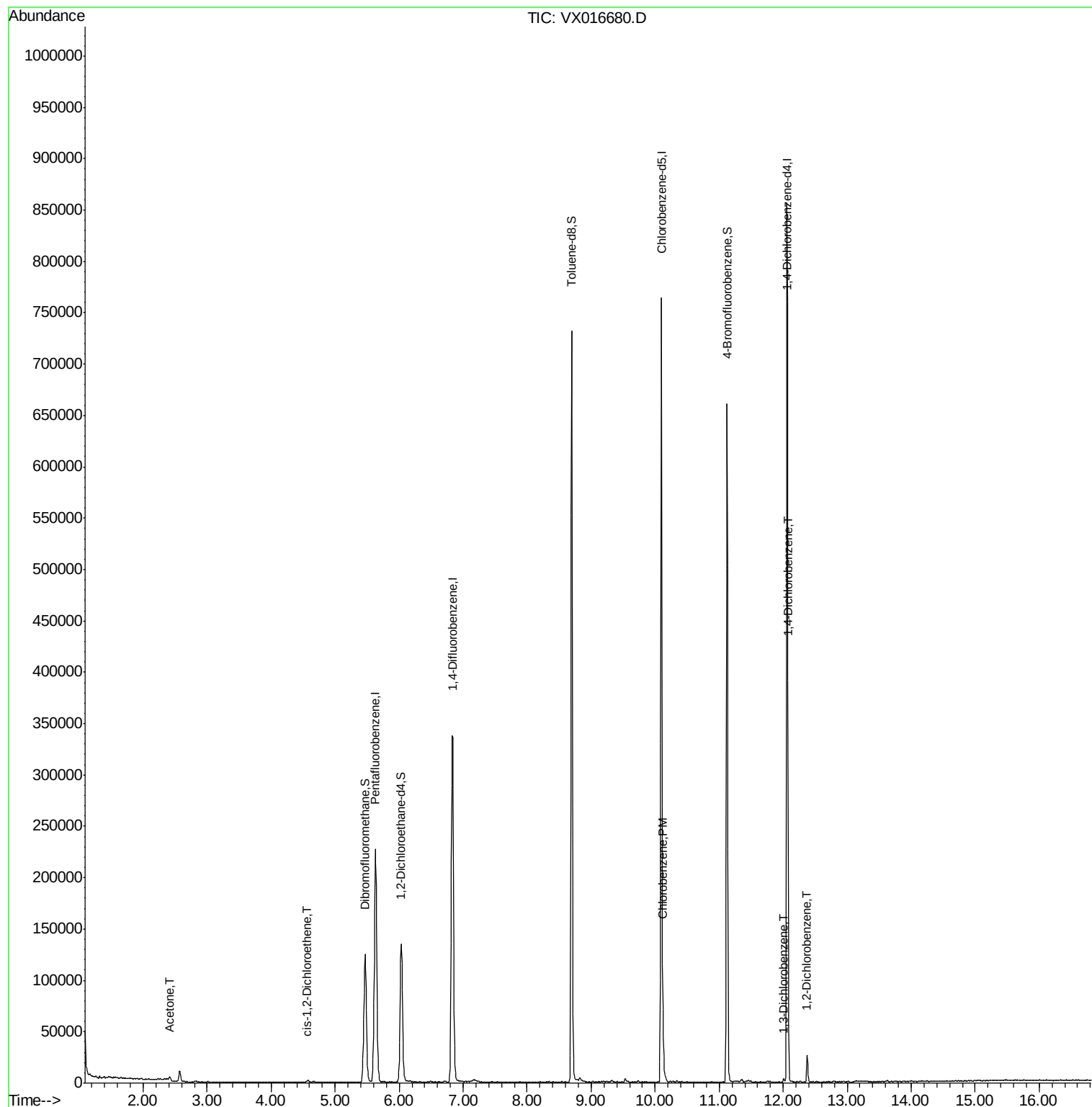
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061020\
Data File : VX016680.D
Acq On : 10 Jun 2020 17:17
Operator : JC/SP
Sample : L2963-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

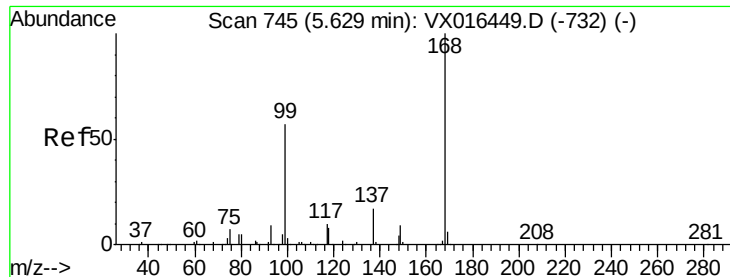
Instrument :
MSVOA_X
ClientSampleId :
LF014MW012-200609

Manual Integrations
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Quant Time: Jun 11 03:37:31 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016680.D

Acq: 10 Jun 2020 17:17

Instrument :

MSVOA_X

ClientSampleId :

LF014MW012-200609

Tot Ion:168 Resp: 219609

Ion Ratio Lower Upper

168 100

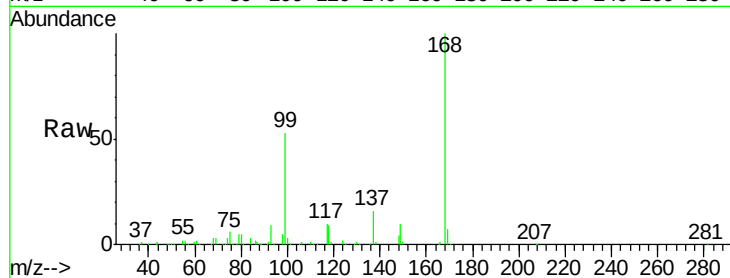
99 53.1 45.2 67.8

Manual Integrations

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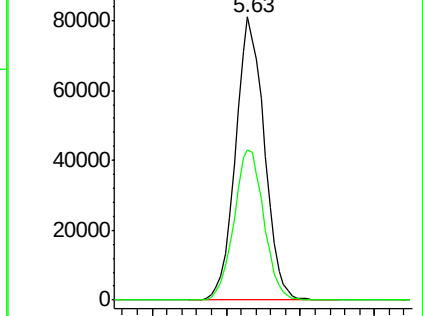
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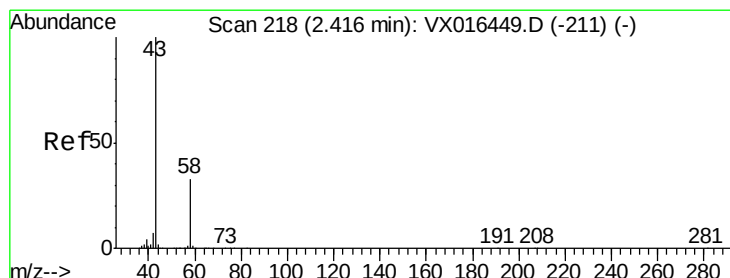
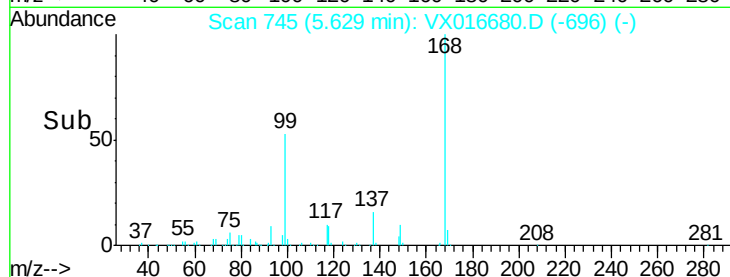


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



Time-->



#16

Acetone

Concen: 2.130 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016680.D

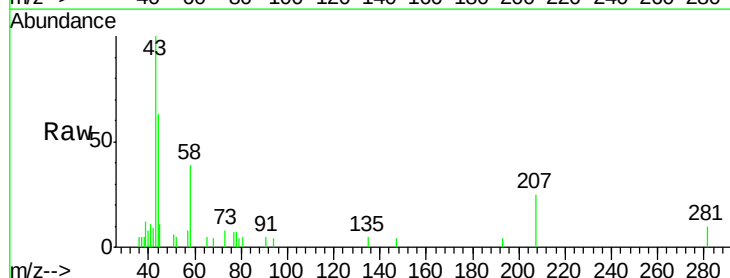
Acq: 10 Jun 2020 17:17

Tgt Ion: 43 Resp: 2545

Ion Ratio Lower Upper

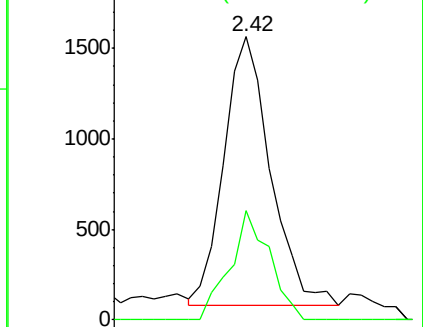
43 100

58 40.7 26.1 39.1#

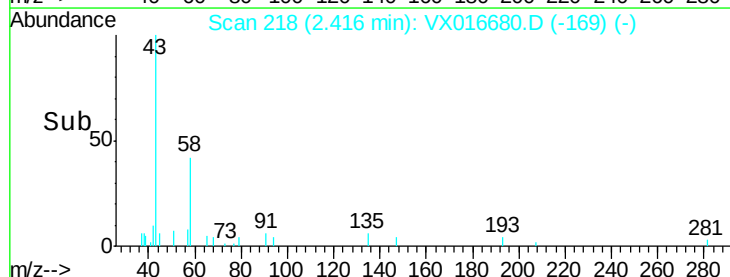


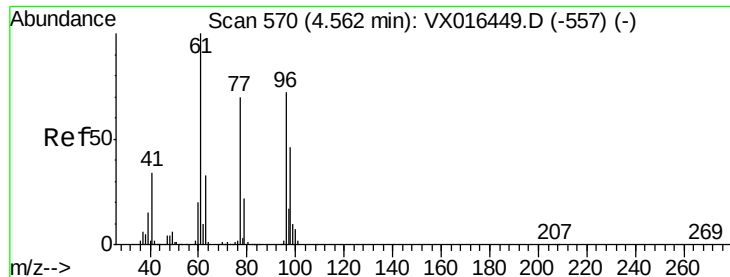
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->





#27

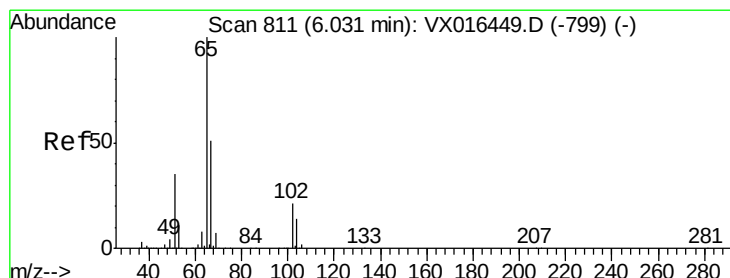
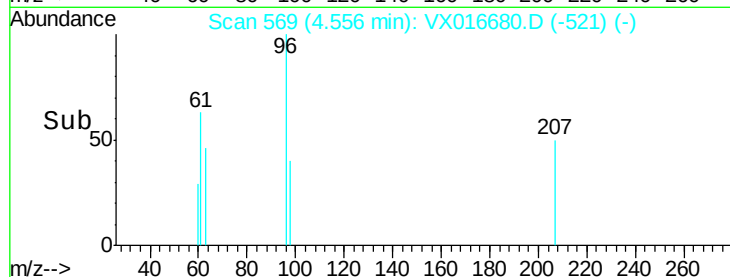
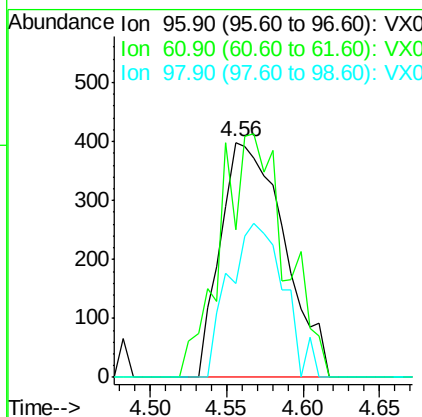
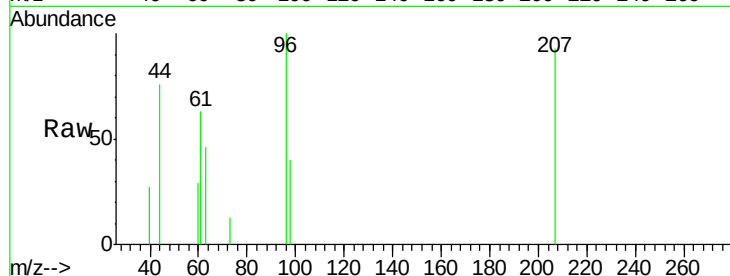
cis-1,2-Dichloroethene
Concen: 0.426 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX016680.D
Acq: 10 Jun 2020 17:17

Instrument :
MSVOA_X
ClientSampleId :
LF014MW012-200609

Tot Ion	Ratio	Lower	Upper
96	100		
61	105.2	0.0	284.6
98	56.5	0.0	127.2

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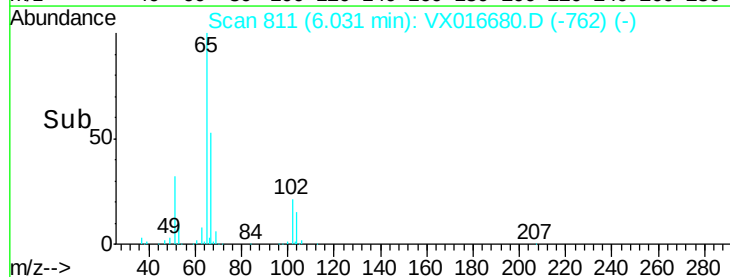
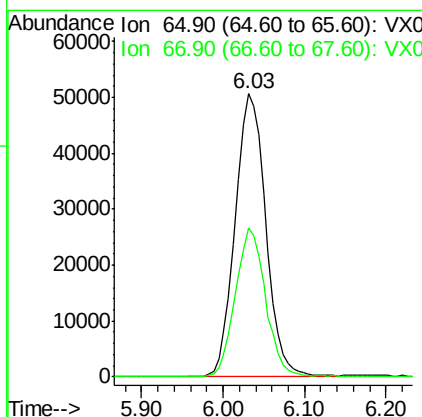
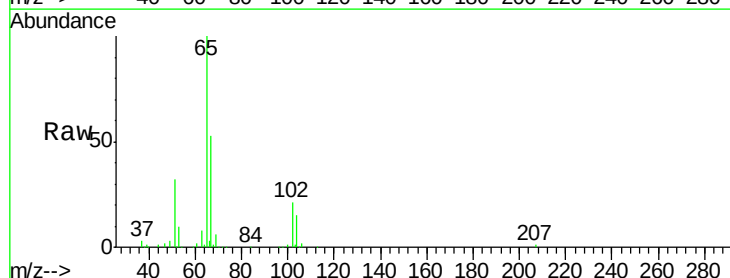
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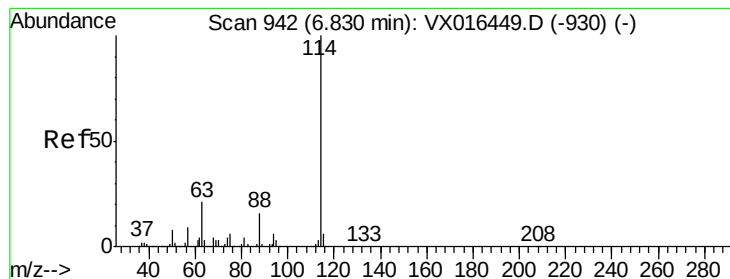


#33

1,2-Dichloroethane-d4
Concen: 48.456 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016680.D
Acq: 10 Jun 2020 17:17

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016680.D

Acq: 10 Jun 2020 17:17

Instrument :

MSVOA_X

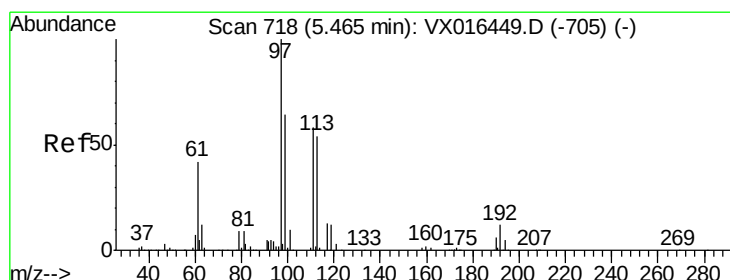
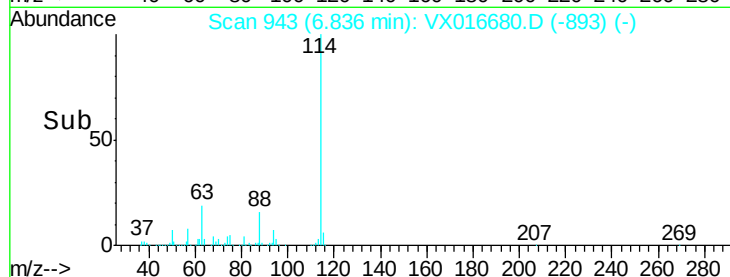
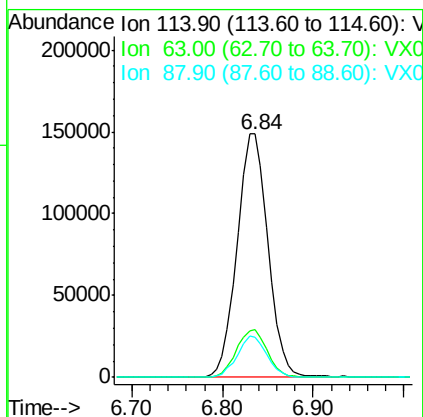
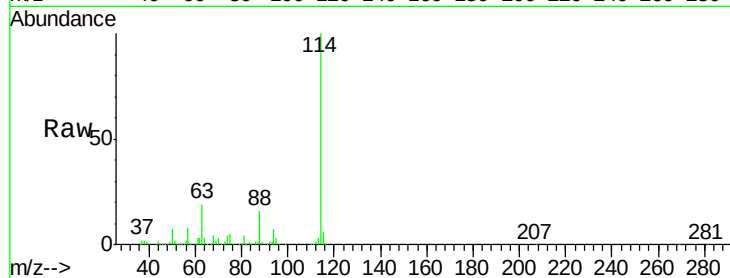
ClientSampleId :

LF014MW012-200609

Tot Ion	Ion	Ratio	Resp	Lower	Upper
114	100		351556		
63	19.5		0.0	42.6	
88	16.3		0.0	32.8	

Manual Integrations
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#35

Dibromofluoromethane

Concen: 50.164 ug/l

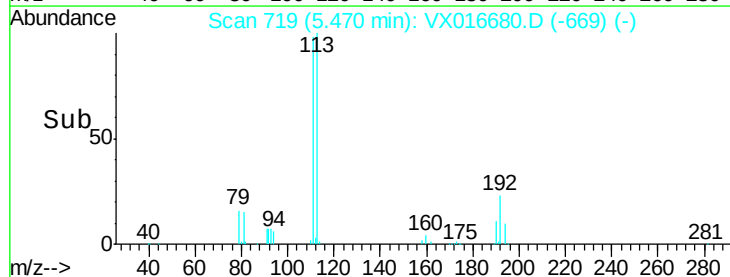
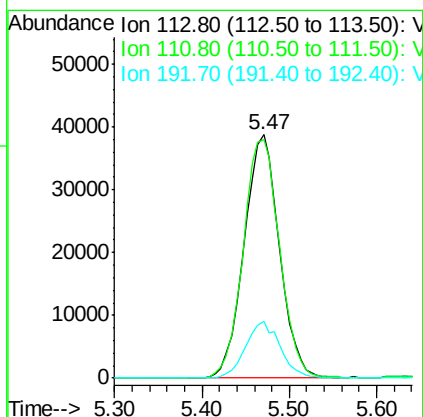
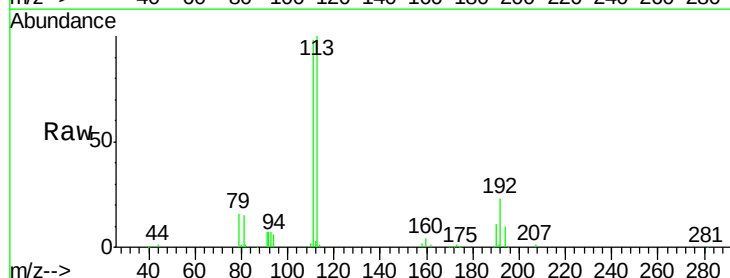
RT: 5.47 min Scan# 719

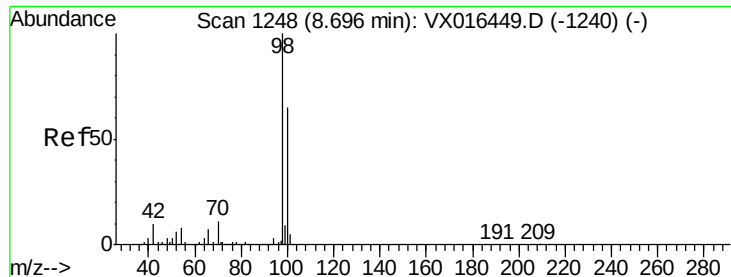
Delta R.T. 0.01 min

Lab File: VX016680.D

Acq: 10 Jun 2020 17:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
113	100		108589		
111	101.3		83.0	124.6	
192	23.0		17.7	26.5	





#50

Toluene-d8

Concen: 51.453 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016680.D

Acq: 10 Jun 2020 17:17

Instrument :

MSVOA_X

ClientSampleId :

LF014MW012-200609

Tot Ion: 98 Resp: 433518

Ion Ratio Lower Upper

98 100

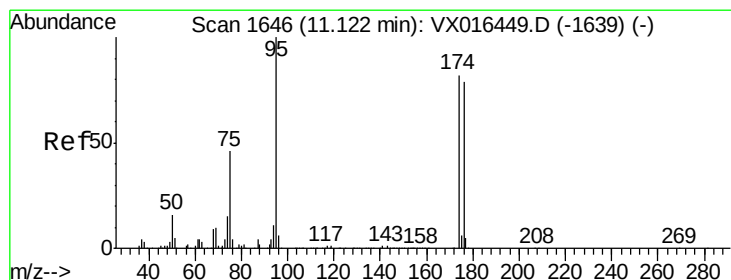
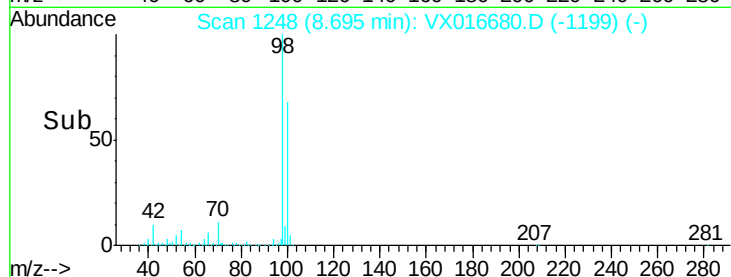
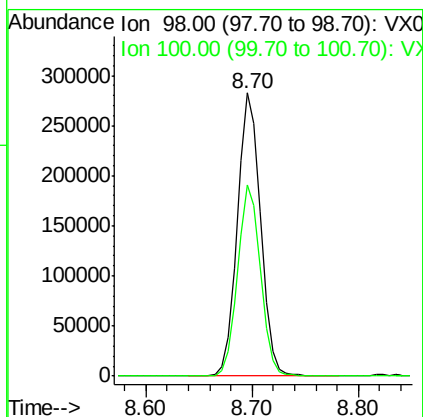
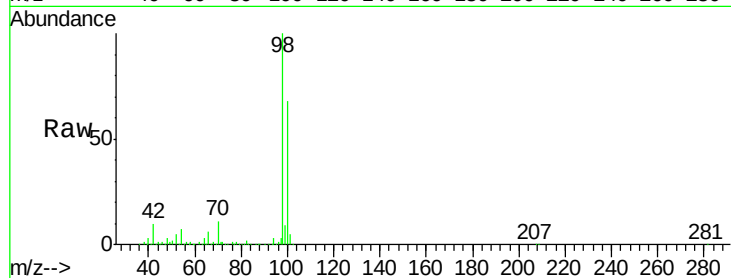
100 66.7 53.8 80.6

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 53.170 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016680.D

Acq: 10 Jun 2020 17:17

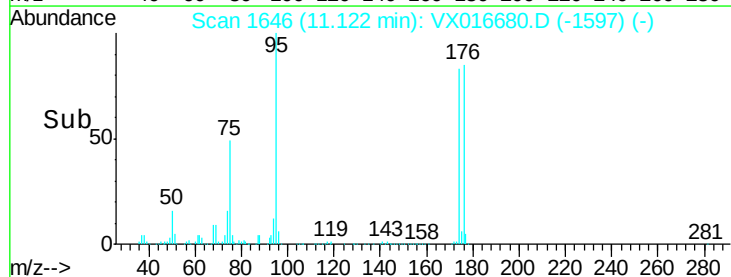
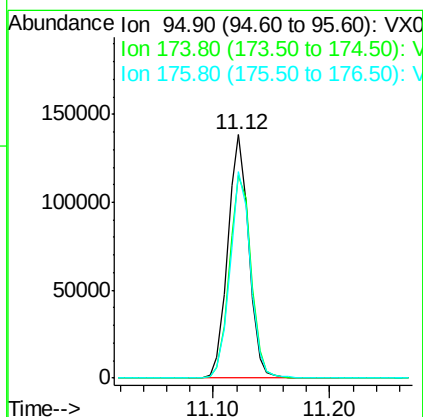
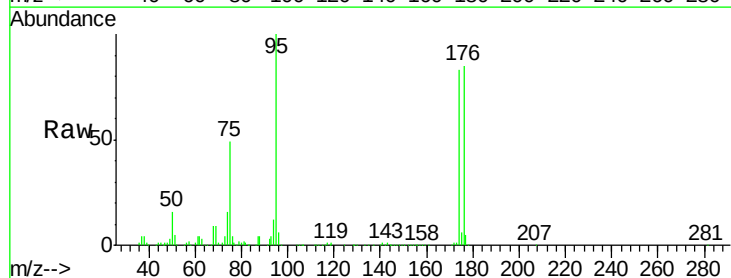
Tgt Ion: 95 Resp: 173098

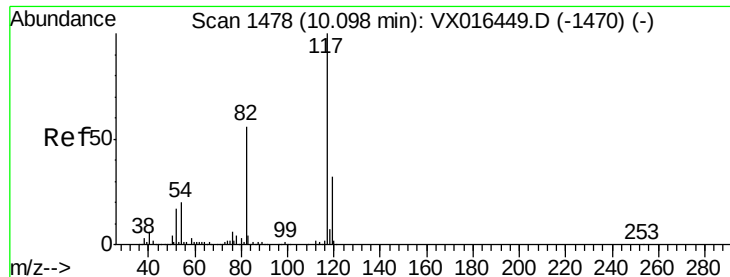
Ion Ratio Lower Upper

95 100

174 86.5 0.0 163.0

176 83.2 0.0 156.8





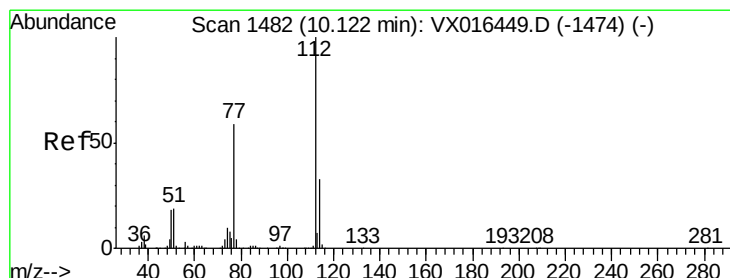
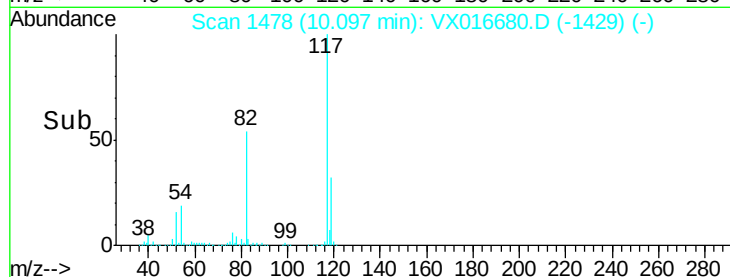
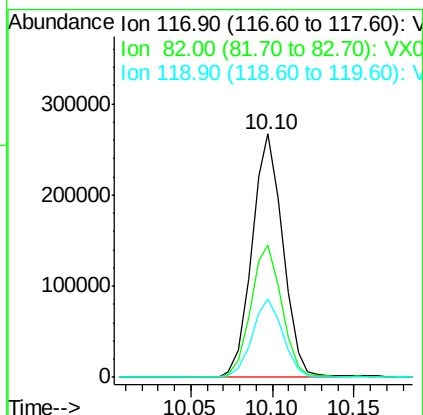
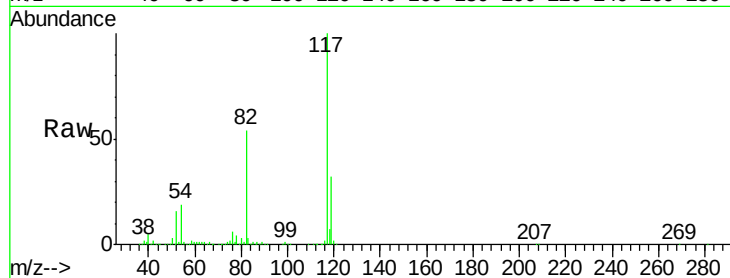
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016680.D
Acq: 10 Jun 2020 17:17

Instrument :
MSVOA_X
ClientSampleId :
LF014MW012-200609

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.4	45.0	67.6
119	32.4	25.8	38.8

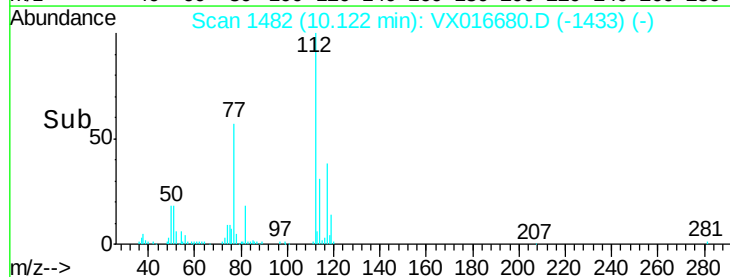
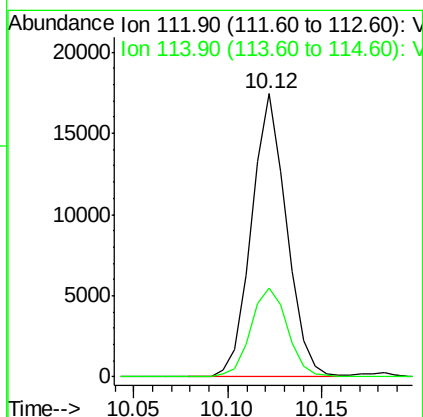
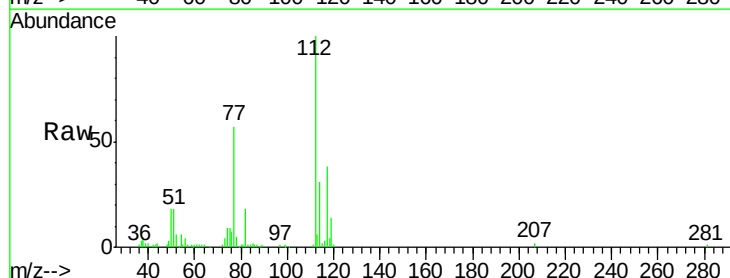
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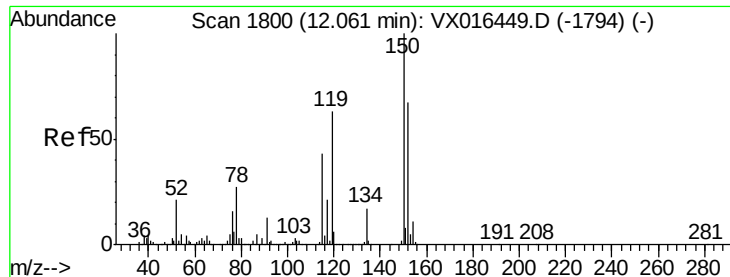
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#65
Chlorobenzene
Concen: 3.134 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016680.D
Acq: 10 Jun 2020 17:17

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.3	26.0	39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016680.D

Acq: 10 Jun 2020 17:17

Instrument :

MSVOA_X

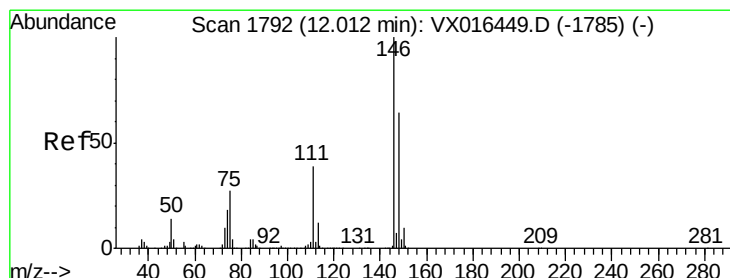
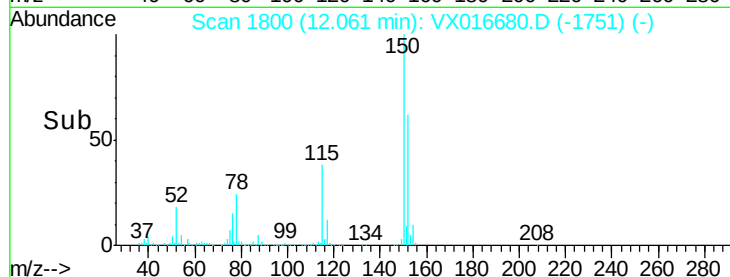
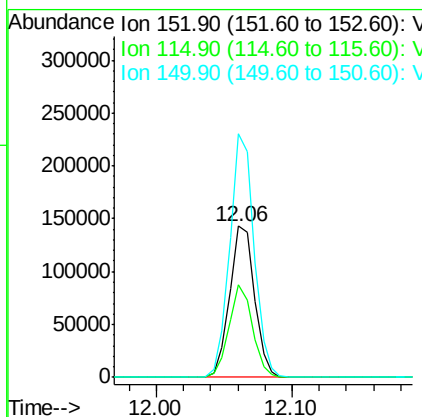
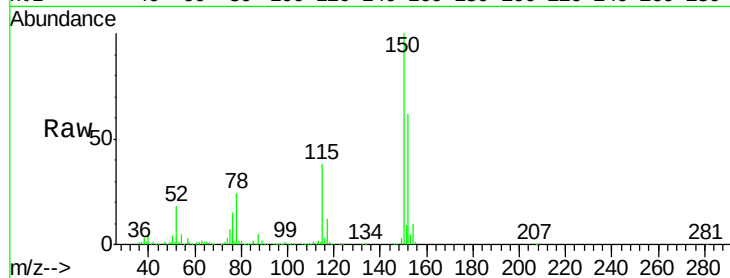
ClientSampleId :

LF014MW012-200609

Tot Ion:	152	Resp:	181940
Ion Ratio	Lower	Upper	
152	100		
115	57.8	39.9	119.6
150	157.3	0.0	341.0

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#87

1,3-Dichlorobenzene

Concen: 0.220 ug/l

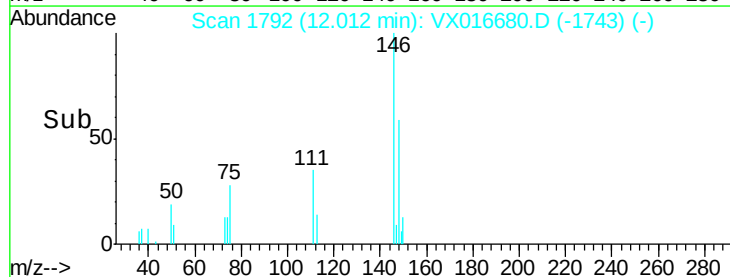
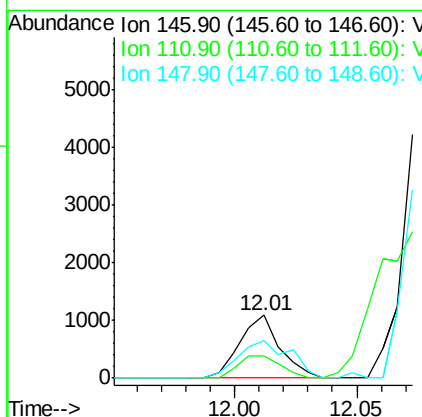
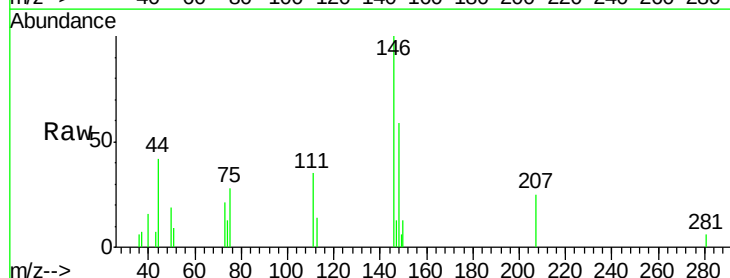
RT: 12.01 min Scan# 1792

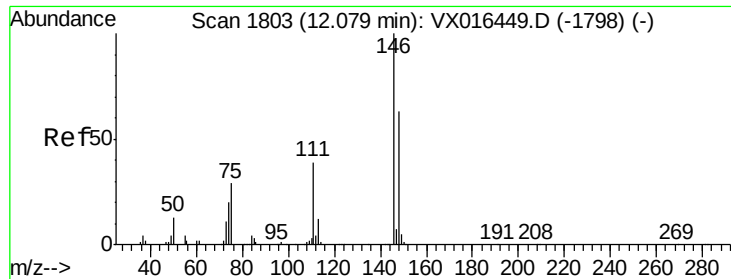
Delta R.T. -0.00 min

Lab File: VX016680.D

Acq: 10 Jun 2020 17:17

Tgt Ion:	146	Resp:	1261
Ion Ratio	Lower	Upper	
146	100		
111	37.6	20.0	60.0
148	75.3	31.9	95.5





#88

1,4-Dichlorobenzene

Concen: 1.606 ug/l m

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX016680.D

Acq: 10 Jun 2020 17:17

Instrument :

MSVOA_X

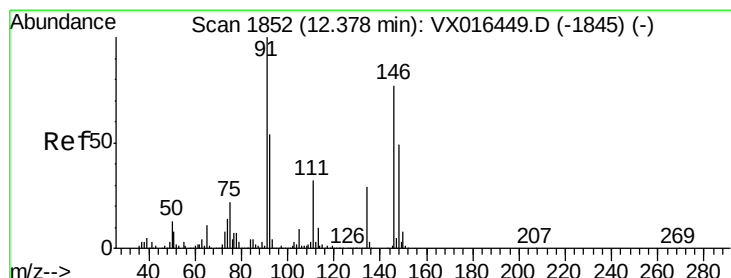
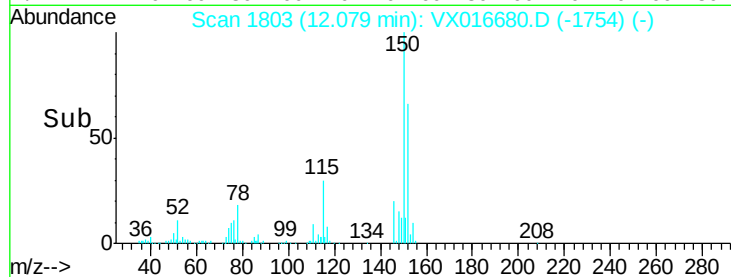
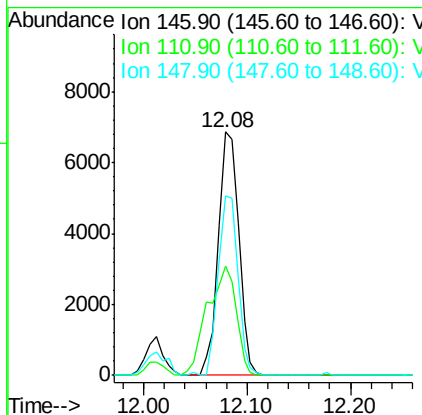
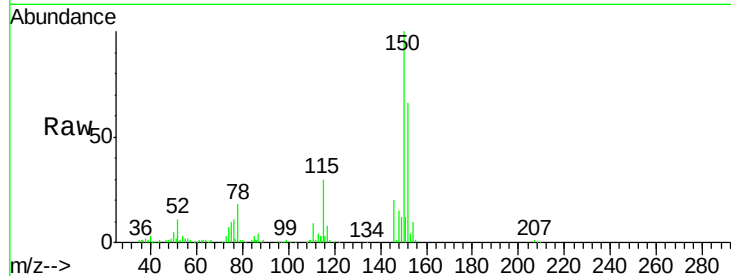
ClientSampleId :

LF014MW012-200609

Tot Ion:	146	Resp:	9406
Ion Ratio	Lower	Upper	
146	100		
111	5.0	19.4	58.2#
148	10.1	31.4	94.3#

Manual Integrations
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#91

1,2-Dichlorobenzene

Concen: 1.632 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016680.D

Acq: 10 Jun 2020 17:17

Tgt Ion:	146	Resp:	9057
Ion Ratio	Lower	Upper	
146	100		
111	44.9	21.4	64.3
148	66.6	31.9	95.7

