

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060520\
 Data File : VX016620.D
 Acq On : 05 Jun 2020 18:33
 Operator : JC/SP
 Sample : L2894-19
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012MW144-200602

Manual Integrations
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 6/8/2020 4:55:43 PM

Quant Time: Jun 06 07:10:31 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	5.64	168	218024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	349384	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	346065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	178788	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	131880	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
35) Dibromofluoromethane	5.47	113	107502	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
50) Toluene-d8	8.70	98	424569	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
62) 4-Bromofluorobenzene	11.12	95	171086	52.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.76%	
Target Compounds						
4) Vinyl Chloride	1.39	62	86354	31.493	ug/l	99
12) 1,1-Dichloroethene	2.36	96	4036	1.924	ug/l	95
16) Acetone	2.42	43	3674	3.097	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	4327	1.865	ug/l	83
27) cis-1,2-Dichloroethene	4.57	96	2876389	1071.487	ug/l	89
40) Benzene	6.12	78	6415	0.651	ug/l	96
65) Chlorobenzene	10.12	112	72614	10.292	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1185	0.211	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	5970m	1.037	ug/l	
91) 1,2-Dichlorobenzene	12.38	146	18973	3.479	ug/l	98

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

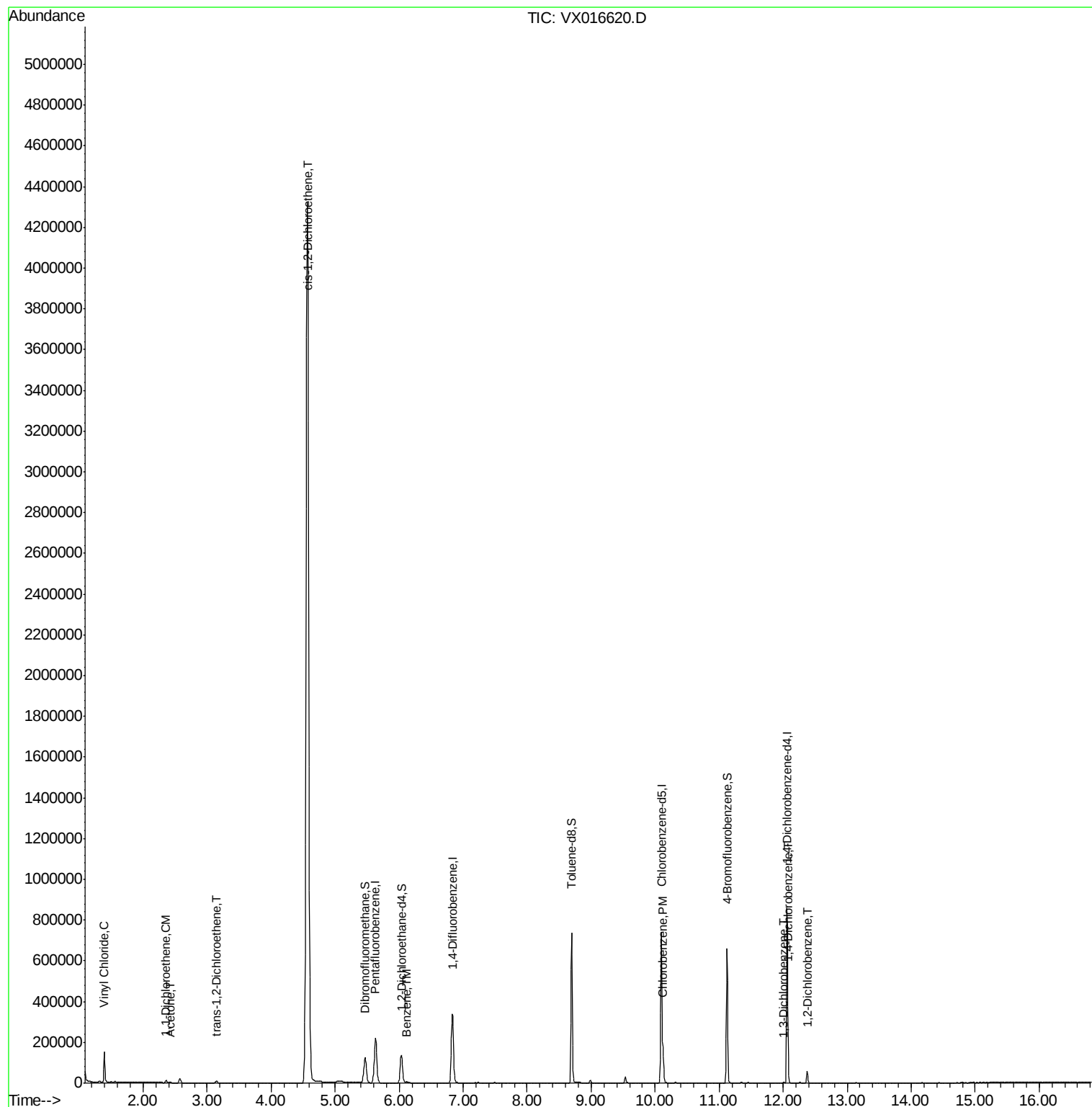
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX060520\
Data File : VX016620.D
Acq On : 05 Jun 2020 18:33
Operator : JC/SP
Sample : L2894-19
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 24 Sample Multiplier: 1

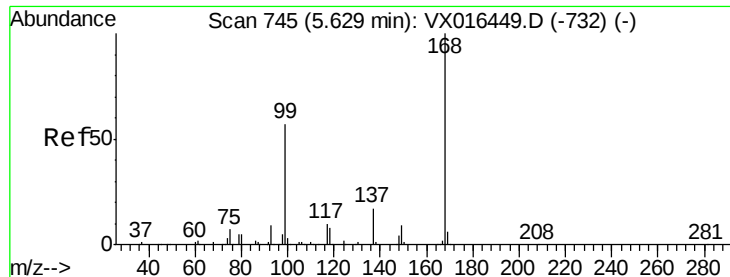
Instrument :
MSVOA_X
ClientSampleId :
LF012MW144-200602

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6/8/2020 4:55:43 PM

Quant Time: Jun 06 07:10:31 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: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016620.D

Acq: 05 Jun 2020 18:33

Instrument :

MSVOA_X

ClientSampleId :

LF012MW144-200602

Tot Ion:168 Resp: 218024

Ion Ratio Lower Upper

168 100

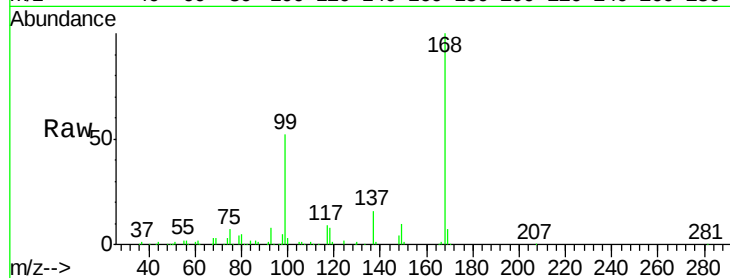
99 52.0 45.2 67.8

Manual Integrations

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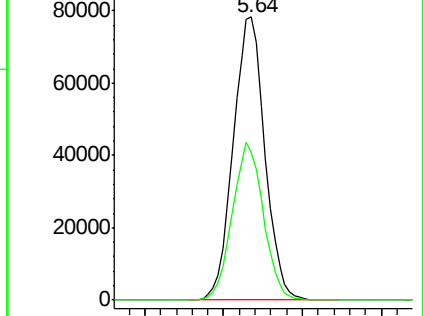
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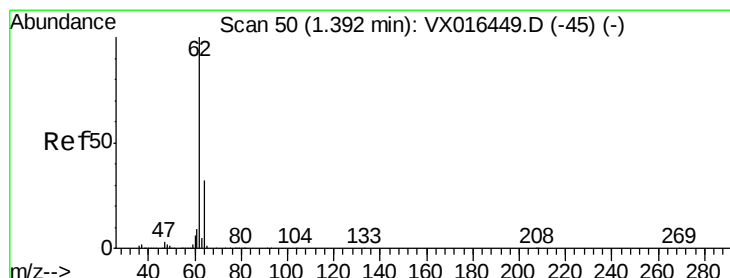
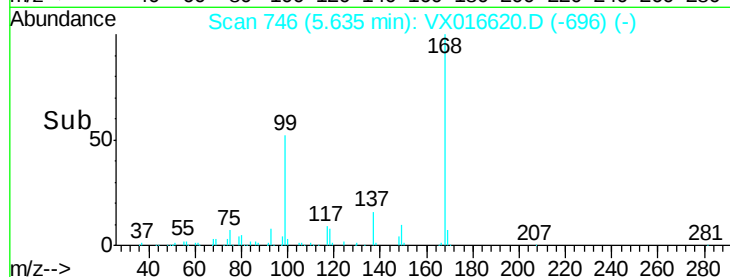


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 31.493 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016620.D

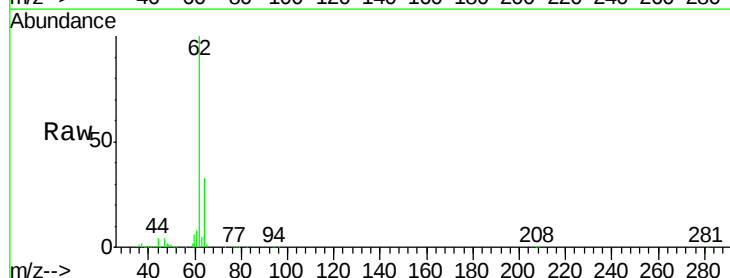
Acq: 05 Jun 2020 18:33

Tgt Ion: 62 Resp: 86354

Ion Ratio Lower Upper

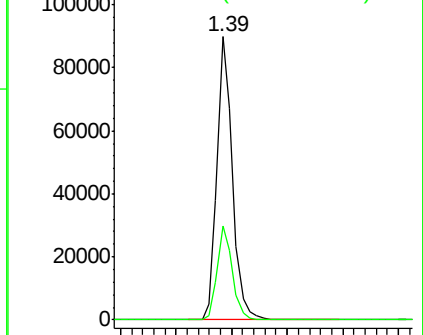
62 100

64 33.2 25.9 38.9

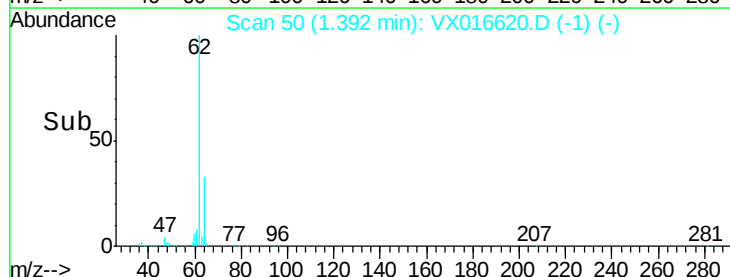


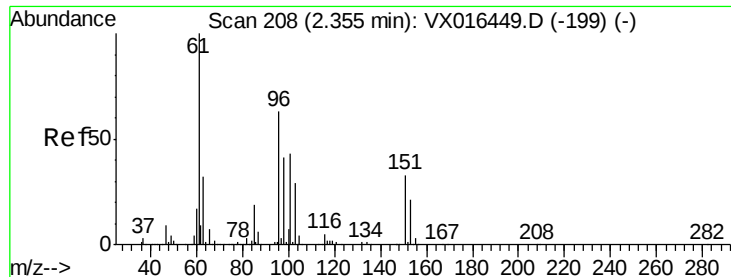
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#12

1,1-Dichloroethene

Concen: 1.924 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX016620.D

Acq: 05 Jun 2020 18:33

Instrument :

MSVOA_X

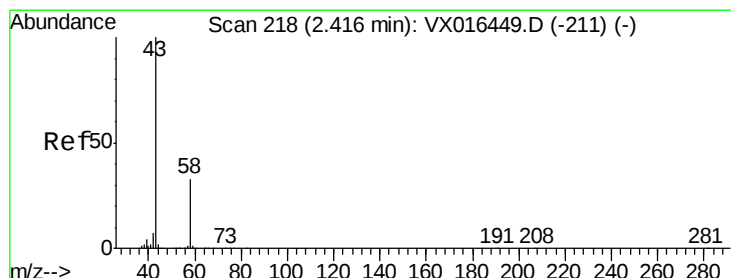
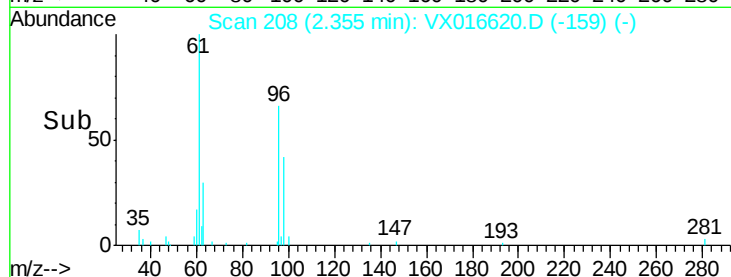
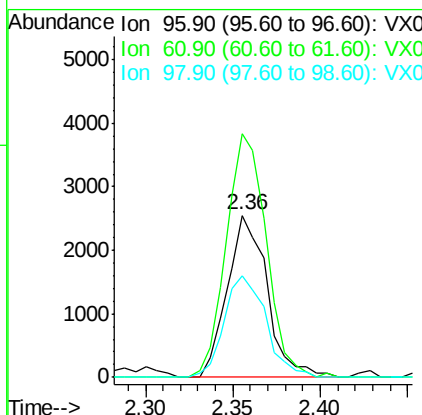
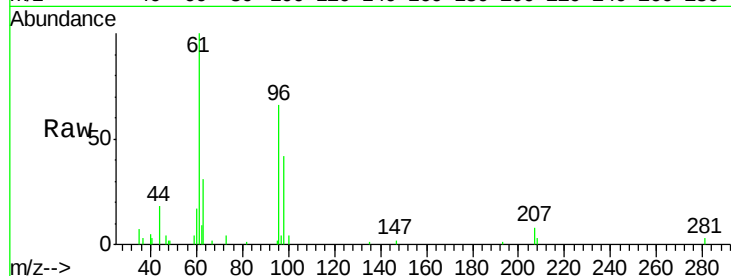
ClientSampleId :

LF012MW144-200602

Tot Ion:	96	Resp:	4036
Ion	Ratio	Lower	Upper
96	100		
61	150.6	126.6	189.8
98	62.5	51.3	76.9

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#16

Acetone

Concen: 3.097 ug/l

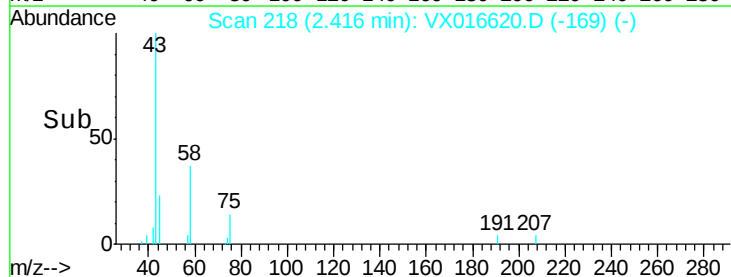
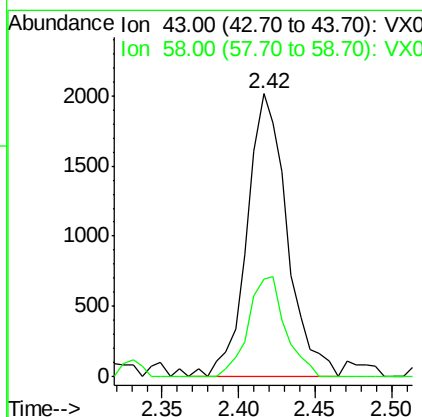
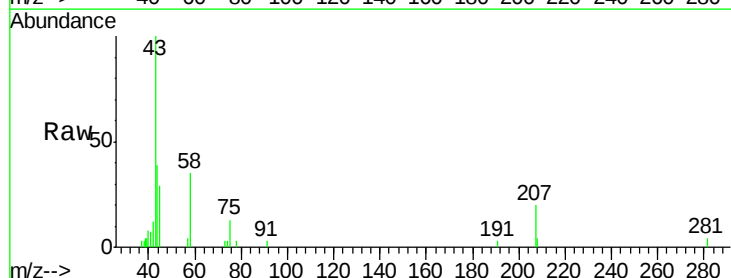
RT: 2.42 min Scan# 218

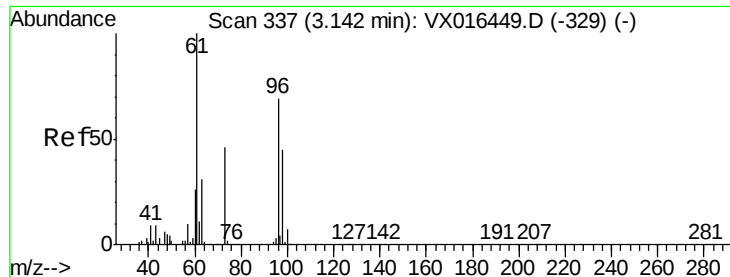
Delta R.T. -0.00 min

Lab File: VX016620.D

Acq: 05 Jun 2020 18:33

Tgt Ion:	43	Resp:	3674
Ion	Ratio	Lower	Upper
43	100		
58	34.6	26.1	39.1





#21

trans-1,2-Dichloroethene

Concen: 1.865 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016620.D

Acq: 05 Jun 2020 18:33

Instrument :

MSVOA_X

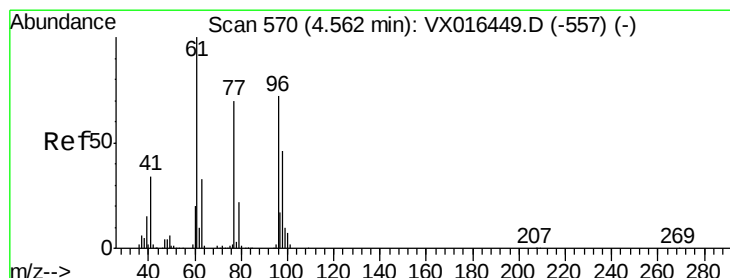
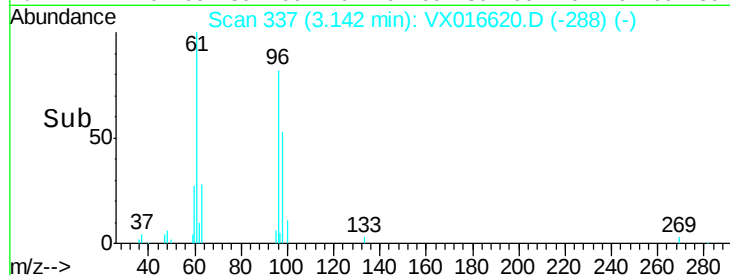
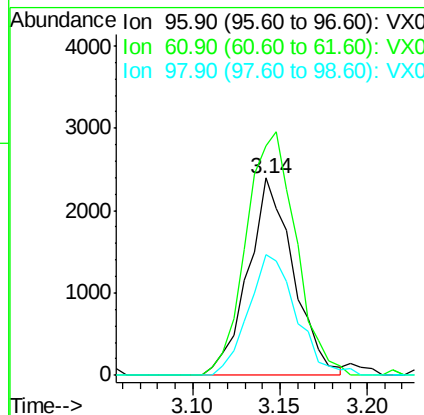
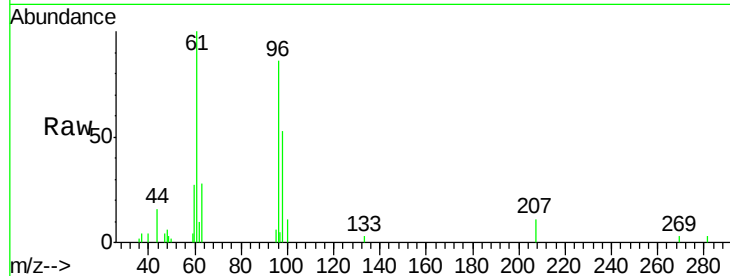
ClientSampleId :

LF012MW144-200602

Tot Ion:	96	Resp:	4327
Ion	Ratio	Lower	Upper
96	100		
61	116.1	115.3	172.9
98	61.5	51.9	77.9

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#27

cis-1,2-Dichloroethene

Concen: 1071.487 ug/l

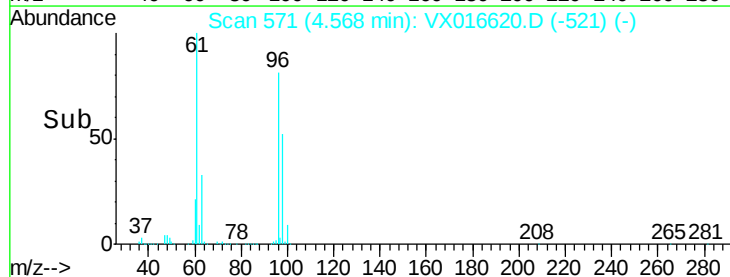
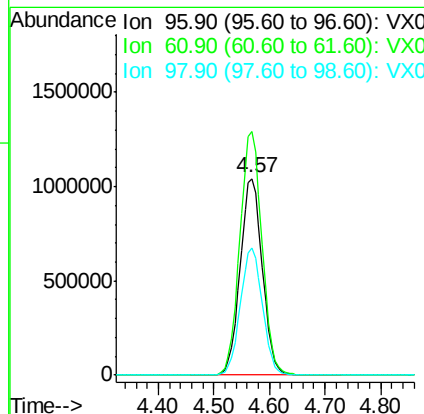
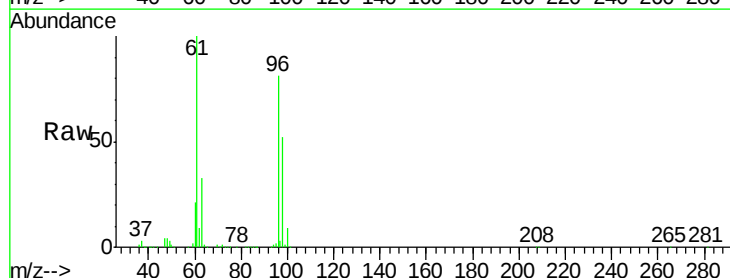
RT: 4.57 min Scan# 571

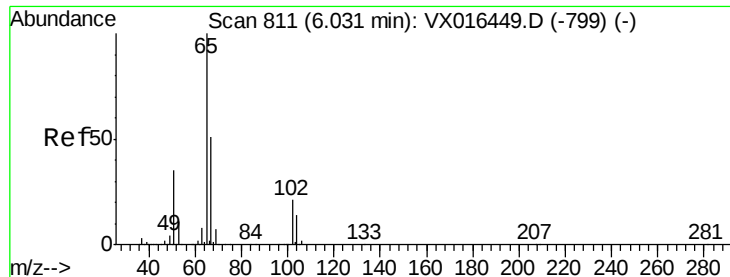
Delta R.T. 0.01 min

Lab File: VX016620.D

Acq: 05 Jun 2020 18:33

Tgt Ion:	96	Resp:	2876389
Ion	Ratio	Lower	Upper
96	100		
61	123.6	0.0	284.6
98	64.6	0.0	127.2





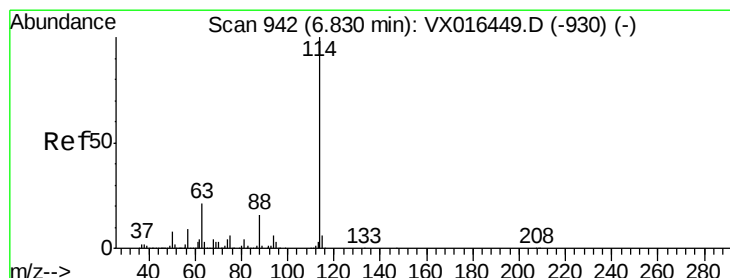
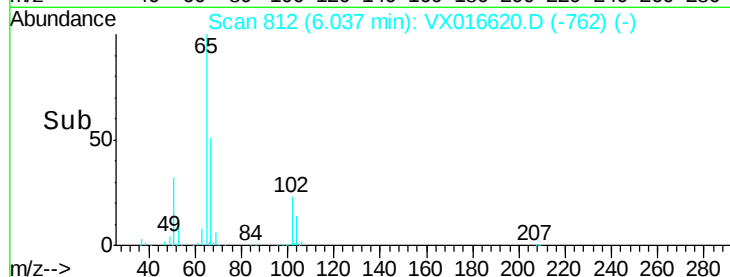
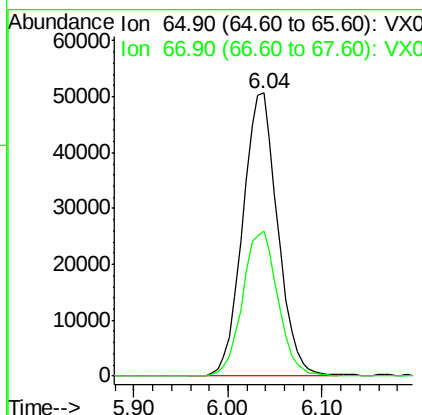
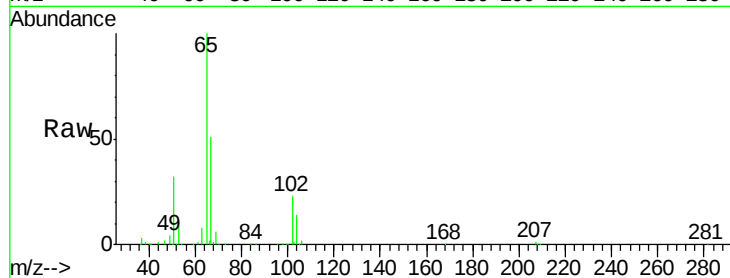
#33
 1,2-Dichloroethane-d4
 Concen: 48.708 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX016620.D
 Acq: 05 Jun 2020 18:33

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012MW144-200602

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.7	0.0	104.8	

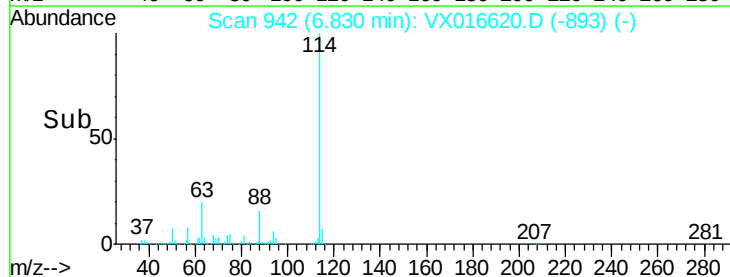
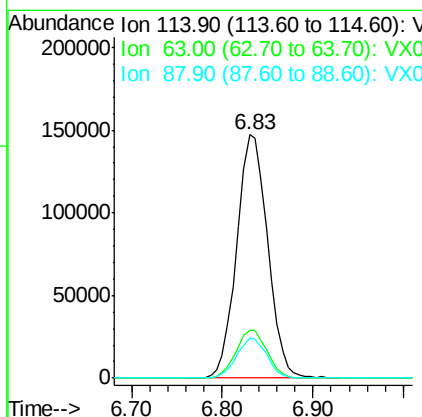
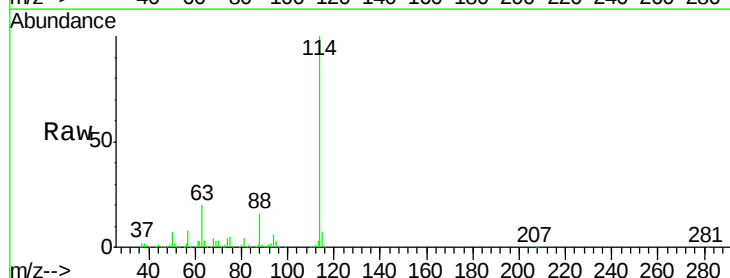
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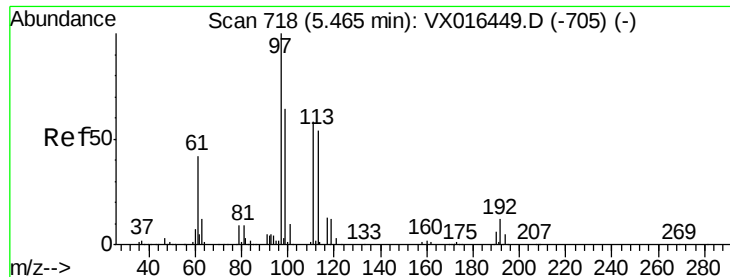
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016620.D
 Acq: 05 Jun 2020 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.8	0.0	42.6	
88	16.5	0.0	32.8	





#35

Dibromofluoromethane

Concen: 49.970 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016620.D

Acq: 05 Jun 2020 18:33

Instrument :

MSVOA_X

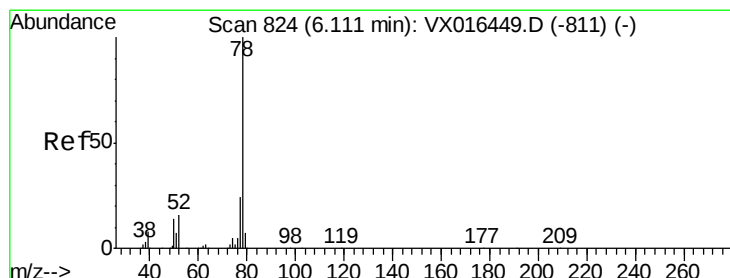
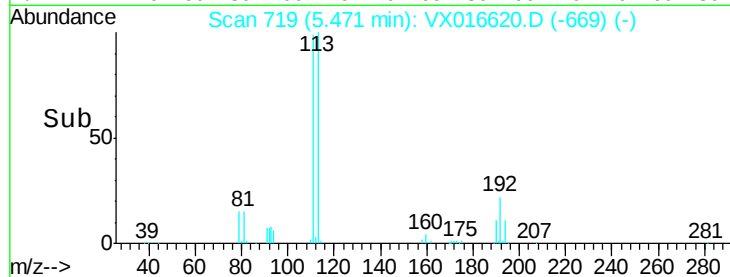
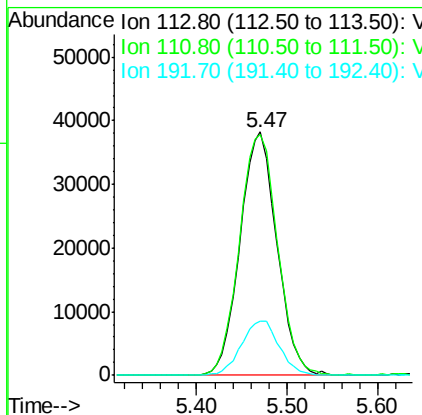
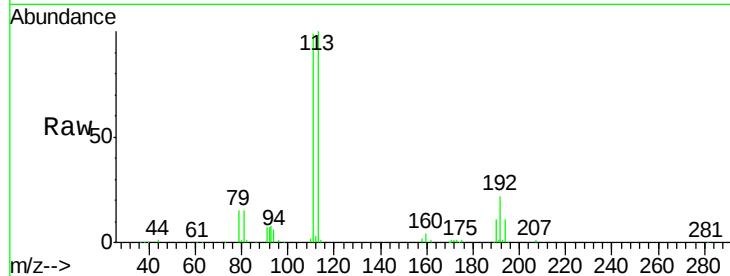
ClientSampleId :

LF012MW144-200602

Tot Ion:	113	Resp:	107502
Ion Ratio	Lower	Upper	
113	100		
111	102.8	83.0	124.6
192	23.0	17.7	26.5

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#40

Benzene

Concen: 0.651 ug/l

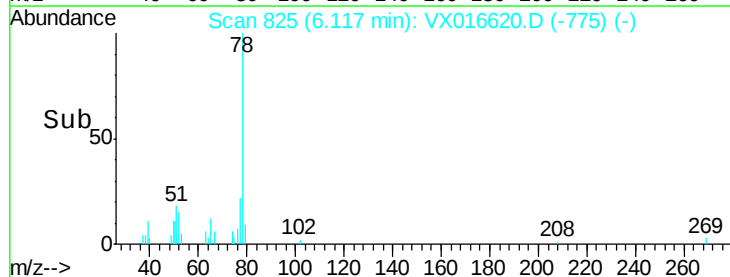
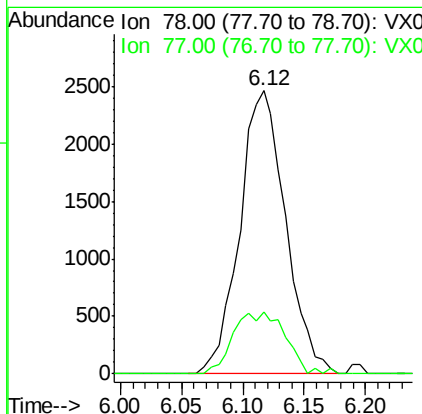
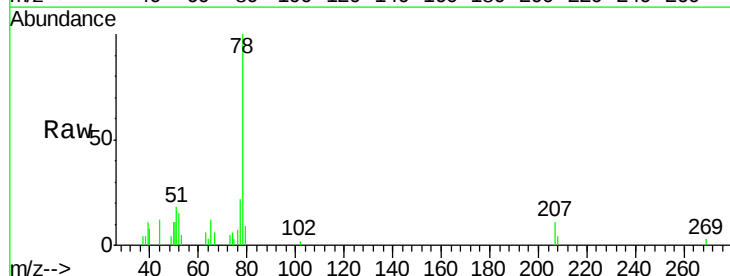
RT: 6.12 min Scan# 825

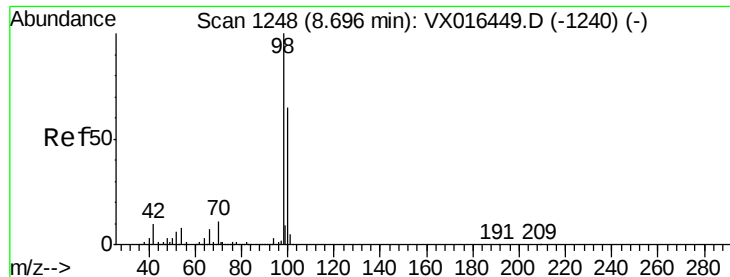
Delta R.T. 0.01 min

Lab File: VX016620.D

Acq: 05 Jun 2020 18:33

Tgt Ion:	78	Resp:	6415
Ion Ratio	Lower	Upper	
78	100		
77	21.7	18.9	28.3





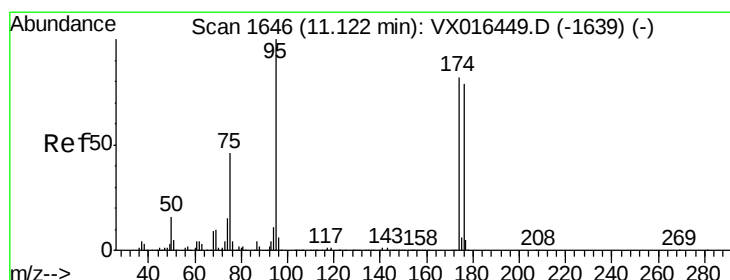
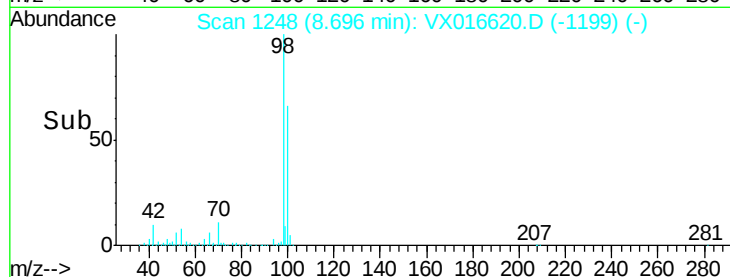
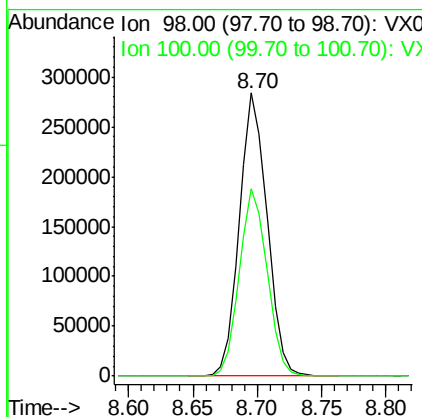
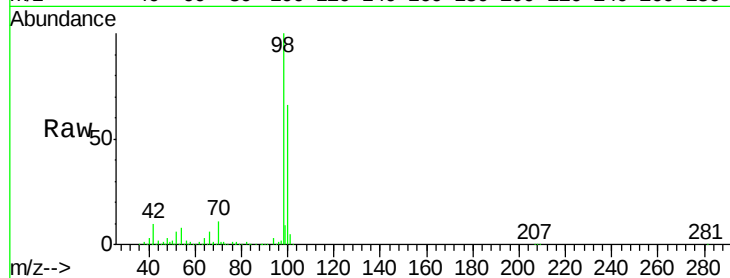
#50
Toluene-d8
Concen: 50.705 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016620.D
Acq: 05 Jun 2020 18:33

Instrument :
MSVOA_X
ClientSampleId :
LF012MW144-200602

Tot Ion	Ion	Ratio	Lower	Upper
98	100			
100	66.4	53.8	80.6	

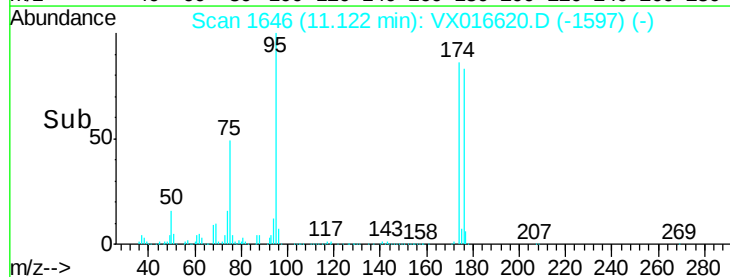
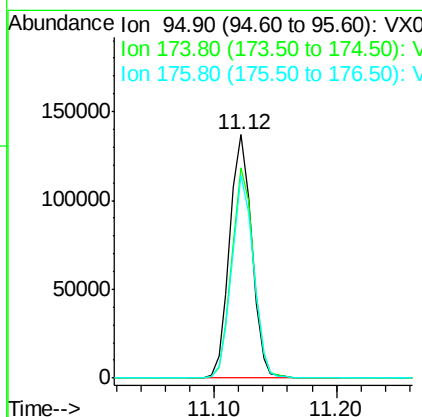
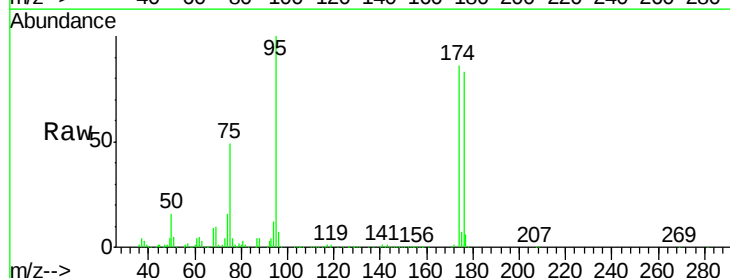
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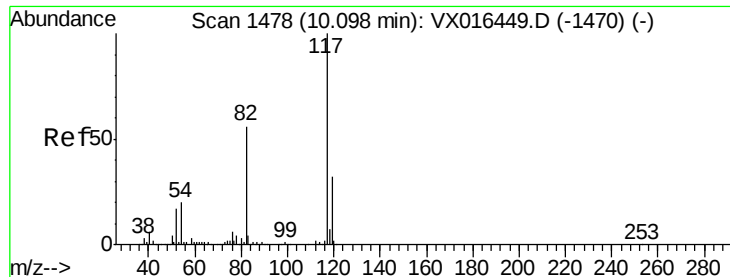
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#62
4-Bromofluorobenzene
Concen: 52.878 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016620.D
Acq: 05 Jun 2020 18:33

Tgt Ion	Ion	Ratio	Lower	Upper
95	100			
174	85.4	0.0	163.0	
176	81.6	0.0	156.8	





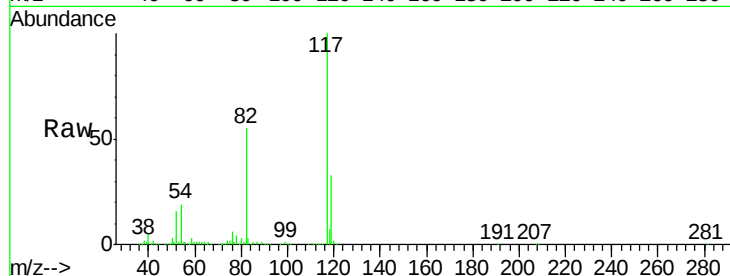
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016620.D
Acq: 05 Jun 2020 18:33

Instrument :
MSVOA_X
ClientSampleId :
LF012MW144-200602

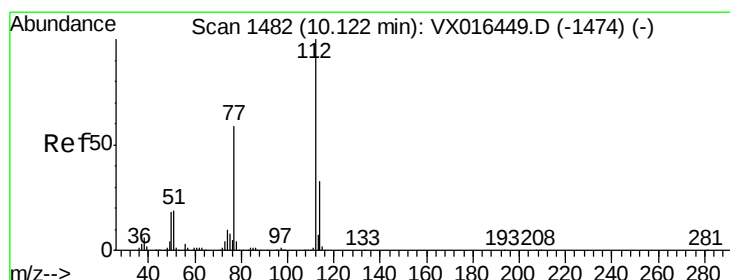
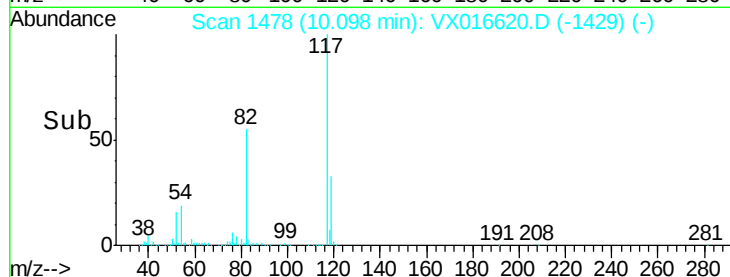
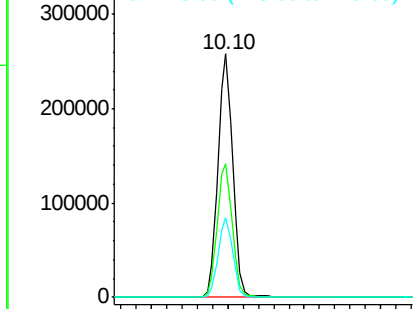
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.8	45.0	67.6
119	32.8	25.8	38.8

Manual Integrations
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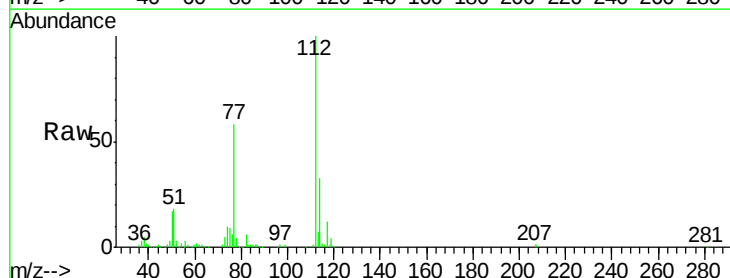


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

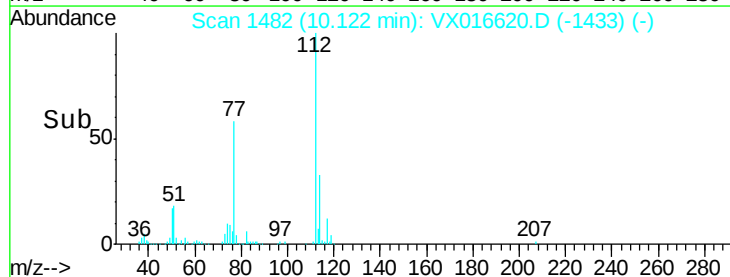
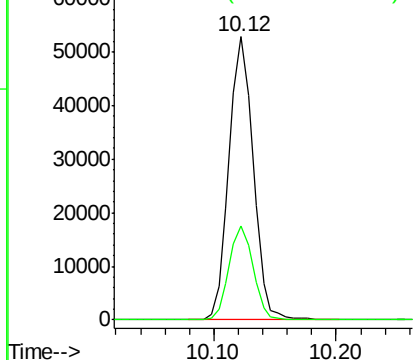


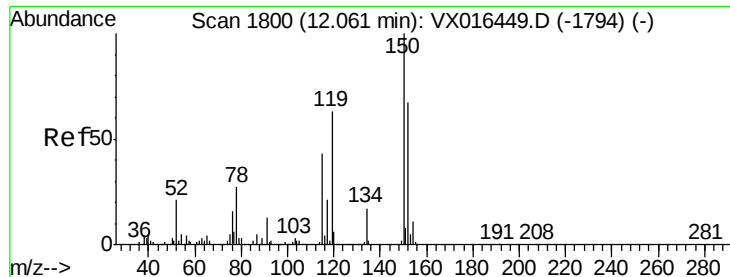
#65
Chlorobenzene
Concen: 10.292 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016620.D
Acq: 05 Jun 2020 18:33

Tgt Ion	Ratio	Lower	Upper
112	100		
114	33.0	26.0	39.0



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: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016620.D

Acq: 05 Jun 2020 18:33

Instrument :

MSVOA_X

ClientSampleId :

LF012MW144-200602

Tot Ion:152 Resp: 178788

Ion Ratio Lower Upper

152 100

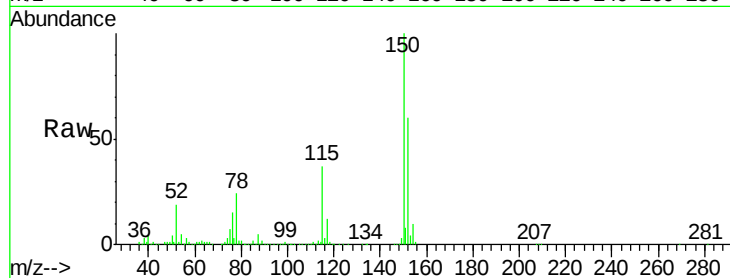
115 58.8 39.9 119.6

150 160.1 0.0 341.0

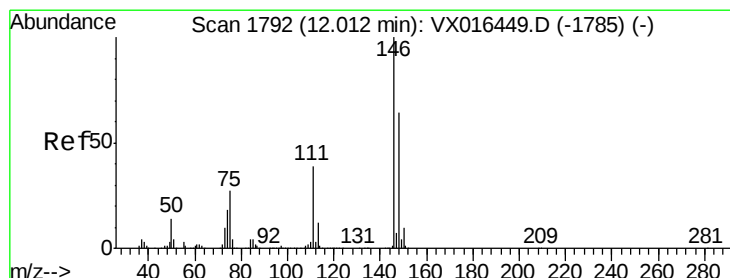
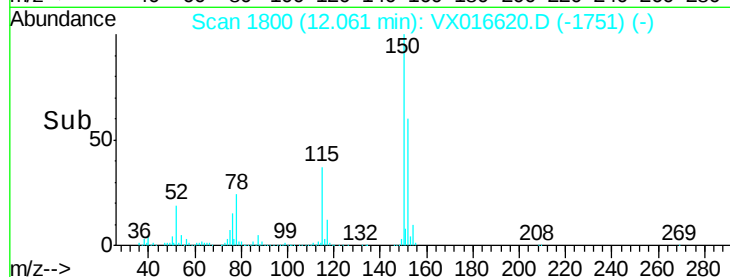
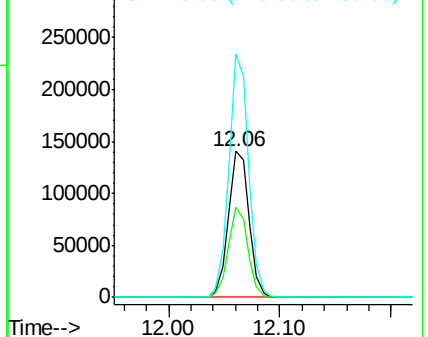
Manual Integrations
APPROVED

MMDadoda

6/8/2020 4:55:43 PM



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



#87

1,3-Dichlorobenzene

Concen: 0.211 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016620.D

Acq: 05 Jun 2020 18:33

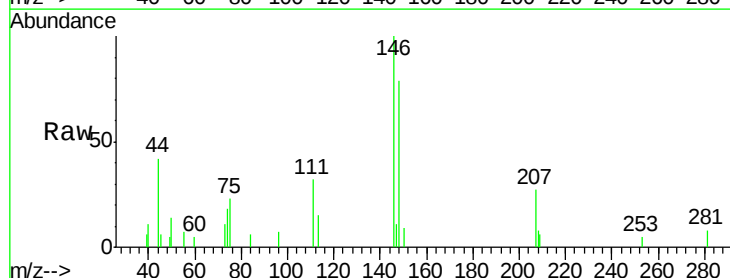
Tgt Ion:146 Resp: 1185

Ion Ratio Lower Upper

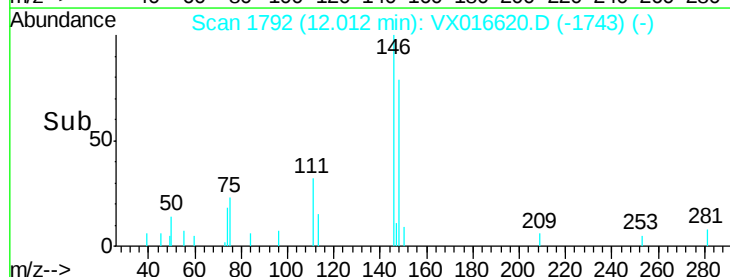
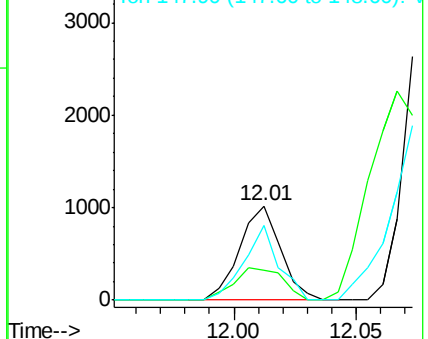
146 100

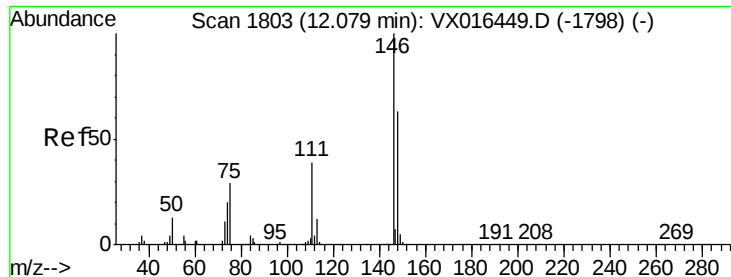
111 41.0 20.0 60.0

148 67.3 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





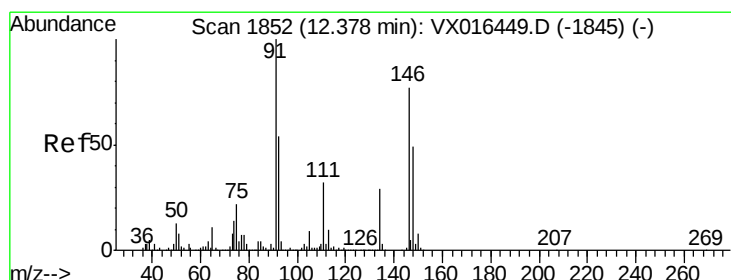
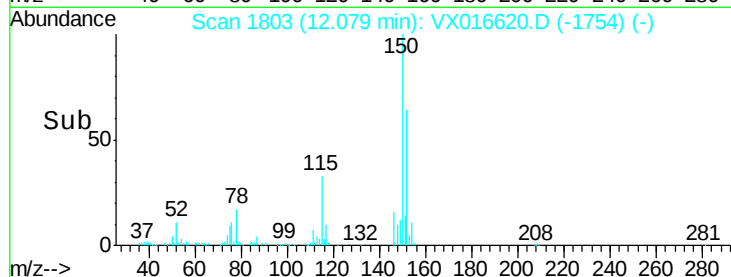
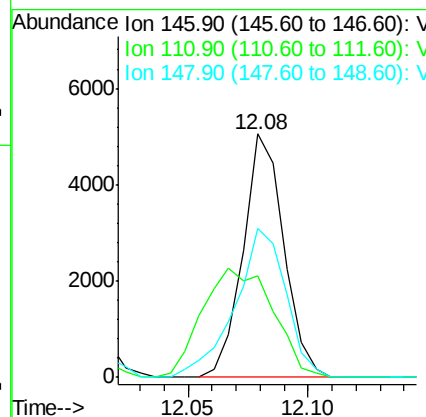
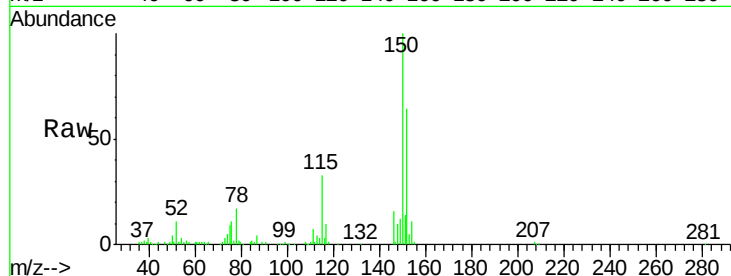
#88
 1,4-Dichlorobenzene
 Concen: 1.037 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016620.D
 Acq: 05 Jun 2020 18:33

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012MW144-200602

Tot Ion	Ratio	Lower	Upper
146	100		
111	8.1	19.4	58.2#
148	13.4	31.4	94.3#

Manual Integrations
 APPROVED

MMDadoda
 6/8/2020 4:55:43 PM



#91
 1,2-Dichlorobenzene
 Concen: 3.479 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016620.D
 Acq: 05 Jun 2020 18:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.4	64.3
148	65.6	31.9	95.7

