

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060420\
 Data File : VX016584.D
 Acq On : 04 Jun 2020 16:22
 Operator : JC/SP
 Sample : L2894-11 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012MW033-200601

Manual Integrations
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MMDadoda
 6/5/2020 10:12:12 AM

Quant Time: Jun 05 07:26:09 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	229895	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	366838	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	368806	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	201952	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	136263	47.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.46%	
35) Dibromofluoromethane	5.46	113	112422	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.54%	
50) Toluene-d8	8.70	98	449967	51.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.36%	
62) 4-Bromofluorobenzene	11.12	95	193132	56.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.70%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.39	62	490714	169.719	ug/l	99
12) 1,1-Dichloroethene	2.34	96	1748	0.790	ug/l	87
20) Methylene Chloride	2.82	84	2839	1.097	ug/l #	85
21) trans-1,2-Dichloroethene	3.14	96	1470	0.601	ug/l #	76
27) cis-1,2-Dichloroethene	4.56	96	859252	303.553	ug/l	89
65) Chlorobenzene	10.12	112	23924	3.182	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	2476m	0.381	ug/l	
91) 1,2-Dichlorobenzene	12.38	146	7217	1.172	ug/l	96

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

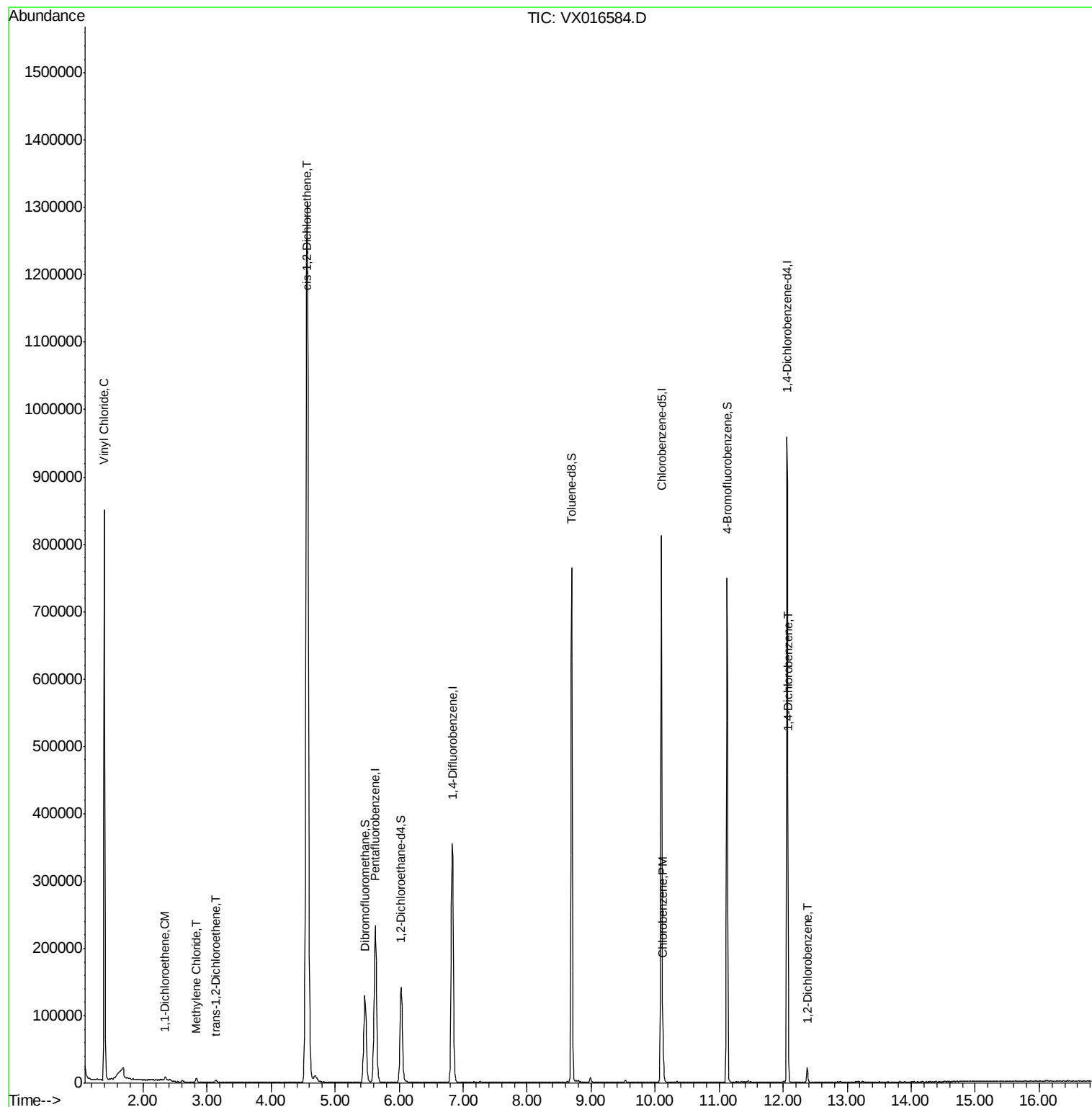
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX060420\
Data File : VX016584.D
Acq On : 04 Jun 2020 16:22
Operator : JC/SP
Sample : L2894-11 10X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

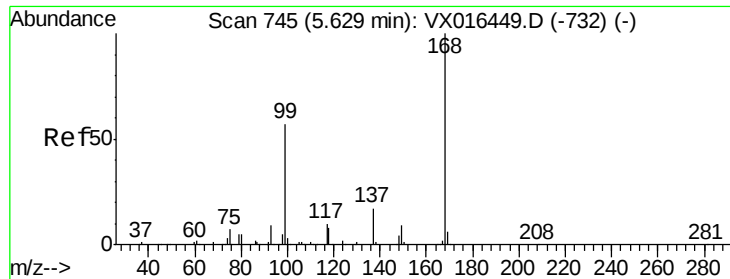
Instrument :
MSVOA_X
ClientSampleId :
LF012MW033-200601

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6/5/2020 10:12:12 AM

Quant Time: Jun 05 07:26:09 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: VX016584.D

Acq: 04 Jun 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

LF012MW033-200601

Tot Ion:168 Resp: 229895

Ion Ratio Lower Upper

168 100

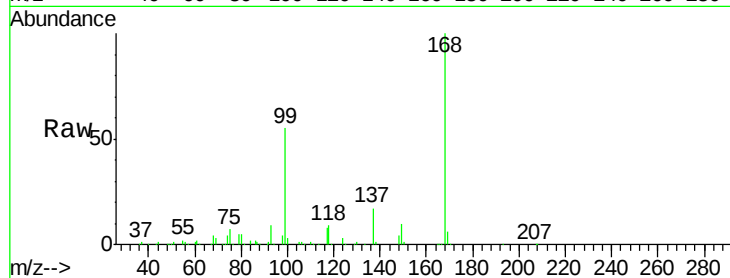
99 55.3 45.2 67.8

Manual Integrations

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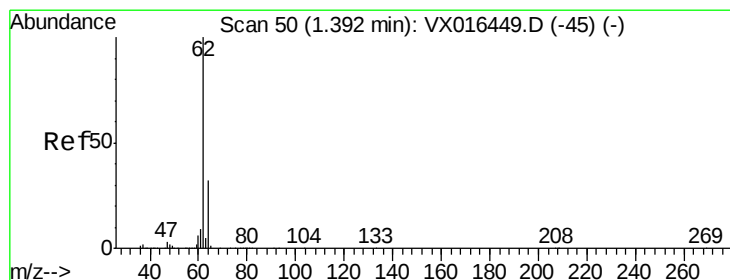
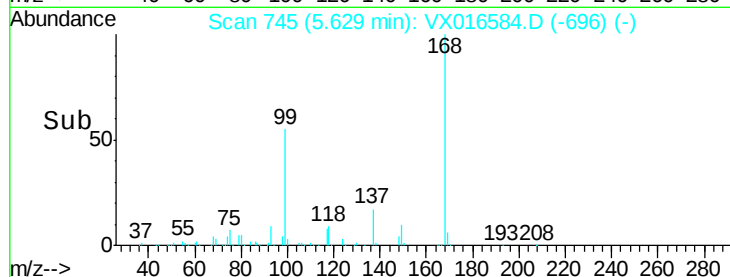
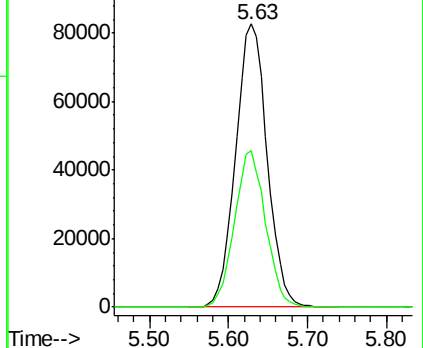
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 169.719 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016584.D

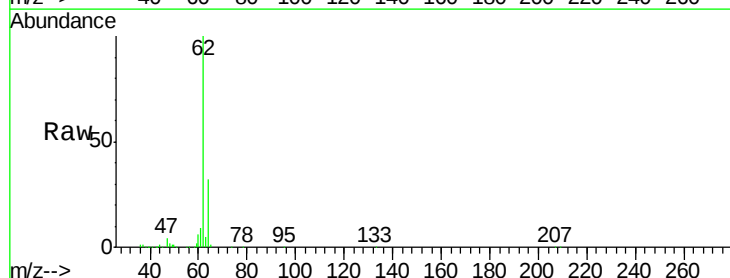
Acq: 04 Jun 2020 16:22

Tgt Ion: 62 Resp: 490714

Ion Ratio Lower Upper

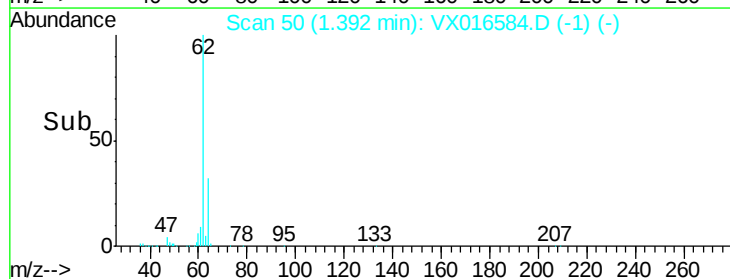
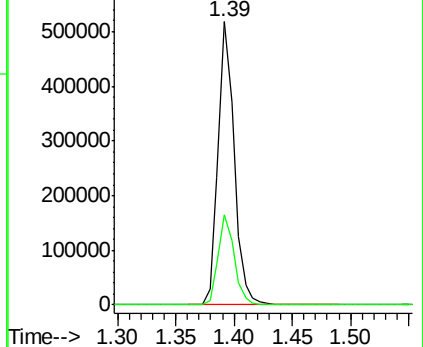
62 100

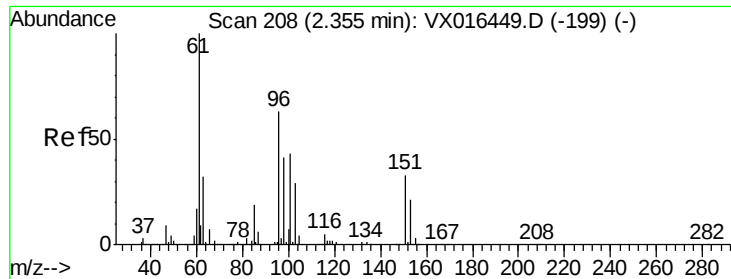
64 31.8 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





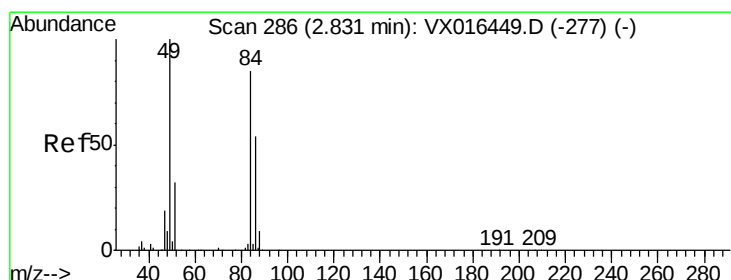
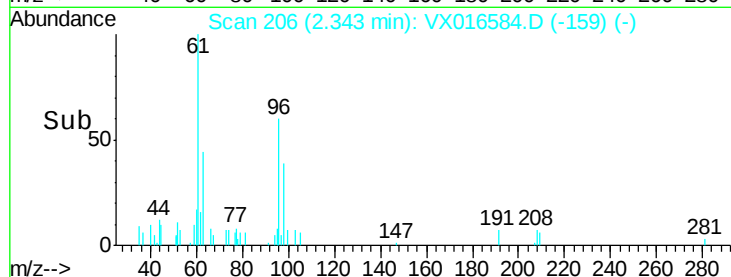
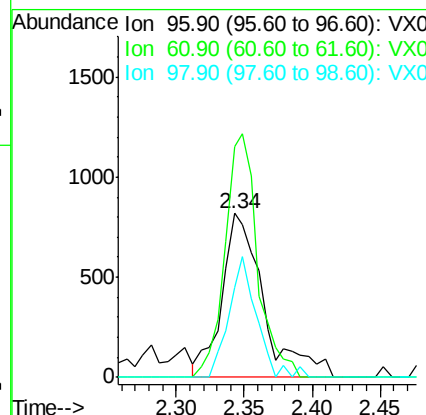
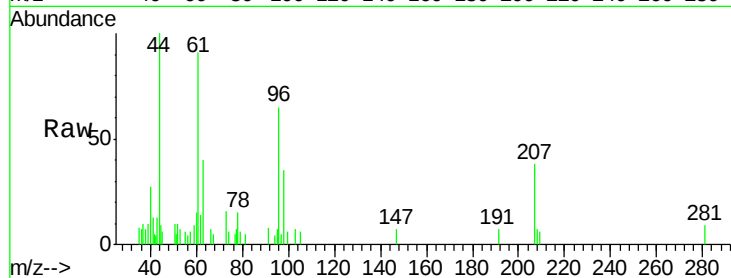
#12
1,1-Dichloroethene
Concen: 0.790 ug/l
RT: 2.34 min Scan# 206
Delta R.T. -0.01 min
Lab File: VX016584.D
Acq: 04 Jun 2020 16:22

Instrument :
MSVOA_X
ClientSampleId :
LF012MW033-200601

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.0	126.6	189.8
98	54.8	51.3	76.9

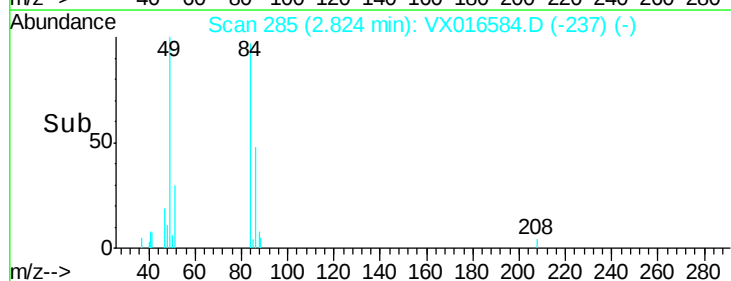
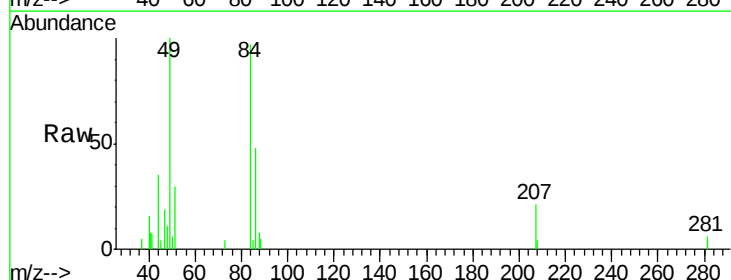
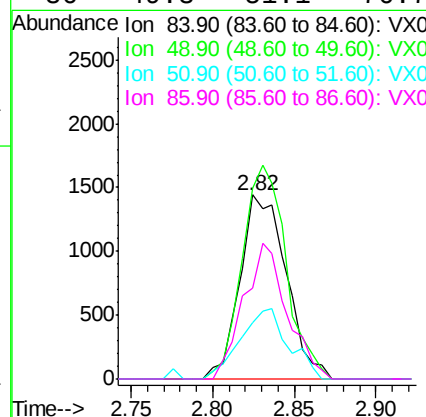
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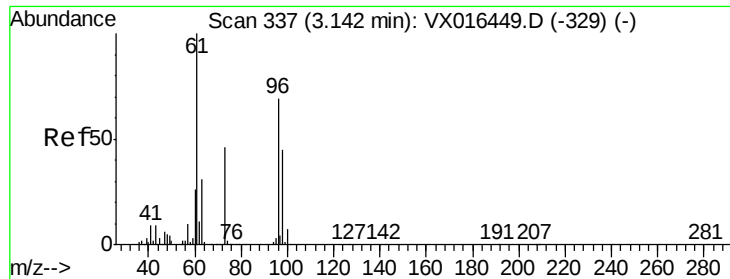
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#20
Methylene Chloride
Concen: 1.097 ug/l
RT: 2.82 min Scan# 285
Delta R.T. -0.01 min
Lab File: VX016584.D
Acq: 04 Jun 2020 16:22

Tgt Ion	Ratio	Lower	Upper
84	100		
49	103.5	94.5	141.7
51	30.8	30.2	45.4
86	49.3	51.1	76.7#





#21

trans-1,2-Dichloroethene

Concen: 0.601 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016584.D

Acq: 04 Jun 2020 16:22

Instrument :

MSVOA_X

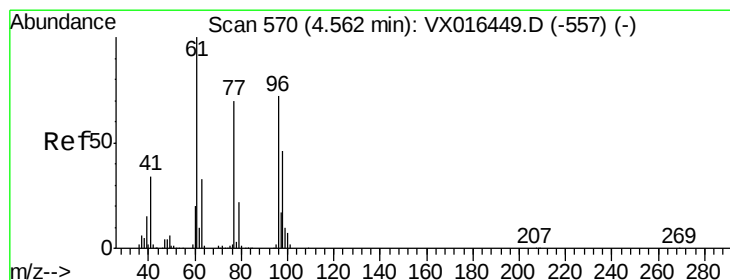
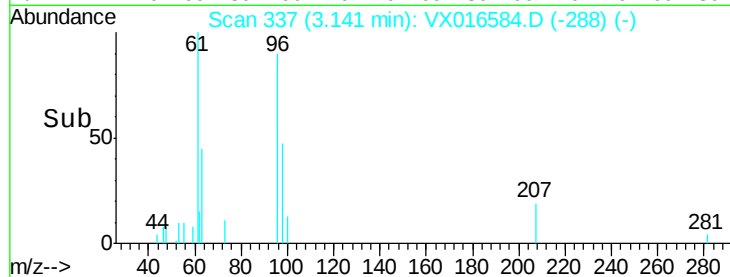
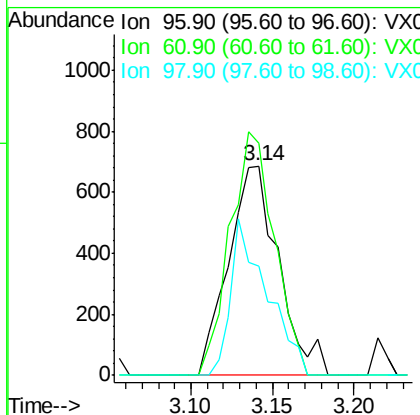
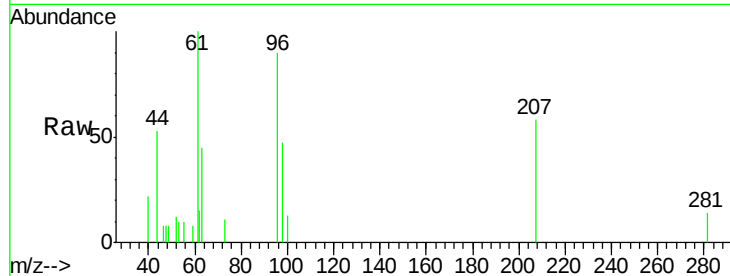
ClientSampleId :

LF012MW033-200601

Tot Ion:	96	Resp:	1470
Ion	Ratio	Lower	Upper
96	100		
61	110.8	115.3	172.9#
98	52.2	51.9	77.9

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#27

cis-1,2-Dichloroethene

Concen: 303.553 ug/l

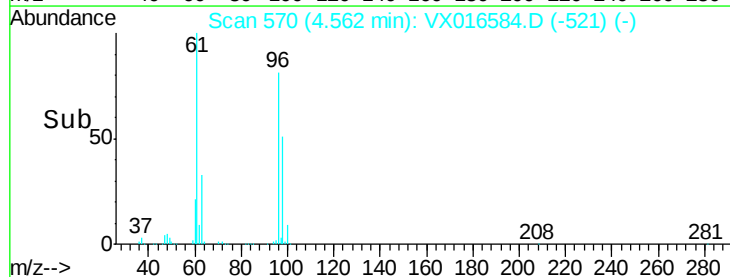
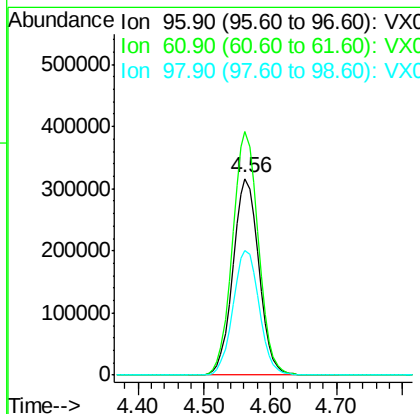
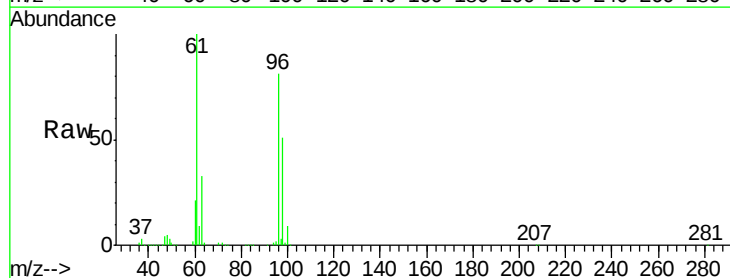
RT: 4.56 min Scan# 570

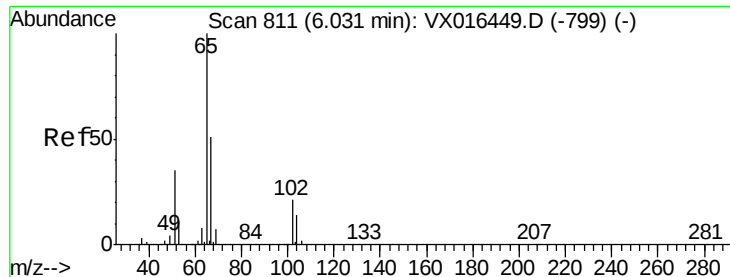
Delta R.T. -0.00 min

Lab File: VX016584.D

Acq: 04 Jun 2020 16:22

Tgt Ion:	96	Resp:	859252
Ion	Ratio	Lower	Upper
96	100		
61	123.8	0.0	284.6
98	64.4	0.0	127.2





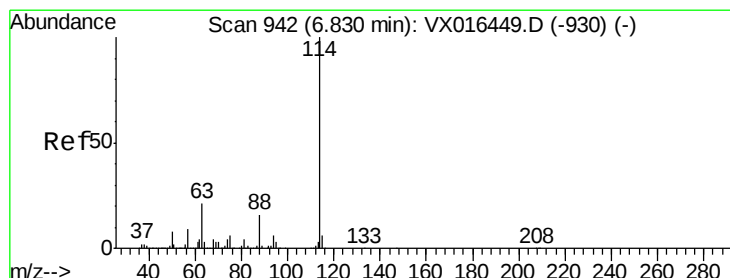
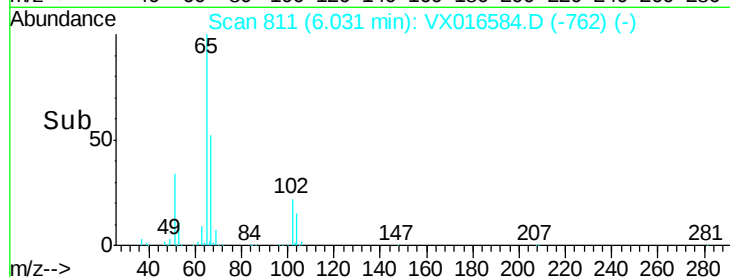
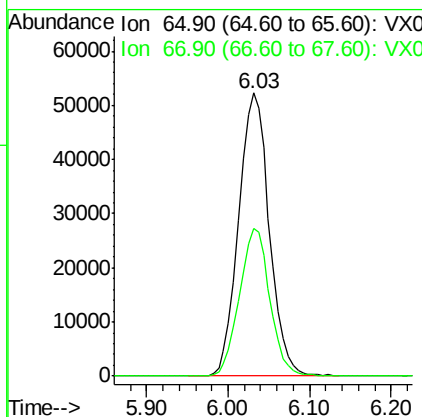
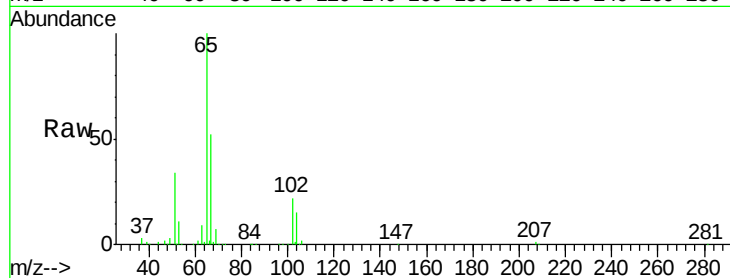
#33
 1,2-Dichloroethane-d4
 Concen: 47.728 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016584.D
 Acq: 04 Jun 2020 16:22

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012MW033-200601

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	104.8

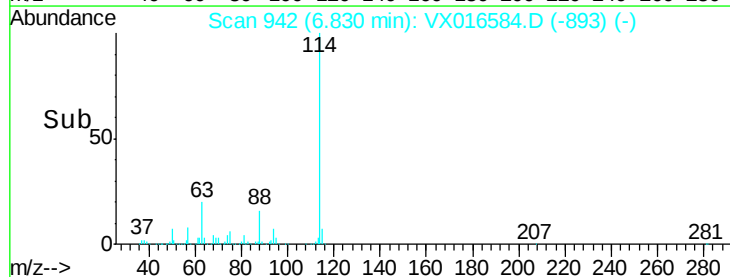
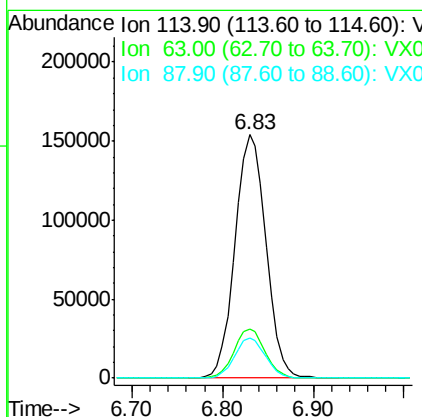
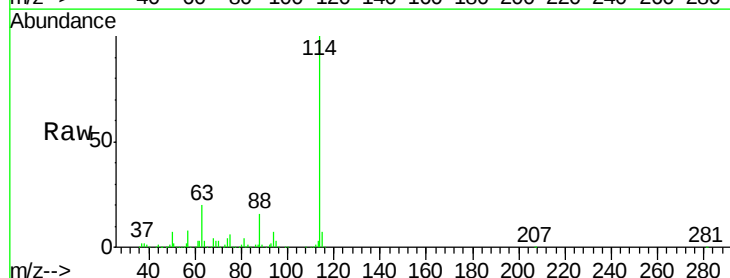
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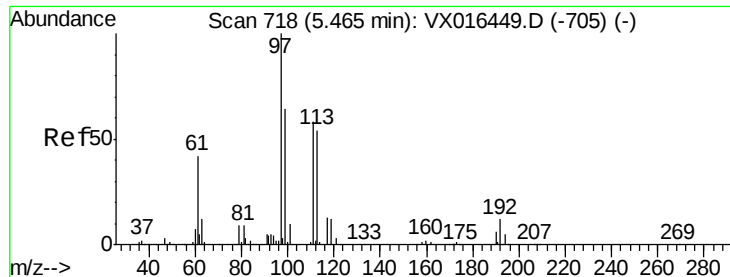
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016584.D
 Acq: 04 Jun 2020 16:22

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	42.6
88	16.4	0.0	32.8





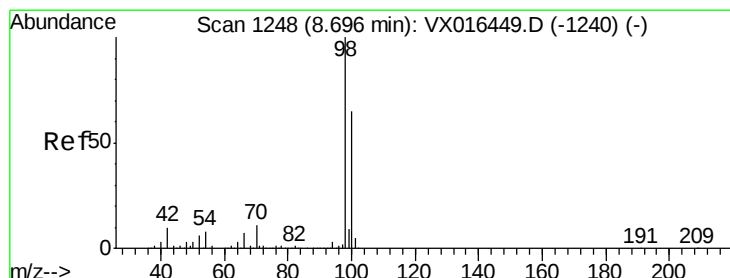
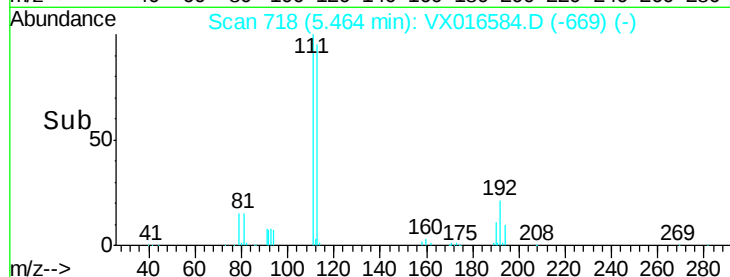
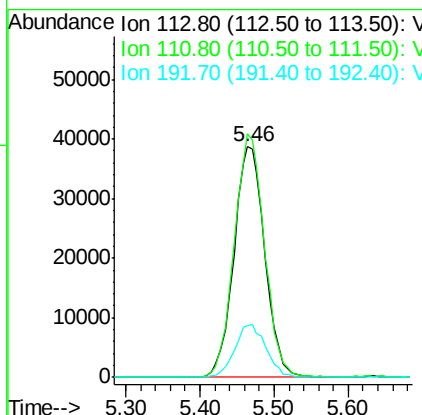
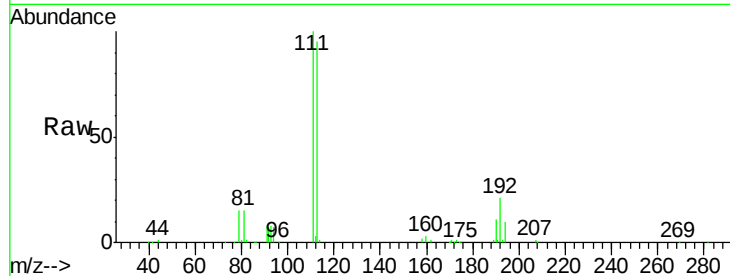
#35
Dibromofluoromethane
Concen: 49.771 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016584.D
Acq: 04 Jun 2020 16:22

Instrument :
MSVOA_X
ClientSampleId :
LF012MW033-200601

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.0	124.6
192	23.2	17.7	26.5

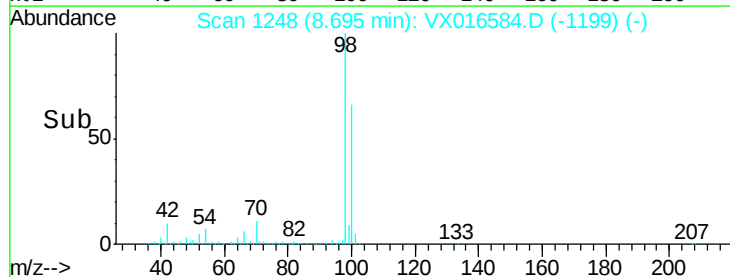
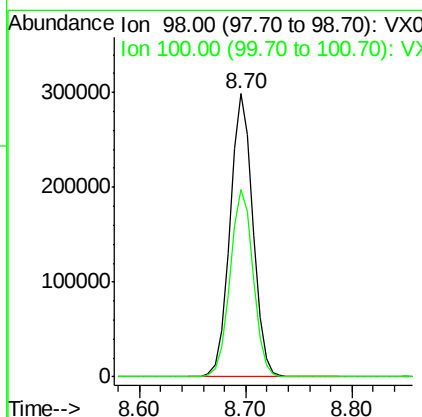
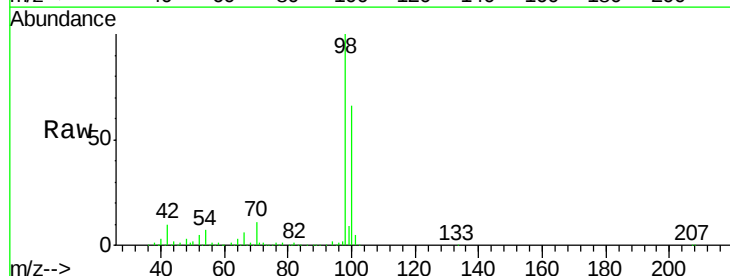
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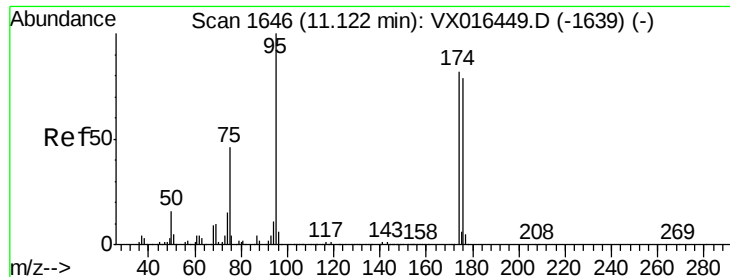
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6/5/2020 10:12:12 AM



#50
Toluene-d8
Concen: 51.181 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016584.D
Acq: 04 Jun 2020 16:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.8	80.6





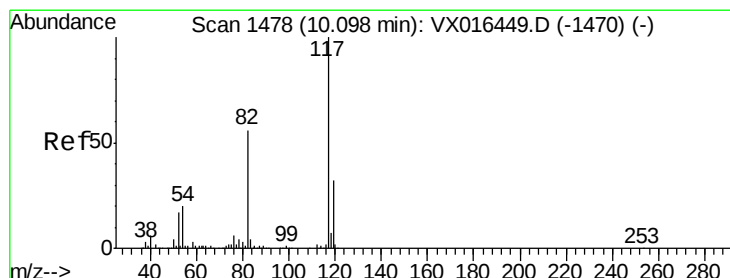
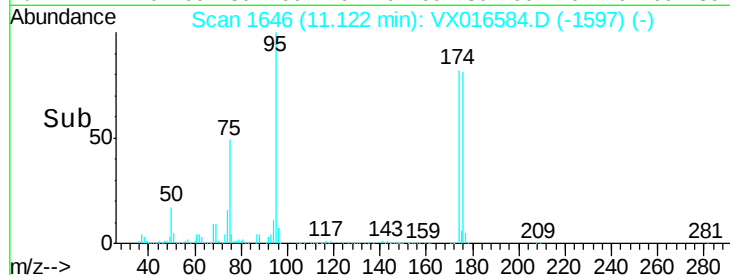
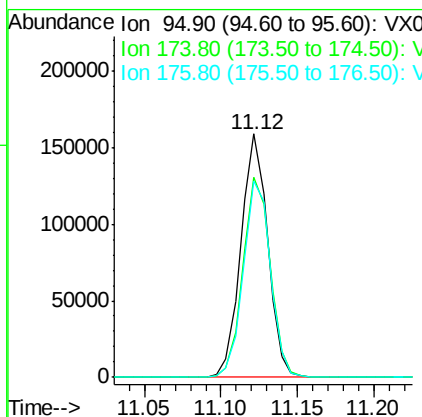
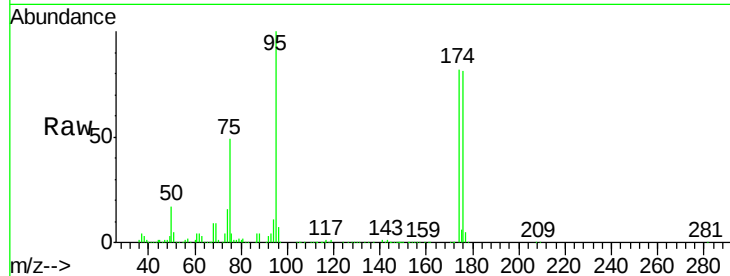
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4-Bromofluorobenzene
Concen: 56.852 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016584.D
Acq: 04 Jun 2020 16:22

Instrument :
MSVOA_X
ClientSampleId :
LF012MW033-200601

Tot Ion	Ratio	Resp	Lower	Upper
95	100	193132		
174	83.9	0.0	163.0	
176	81.8	0.0	156.8	

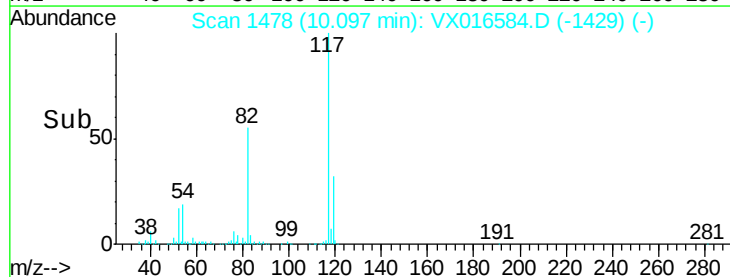
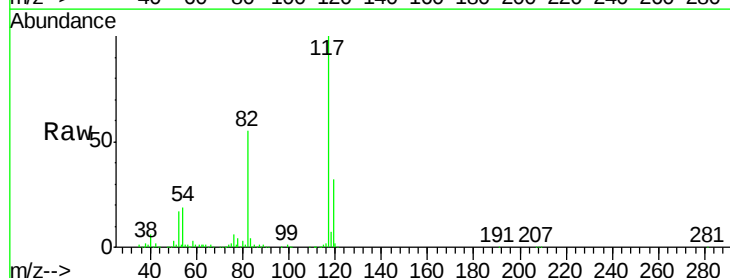
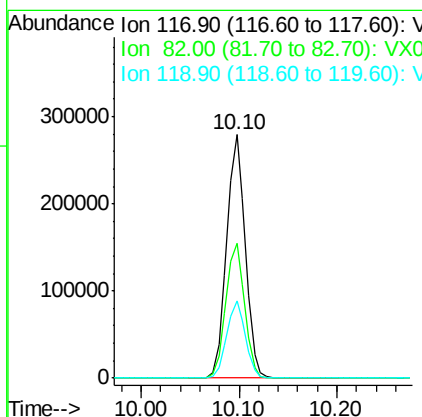
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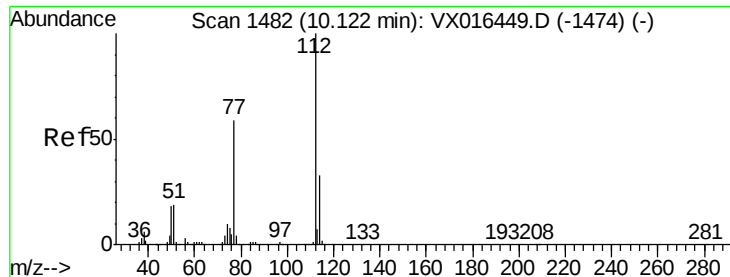
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6/5/2020 10:12:12 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016584.D
Acq: 04 Jun 2020 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	368806		
82	55.5	45.0	67.6	
119	31.8	25.8	38.8	





#65

Chlorobenzene

Concen: 3.182 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016584.D

Acq: 04 Jun 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

LF012MW033-200601

Tot Ion:112 Resp: 23924

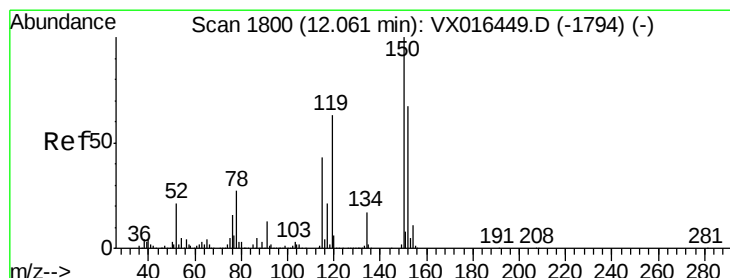
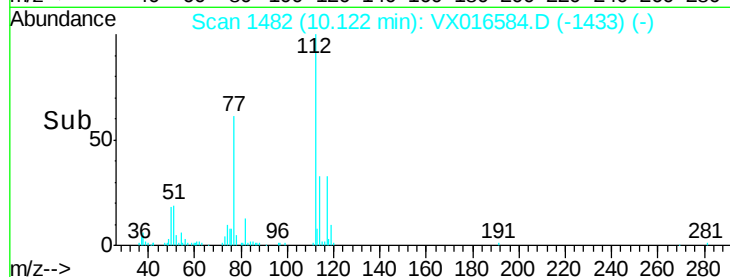
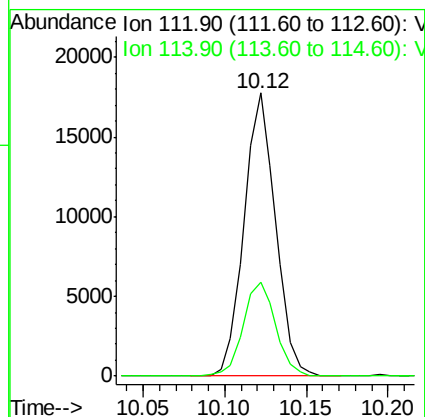
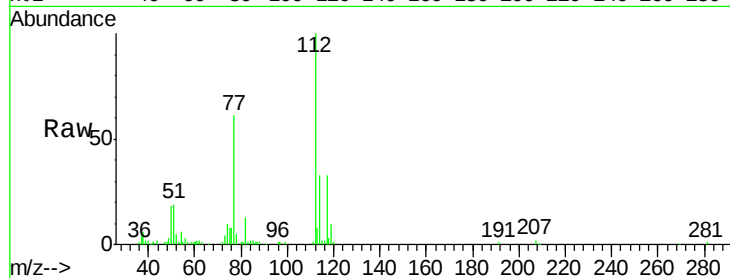
Ion Ratio Lower Upper

112 100

114 33.2 26.0 39.0

Manual Integrations
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6/5/2020 10:12:12 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016584.D

Acq: 04 Jun 2020 16:22

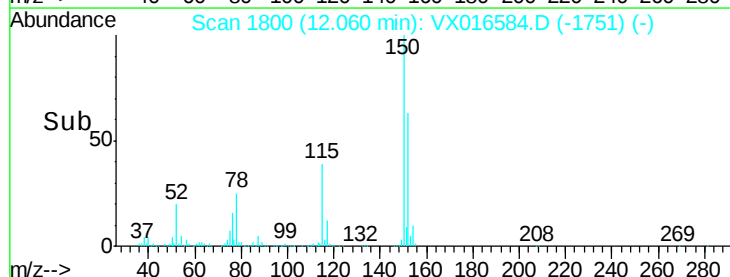
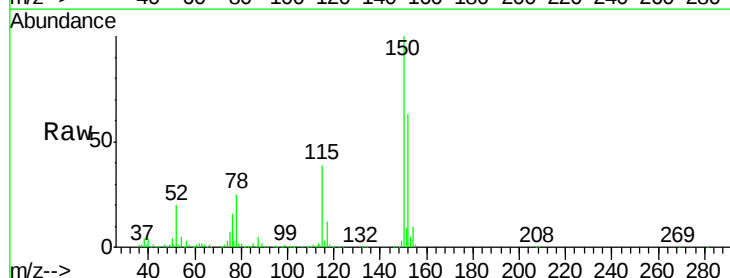
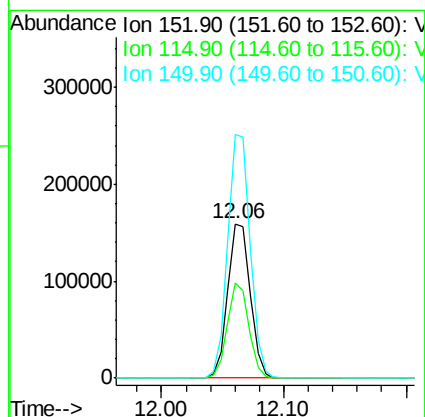
Tgt Ion:152 Resp: 201952

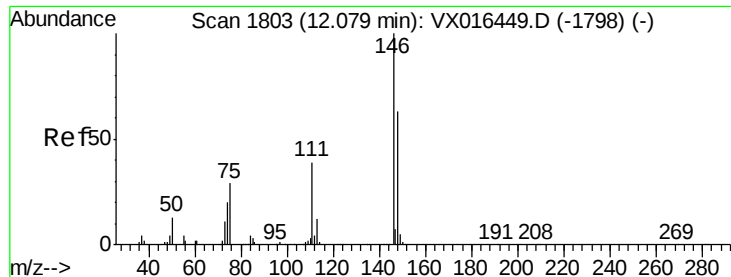
Ion Ratio Lower Upper

152 100

115 59.1 39.9 119.6

150 157.5 0.0 341.0





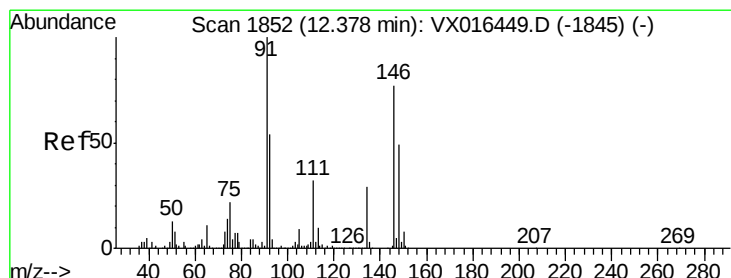
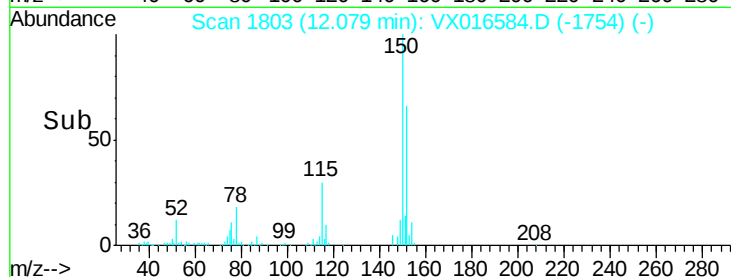
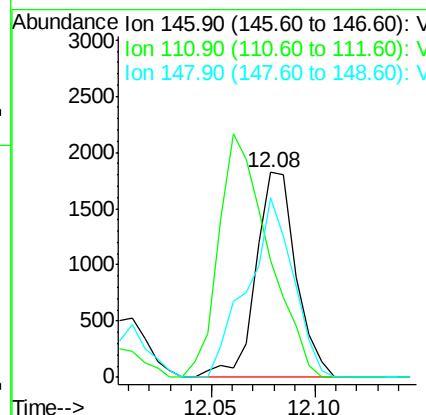
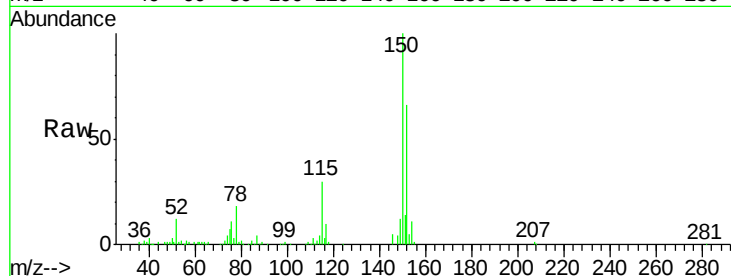
#88
 1,4-Dichlorobenzene
 Concen: 0.381 ug/l m
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016584.D
 Acq: 04 Jun 2020 16:22

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012MW033-200601

Tot Ion	Ratio	Lower	Upper
146	100		
111	12.6	19.4	58.2#
148	20.9	31.4	94.3#

Manual Integrations
 APPROVED

MMDadoda
 6/5/2020 10:12:12 AM



#91
 1,2-Dichlorobenzene
 Concen: 1.172 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016584.D
 Acq: 04 Jun 2020 16:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	21.4	64.3
148	67.6	31.9	95.7

