

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061020\
 Data File : VX016684.D
 Acq On : 10 Jun 2020 18:48
 Operator : JC/SP
 Sample : L2963-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012MW031-200608

Manual Integrations
 APPROVED

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 6/11/2020 12:46:19 PM

Quant Time: Jun 11 09:26:28 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	218491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	345761	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	357208	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	183387	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	129085	47.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.14%	
35) Dibromofluoromethane	5.46	113	107617	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.10%	
50) Toluene-d8	8.70	98	426646	51.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.98%	
62) 4-Bromofluorobenzene	11.12	95	174513	54.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.00%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.39	62	58607	21.328	ug/l	99
12) 1,1-Dichloroethene	2.36	96	1662	0.791	ug/l #	73
16) Acetone	2.42	43	2749	2.312	ug/l	91
21) trans-1,2-Dichloroethene	3.14	96	2909	1.251	ug/l #	71
27) cis-1,2-Dichloroethene	4.57	96	1312908	488.028	ug/l	88
40) Benzene	6.11	78	3571	0.366	ug/l #	87
65) Chlorobenzene	10.12	112	34589	4.750	ug/l	96
88) 1,4-Dichlorobenzene	12.09	146	2880m	0.488	ug/l	
91) 1,2-Dichlorobenzene	12.38	146	8395	1.501	ug/l	97

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

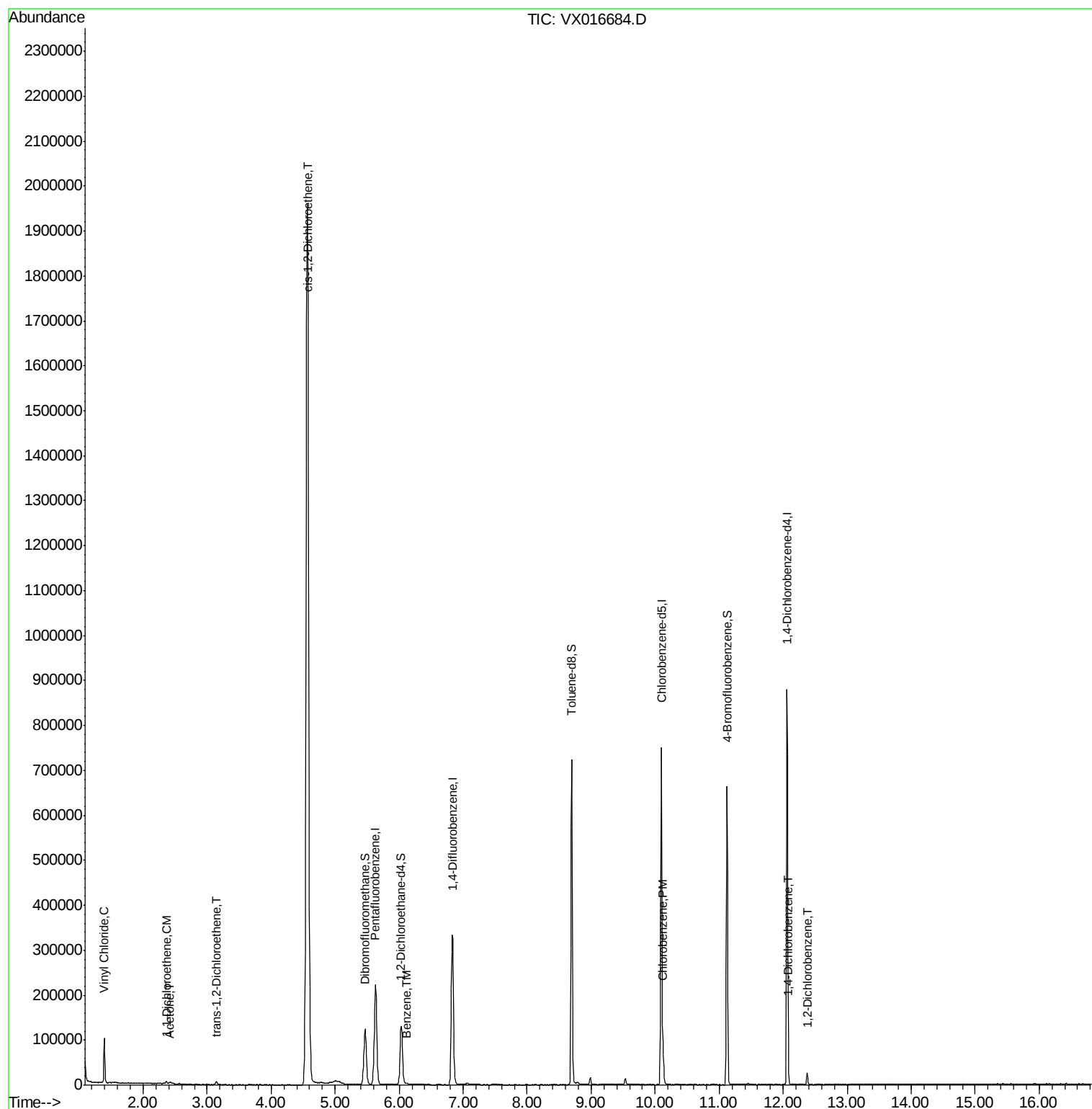
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061020\
Data File : VX016684.D
Acq On : 10 Jun 2020 18:48
Operator : JC/SP
Sample : L2963-13
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

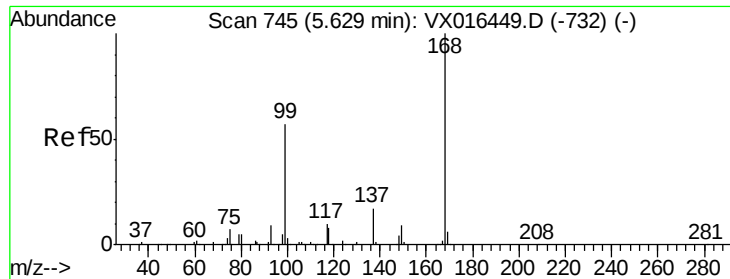
Instrument :
MSVOA_X
ClientSampleId :
LF012MW031-200608

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Quant Time: Jun 11 09:26:28 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

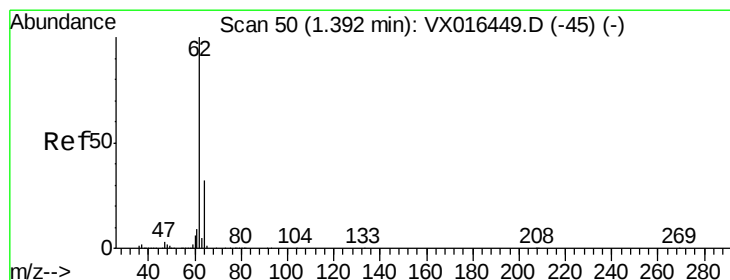
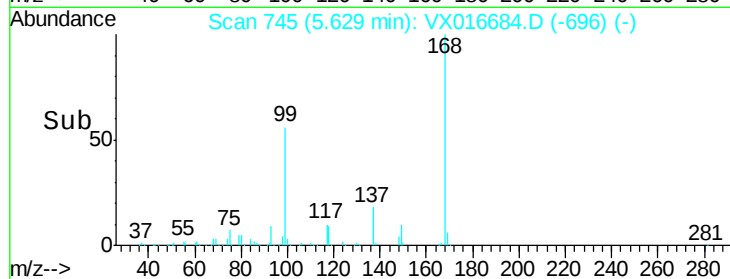
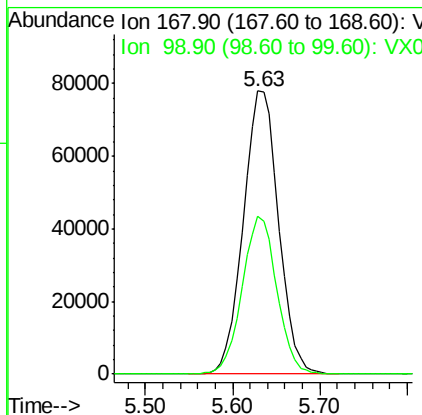
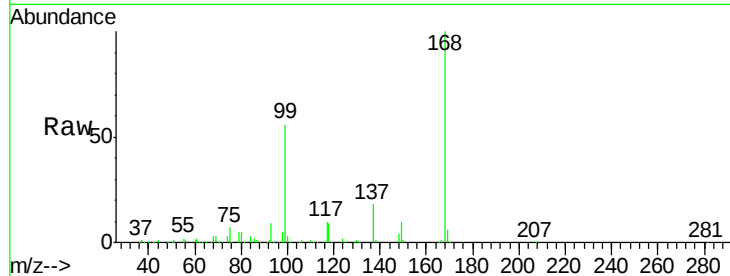
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: VX016684.D
 Acq: 10 Jun 2020 18:48

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012MW031-200608

Tot Ion	Ratio	Lower	Upper
168	100		
99	55.8	45.2	67.8

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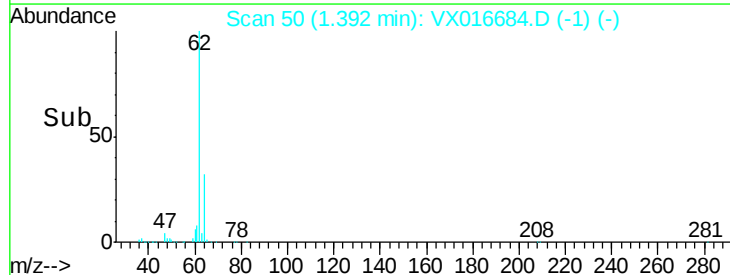
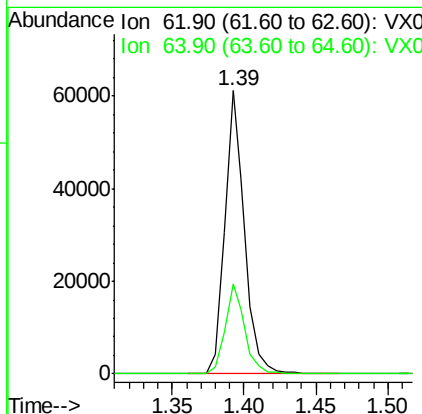
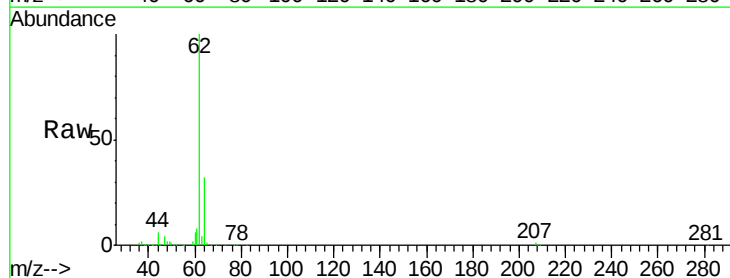
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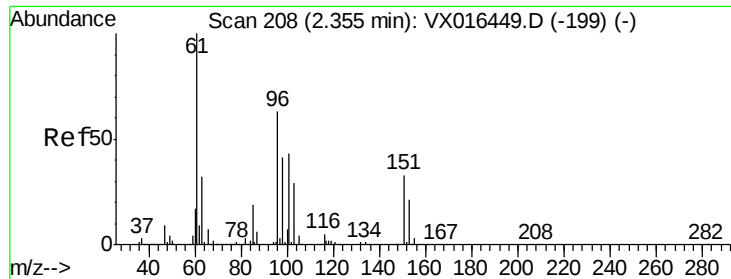


#4

Vinyl Chloride
 Concen: 21.328 ug/l
 RT: 1.39 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX016684.D
 Acq: 10 Jun 2020 18:48

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.8	25.9	38.9





#12

1,1-Dichloroethene

Concen: 0.791 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.01 min

Lab File: VX016684.D

Acq: 10 Jun 2020 18:48

Instrument :

MSVOA_X

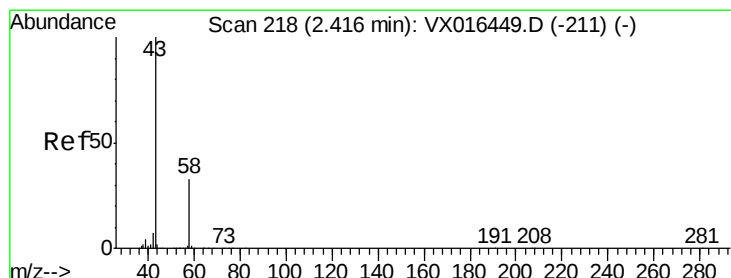
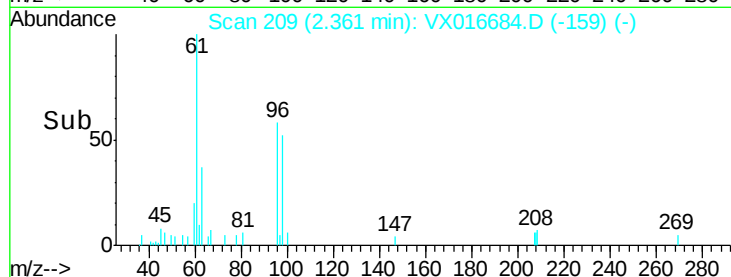
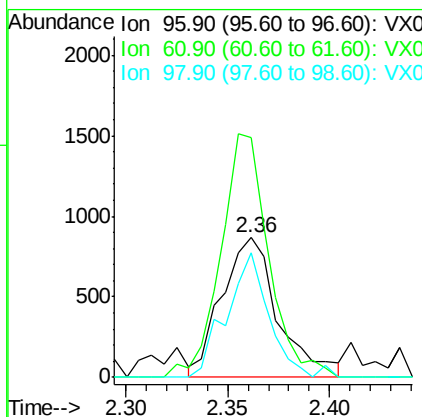
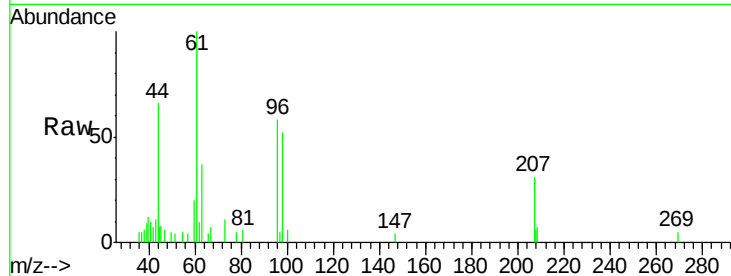
ClientSampleId :

LF012MW031-200608

Tot Ion:	96	Resp:	1662
Ion	Ratio	Lower	Upper
96	100		
61	186.4	126.6	189.8
98	96.7	51.3	76.9#

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#16

Acetone

Concen: 2.312 ug/l

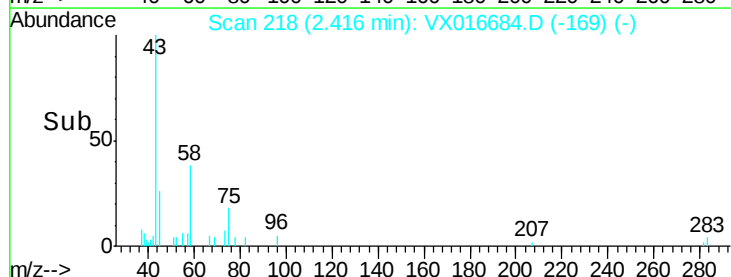
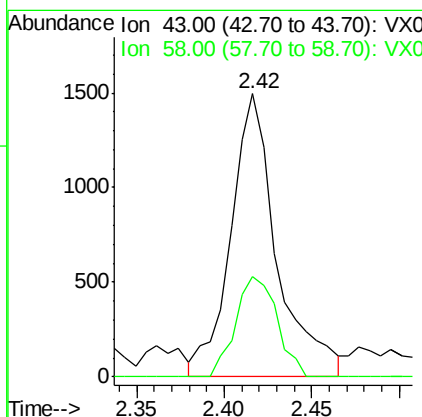
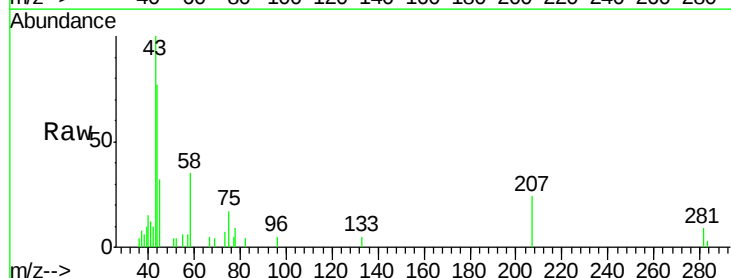
RT: 2.42 min Scan# 218

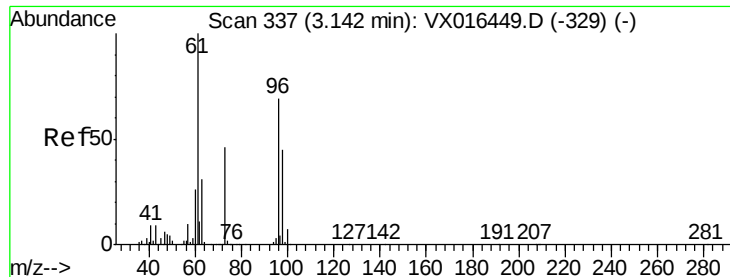
Delta R.T. 0.00 min

Lab File: VX016684.D

Acq: 10 Jun 2020 18:48

Tgt Ion:	43	Resp:	2749
Ion	Ratio	Lower	Upper
43	100		
58	37.4	26.1	39.1





#21

trans-1,2-Dichloroethene

Concen: 1.251 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016684.D

Acq: 10 Jun 2020 18:48

Instrument :

MSVOA_X

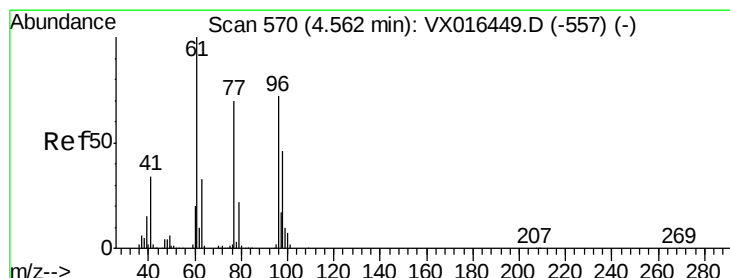
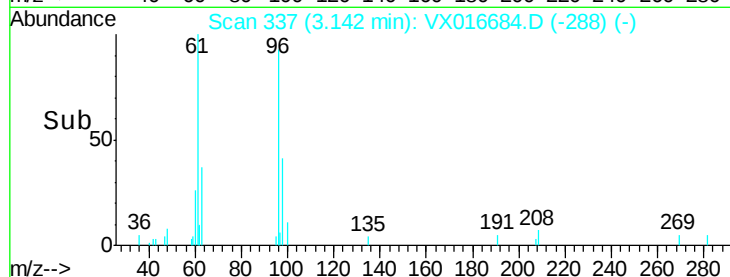
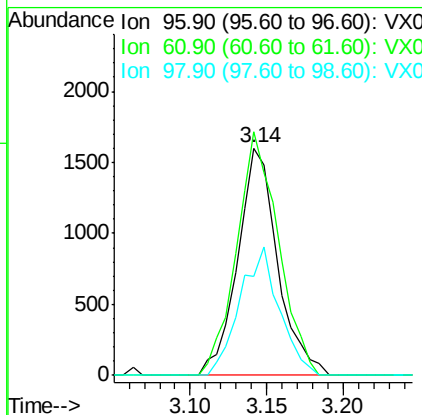
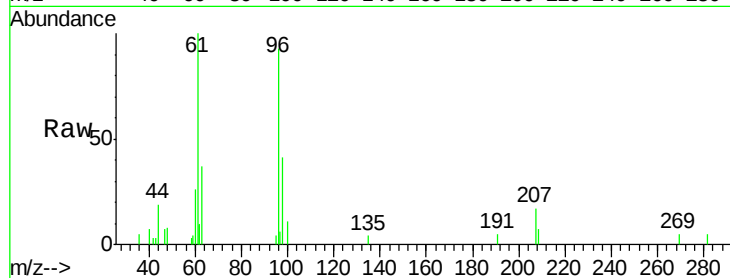
ClientSampleId :

LF012MW031-200608

Tot Ion:	96	Resp:	2909
Ion	Ratio	Lower	Upper
96	100		
61	107.2	115.3	172.9#
98	43.8	51.9	77.9#

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#27

cis-1,2-Dichloroethene

Concen: 488.028 ug/l

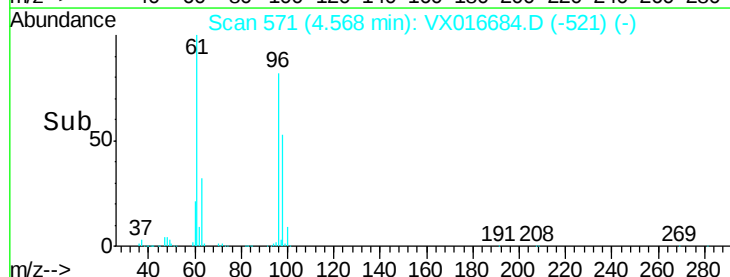
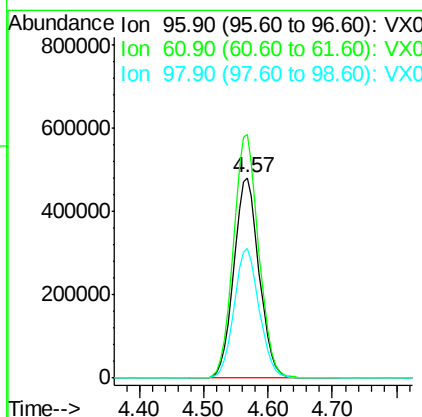
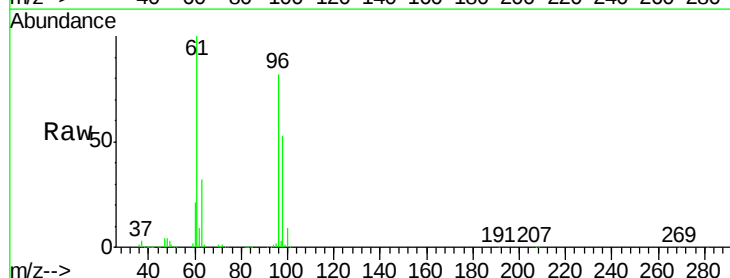
RT: 4.57 min Scan# 571

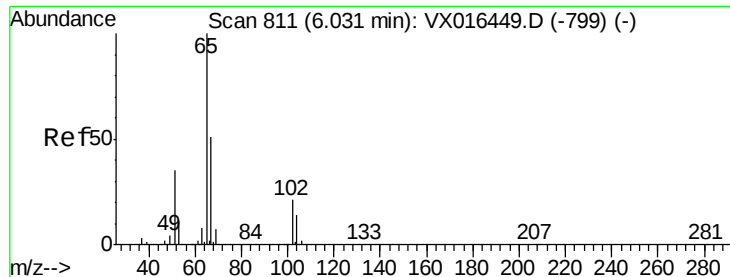
Delta R.T. 0.01 min

Lab File: VX016684.D

Acq: 10 Jun 2020 18:48

Tgt Ion:	96	Resp:	1312908
Ion	Ratio	Lower	Upper
96	100		
61	121.7	0.0	284.6
98	64.4	0.0	127.2





#33

1,2-Dichloroethane-d4

Concen: 47.574 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016684.D

Acq: 10 Jun 2020 18:48

Instrument :

MSVOA_X

ClientSampleId :

LF012MW031-200608

Tot Ion: 65 Resp: 129085

Ion Ratio Lower Upper

65 100

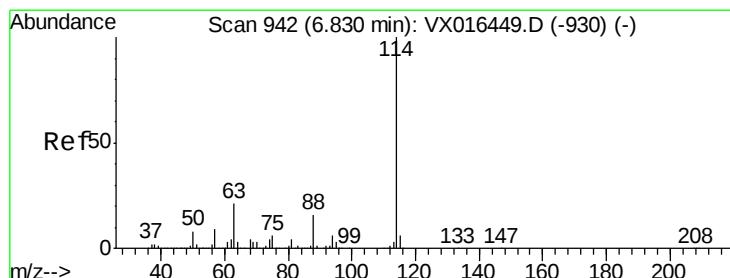
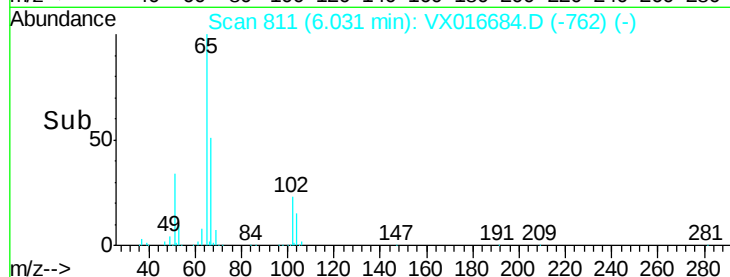
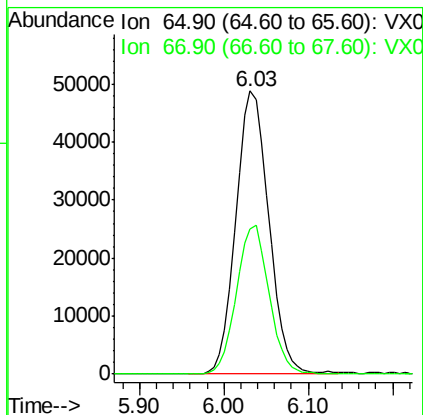
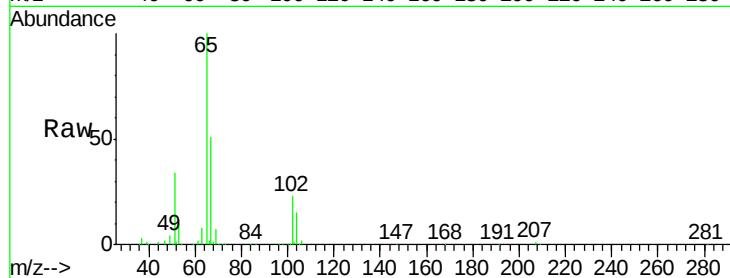
67 51.9 0.0 104.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016684.D

Acq: 10 Jun 2020 18:48

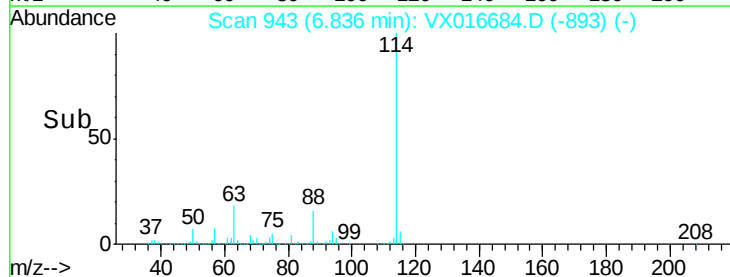
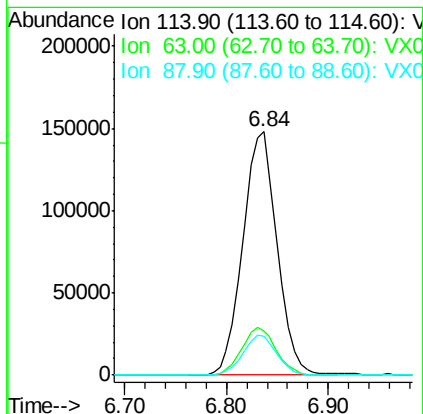
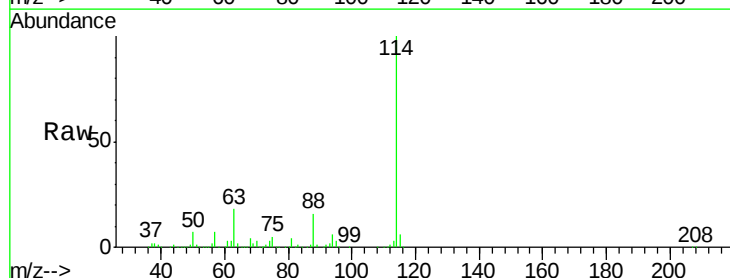
Tgt Ion: 114 Resp: 345761

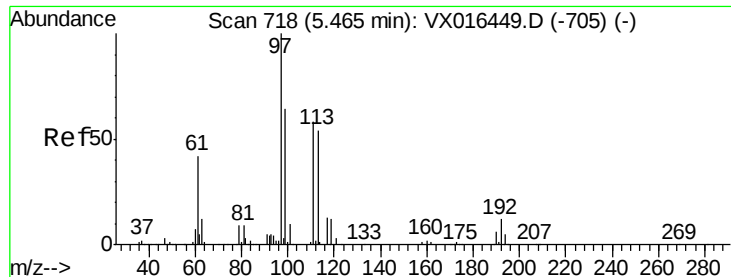
Ion Ratio Lower Upper

114 100

63 18.3 0.0 42.6

88 16.0 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.548 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016684.D

Acq: 10 Jun 2020 18:48

Instrument :

MSVOA_X

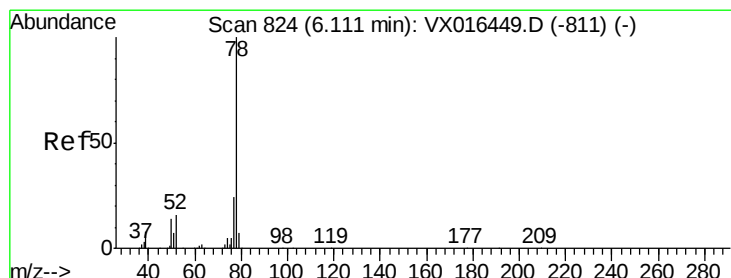
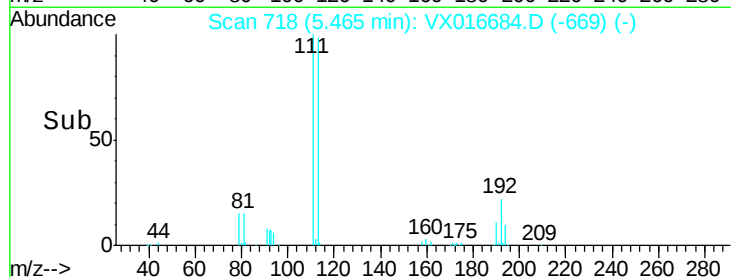
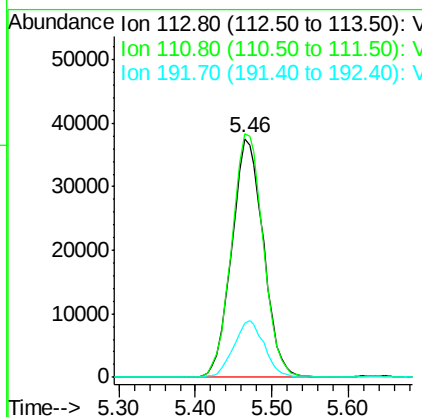
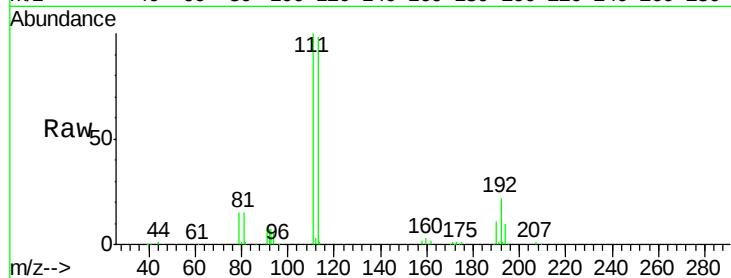
ClientSampleId :

LF012MW031-200608

Tot Ion:	113	Resp:	107617
Ion Ratio	Lower	Upper	
113	100		
111	102.1	83.0	124.6
192	23.2	17.7	26.5

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#40

Benzene

Concen: 0.366 ug/l

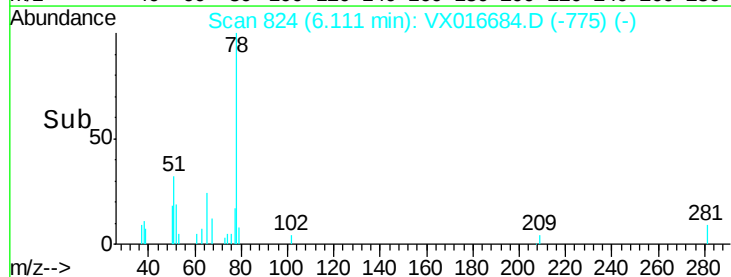
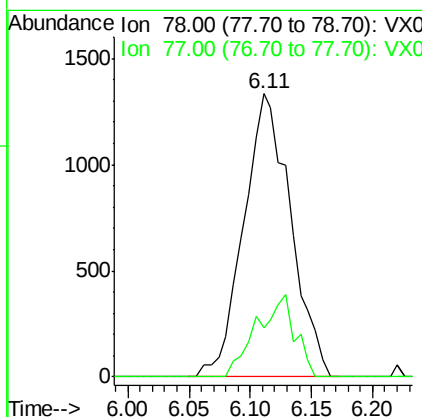
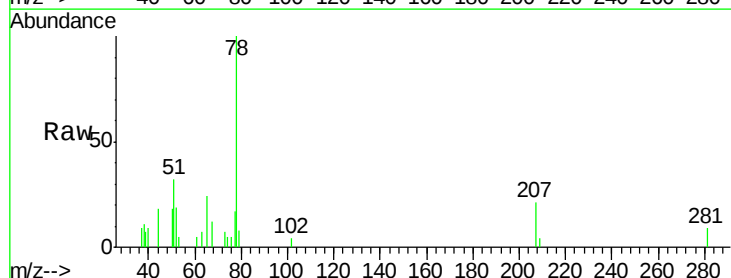
RT: 6.11 min Scan# 824

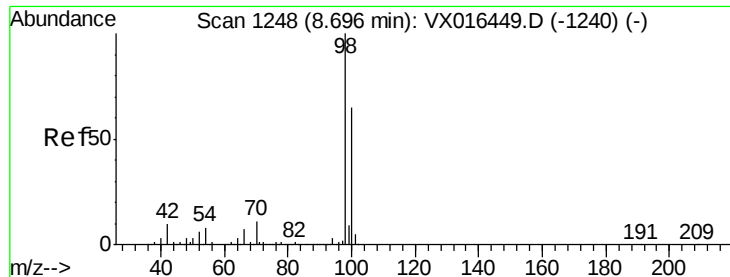
Delta R.T. 0.00 min

Lab File: VX016684.D

Acq: 10 Jun 2020 18:48

Tgt Ion:	78	Resp:	3571
Ion Ratio	Lower	Upper	
78	100		
77	17.3	18.9	28.3#





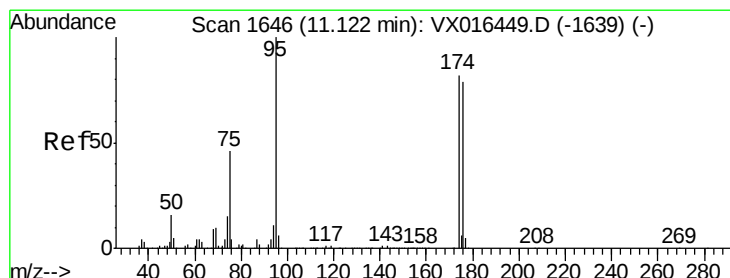
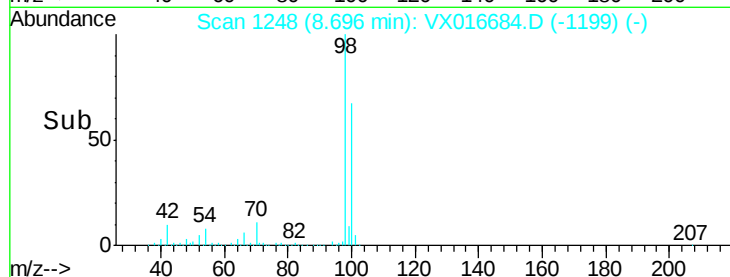
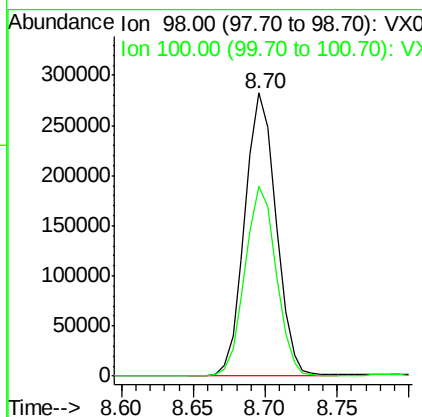
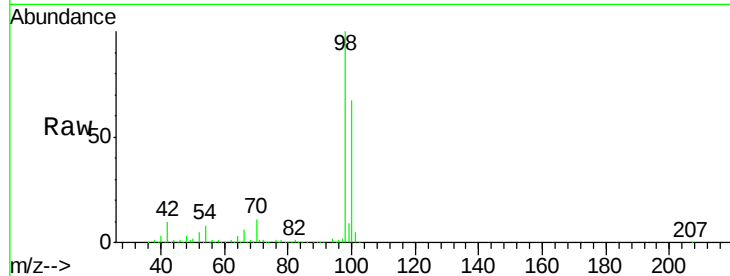
#50
Toluene-d8
Concen: 51.487 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016684.D
Acq: 10 Jun 2020 18:48

Instrument :
MSVOA_X
ClientSampleId :
LF012MW031-200608

Tot Ion: 98 Resp: 426646
Ion Ratio Lower Upper
98 100
100 66.8 53.8 80.6

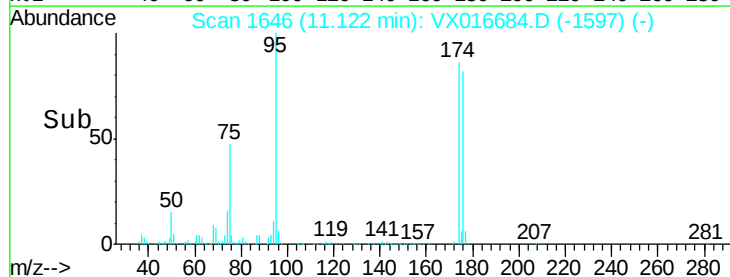
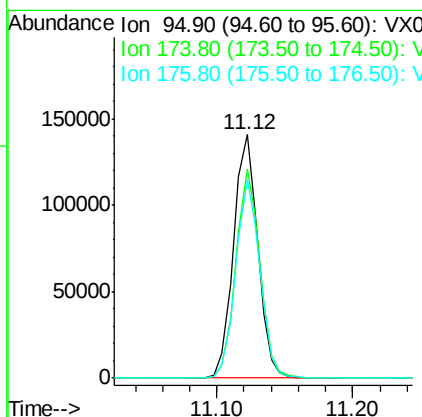
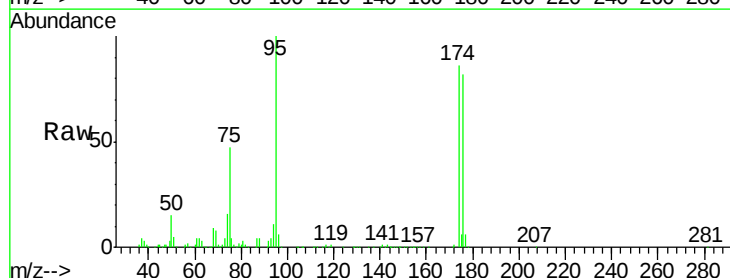
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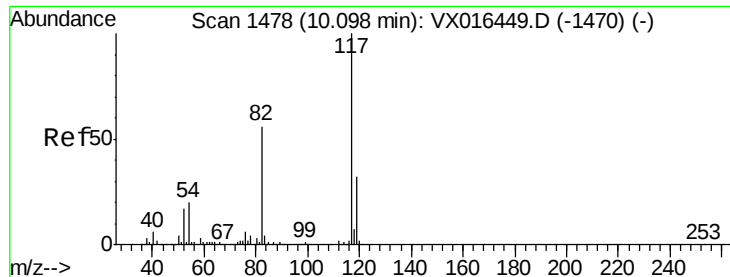
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#62
4-Bromofluorobenzene
Concen: 54.503 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016684.D
Acq: 10 Jun 2020 18:48

Tgt Ion: 95 Resp: 174513
Ion Ratio Lower Upper
95 100
174 85.5 0.0 163.0
176 81.3 0.0 156.8





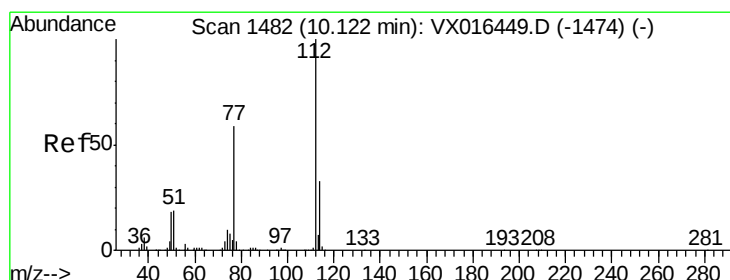
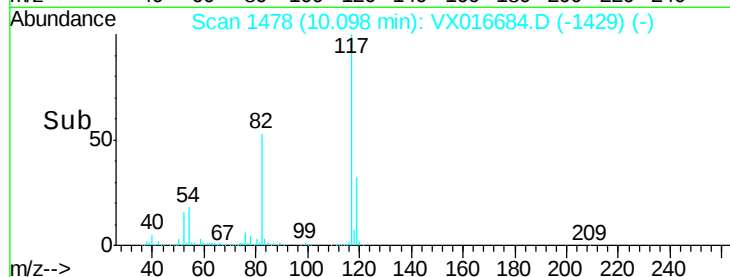
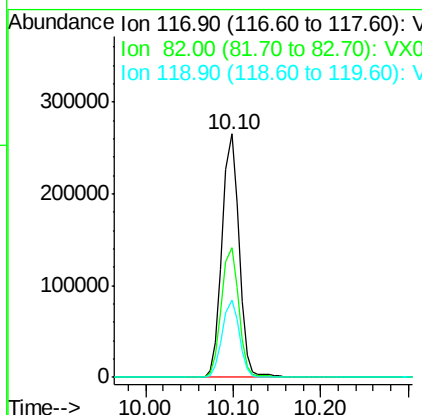
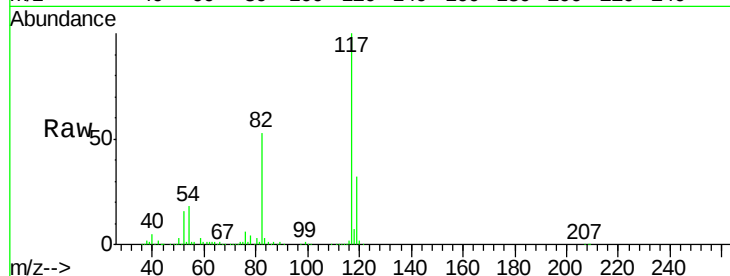
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016684.D
Acq: 10 Jun 2020 18:48

Instrument :
MSVOA_X
ClientSampleId :
LF012MW031-200608

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	45.0	67.6
119	31.7	25.8	38.8

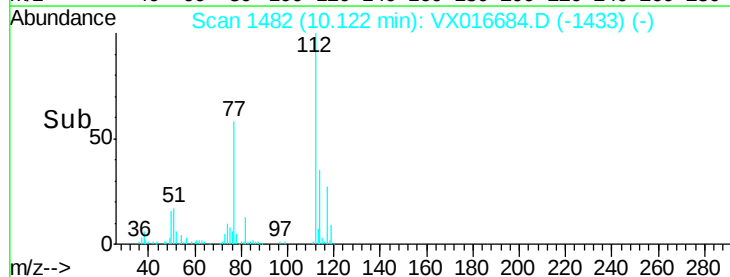
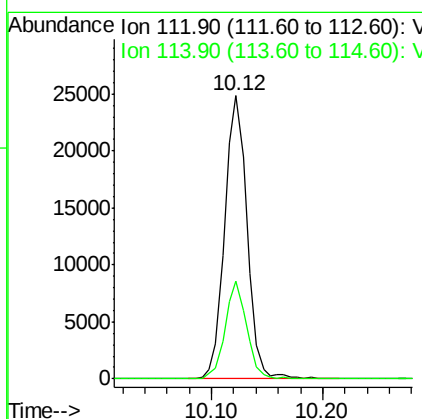
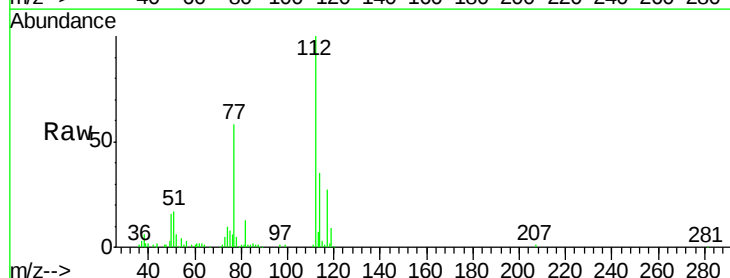
Manual Integrations
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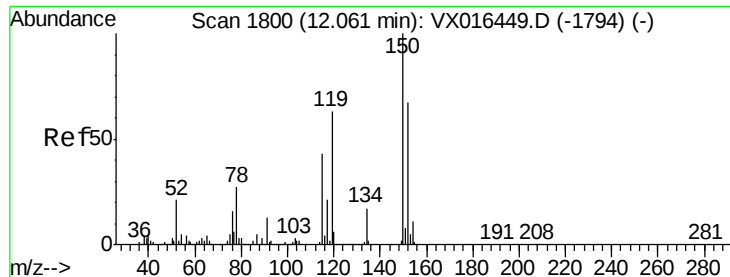
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#65
Chlorobenzene
Concen: 4.750 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX016684.D
Acq: 10 Jun 2020 18:48

Tgt Ion	Ratio	Lower	Upper
112	100		
114	34.6	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: VX016684.D

Acq: 10 Jun 2020 18:48

Instrument :

MSVOA_X

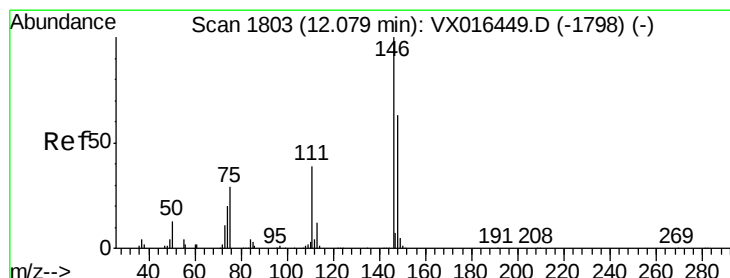
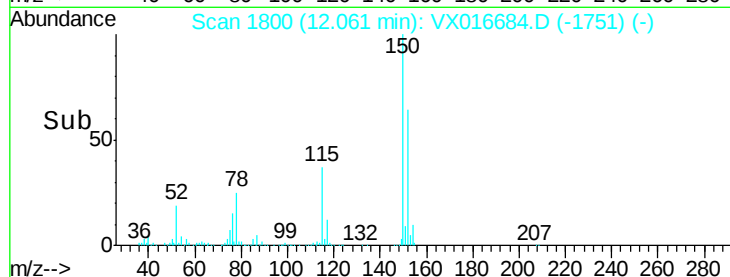
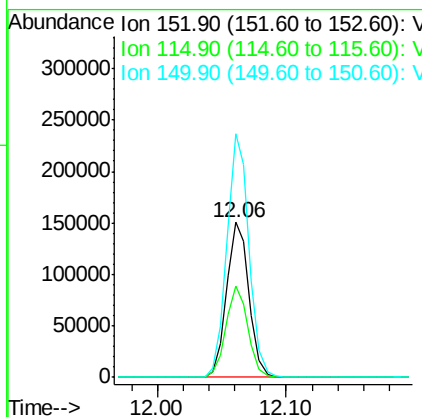
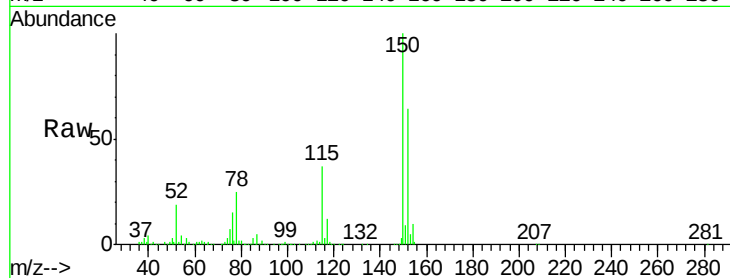
ClientSampleId :

LF012MW031-200608

Tot Ion:	152	Resp:	183387
Ion Ratio	Lower	Upper	
152	100		
115	57.6	39.9	119.6
150	155.6	0.0	341.0

Manual Integrations
APPROVED

MMDadoda
6/11/2020 12:46:19 PM



#88

1,4-Dichlorobenzene

Concen: 0.488 ug/l m

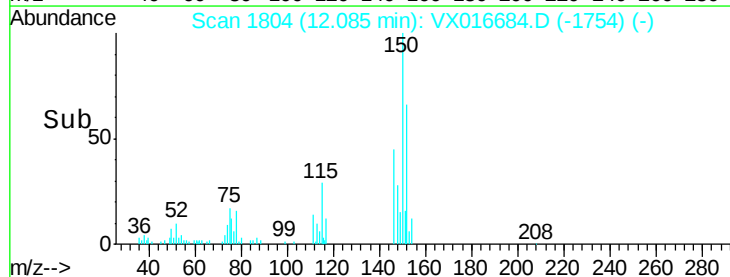
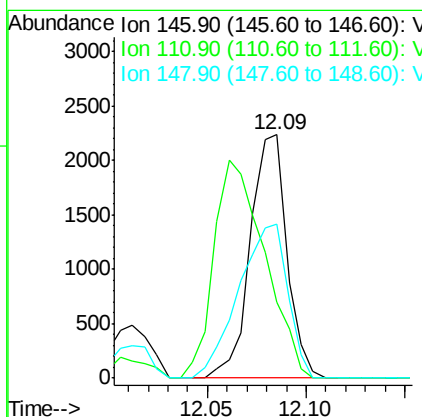
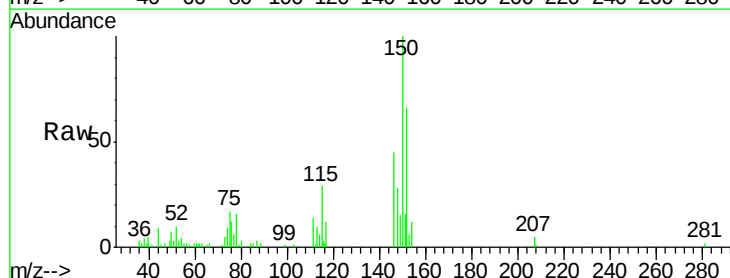
RT: 12.09 min Scan# 1804

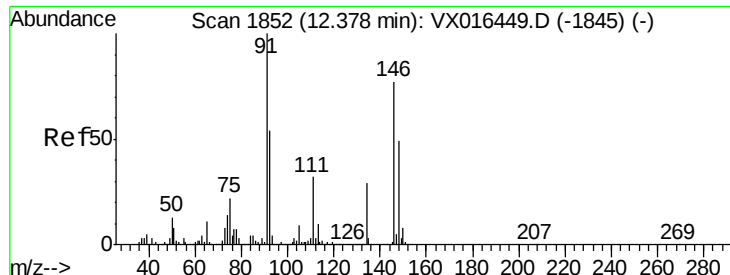
Delta R.T. 0.01 min

Lab File: VX016684.D

Acq: 10 Jun 2020 18:48

Tgt Ion:	146	Resp:	2880
Ion Ratio	Lower	Upper	
146	100		
111	9.3	19.4	58.2#
148	14.7	31.4	94.3#





#91
 1,2-Dichlorobenzene
 Concen: 1.501 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016684.D
 Acq: 10 Jun 2020 18:48

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012MW031-200608

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.4	64.3
148	67.1	31.9	95.7

Manual Integrations
 APPROVED

MMDadoda
 6/11/2020 12:46:19 PM

