

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121119\
 Data File : VX013952.D
 Acq On : 11 Dec 2019 18:41
 Operator : JC/SP
 Sample : K6249-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ187I-20191208

Manual Integrations
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Quant Time: Dec 12 07:25:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	572847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	874743	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	775485	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	337437	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	320786	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.48%	
35) Dibromofluoromethane	5.49	113	261446	48.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.70%	
50) Toluene-d8	8.71	98	1035406	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.28%	
62) 4-Bromofluorobenzene	11.14	95	341959	45.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.02%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.72	64	13305	2.904	ug/l	93
12) 1,1-Dichloroethene	2.37	96	4413	0.809	ug/l #	74
16) Acetone	2.44	43	13727	4.181	ug/l	91
24) 1,1-Dichloroethane	3.69	63	109216	10.487	ug/l	98
85) sec-Butylbenzene	11.94	105	8754	0.389	ug/l	85
87) 1,3-Dichlorobenzene	12.02	146	4595	0.412	ug/l	90
88) 1,4-Dichlorobenzene	12.09	146	14310m	1.260	ug/l	
91) 1,2-Dichlorobenzene	12.38	146	7983	0.725	ug/l	97

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

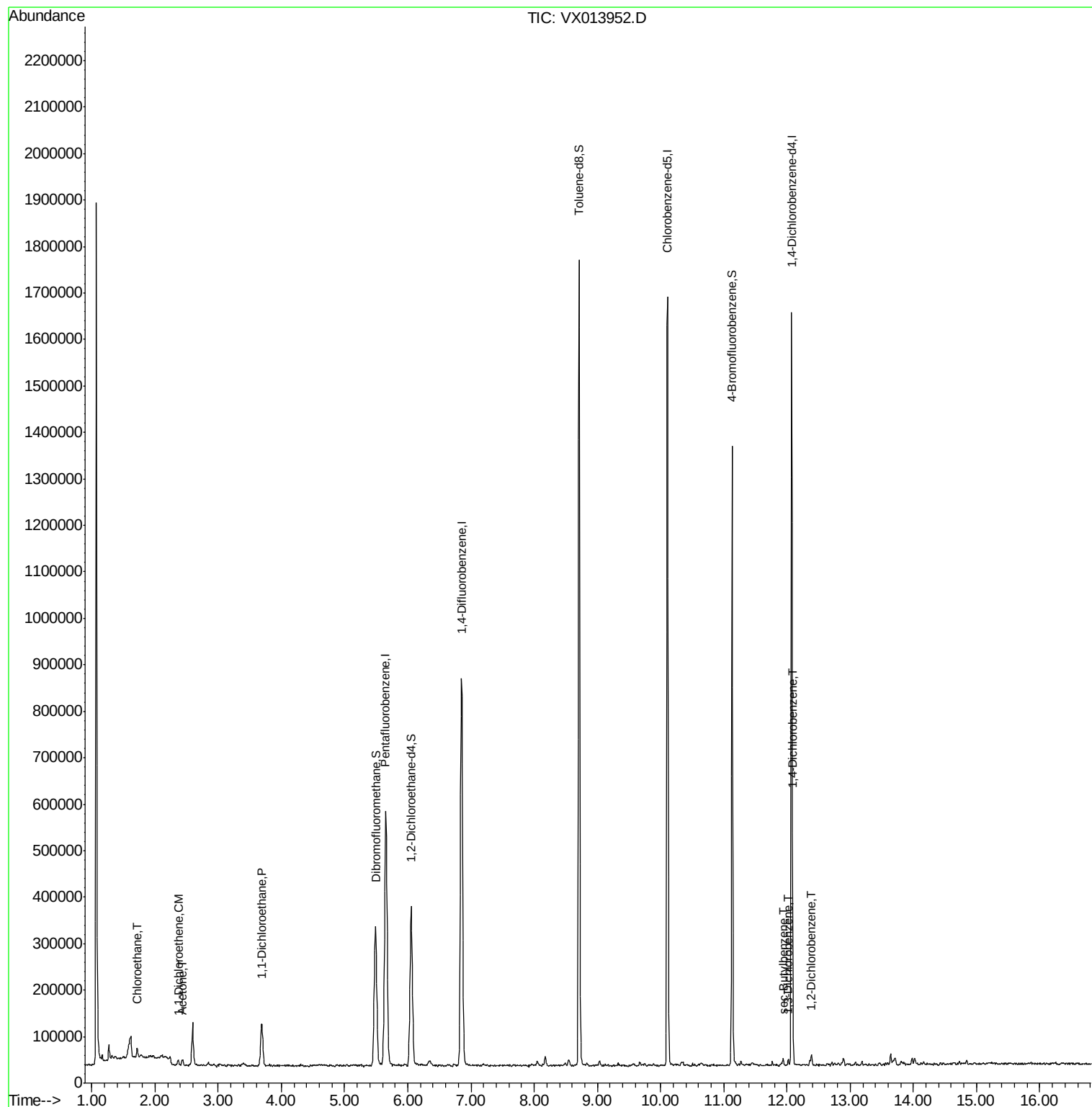
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121119\
Data File : VX013952.D
Acq On : 11 Dec 2019 18:41
Operator : JC/SP
Sample : K6249-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

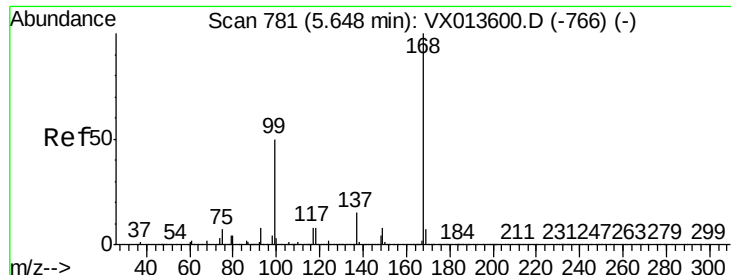
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ187I-20191208

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Quant Time: Dec 12 07:25:36 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013952.D

Acq: 11 Dec 2019 18:41

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ187I-20191208

Tot Ion:168 Resp: 572847

Ion Ratio Lower Upper

168 100

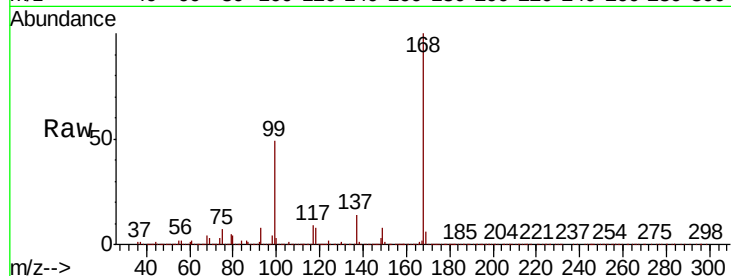
99 49.1 39.8 59.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

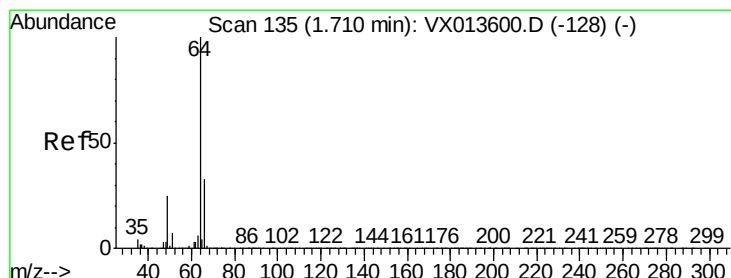
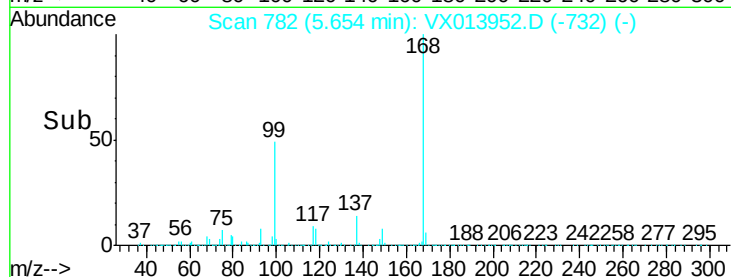
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 2.904 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX013952.D

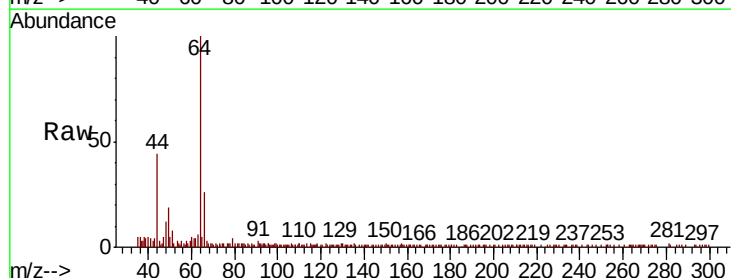
Acq: 11 Dec 2019 18:41

Tgt Ion: 64 Resp: 13305

Ion Ratio Lower Upper

64 100

66 29.1 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

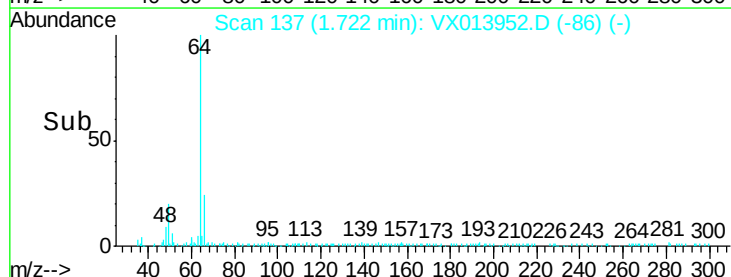
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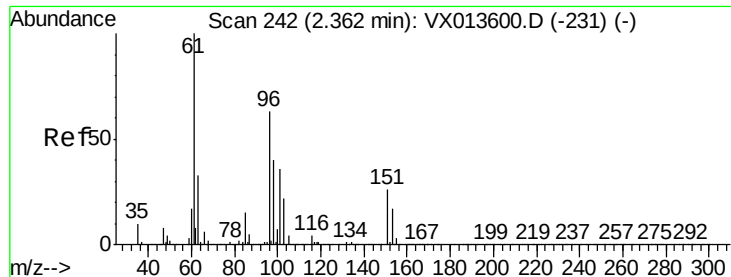
10000

5000

0

Time-->





#12

1,1-Dichloroethene

Concen: 0.809 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX013952.D

Acq: 11 Dec 2019 18:41

Instrument :

MSVOA_X

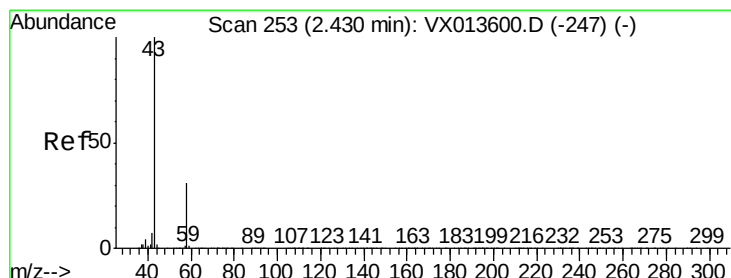
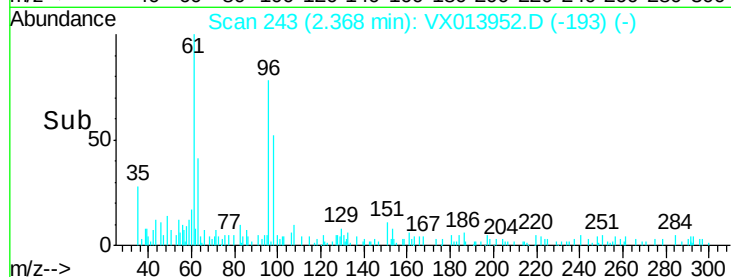
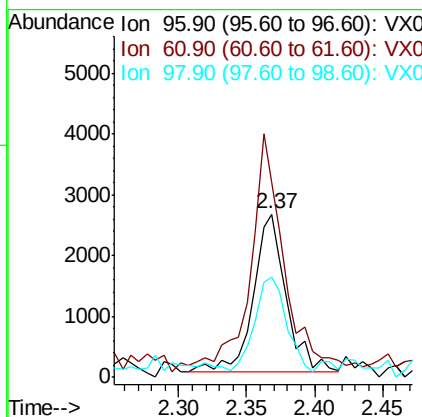
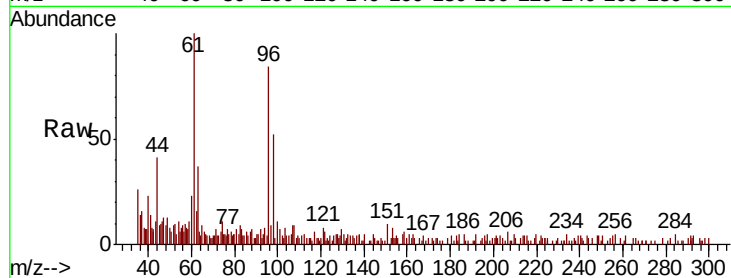
ClientSampleId :

SA-PZ187I-20191208

Tot Ion:	96	Resp:	4413
Ion Ratio	Lower	Upper	
96	100		
61	115.8	126.6	190.0#
98	55.7	50.6	76.0

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#16

Acetone

Concen: 4.181 ug/l

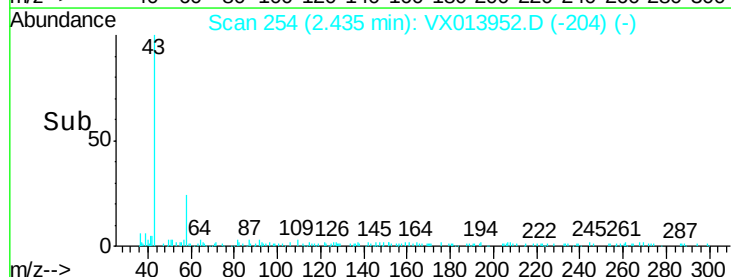
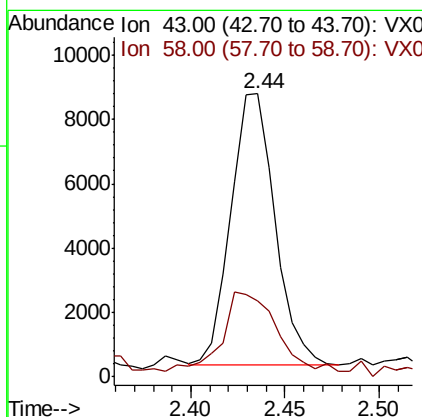
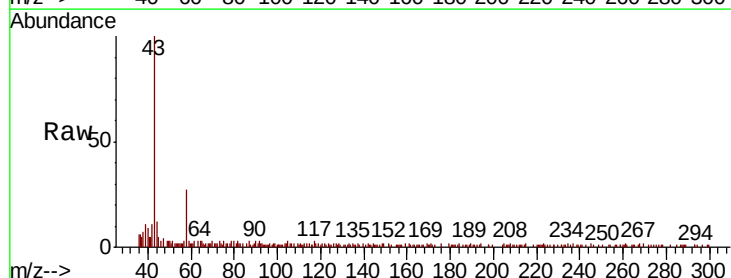
RT: 2.44 min Scan# 254

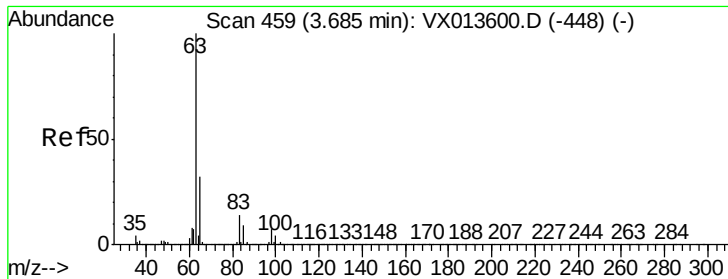
Delta R.T. 0.01 min

Lab File: VX013952.D

Acq: 11 Dec 2019 18:41

Tgt Ion:	43	Resp:	13727
Ion Ratio	Lower	Upper	
43	100		
58	26.0	24.6	36.8





#24

1,1-Dichloroethane

Concen: 10.487 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013952.D

Acq: 11 Dec 2019 18:41

Instrument :

MSVOA_X

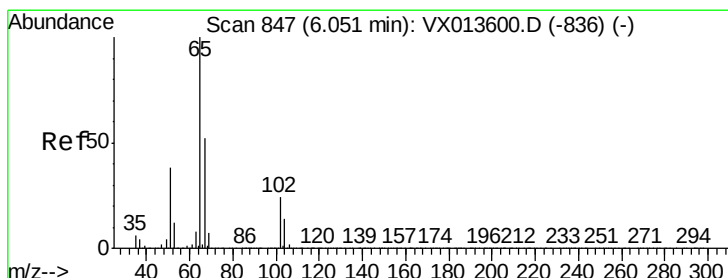
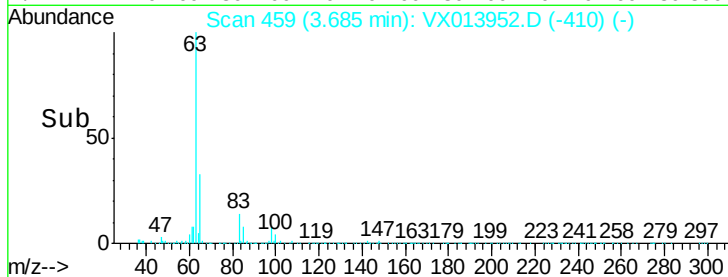
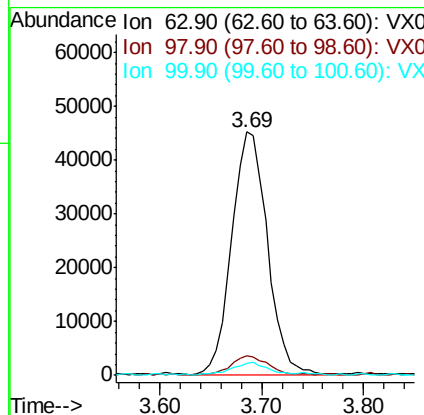
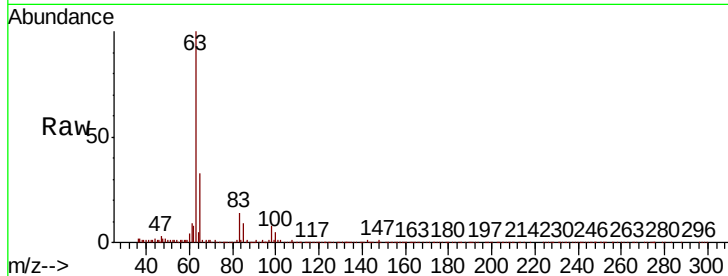
ClientSampleId :

SA-PZ187I-20191208

Tot Ion	Ratio	Resp	Lower	Upper
63	100	109216		
98	7.7	3.5	10.4	
100	4.4	2.1	6.3	

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#33

1,2-Dichloroethane-d4

Concen: 48.242 ug/l

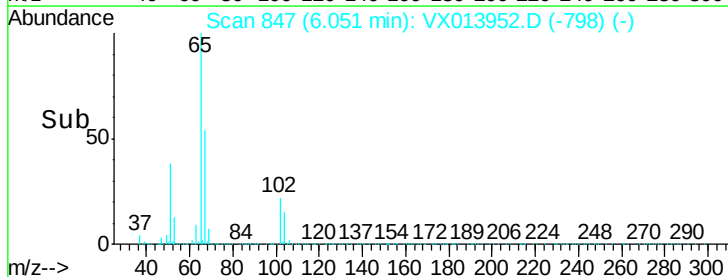
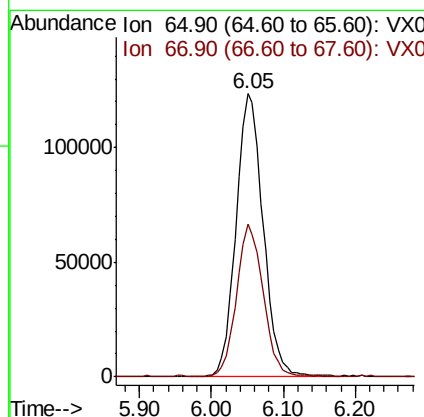
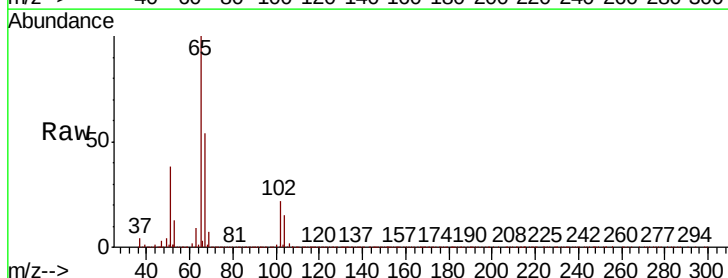
RT: 6.05 min Scan# 847

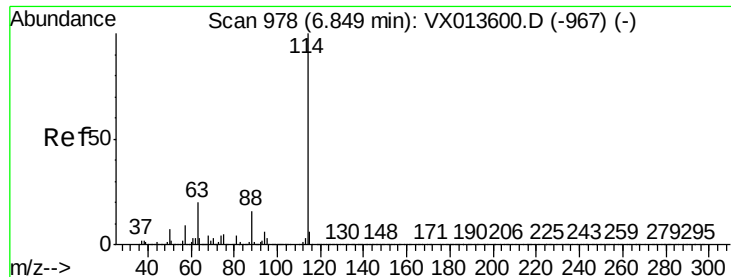
Delta R.T. -0.00 min

Lab File: VX013952.D

Acq: 11 Dec 2019 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	320786		
67	53.3	0.0	104.4	





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013952.D

Acq: 11 Dec 2019 18:41

Instrument :

MSVOA_X

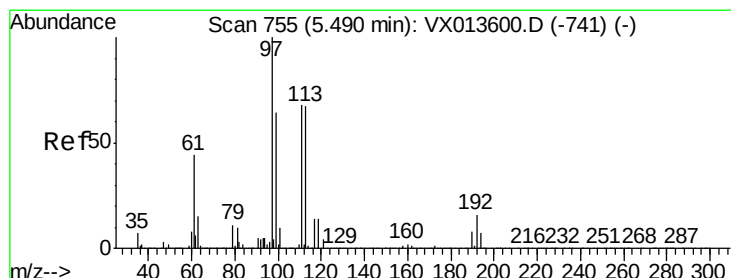
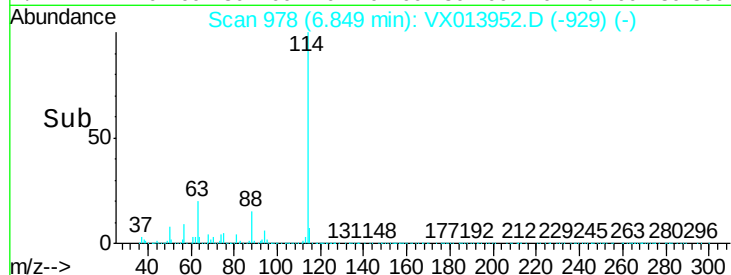
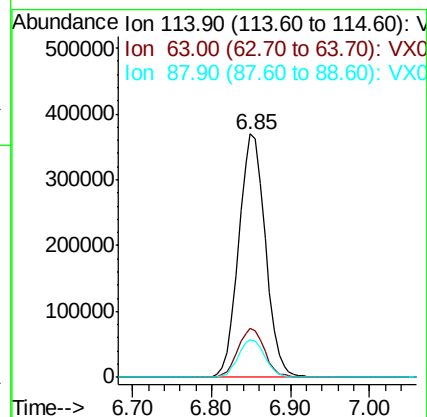
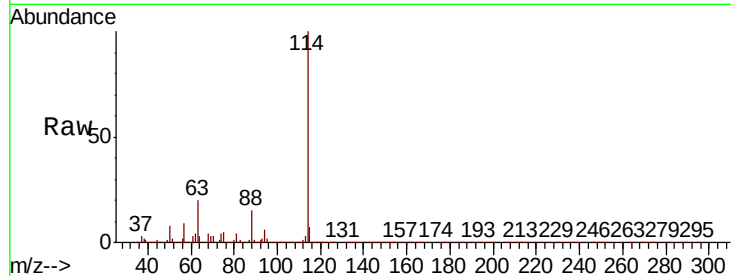
ClientSampleId :

SA-PZ1871-20191208

Tot Ion	Ion	Ratio	Resp	Lower	Upper
874743	114	100			
	63	20.2	0.0	39.6	
	88	15.2	0.0	31.4	

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#35

Dibromofluoromethane

Concen: 48.346 ug/l

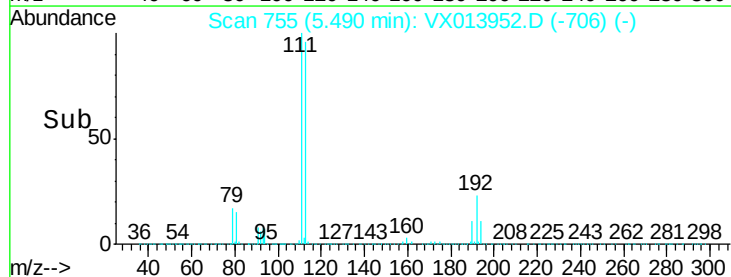
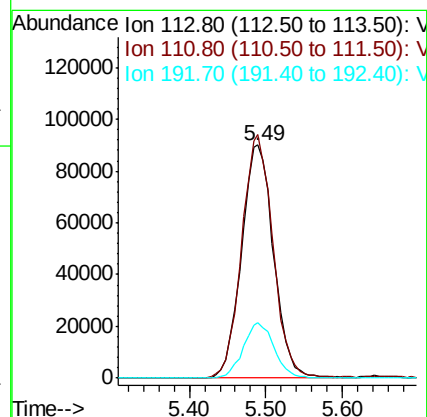
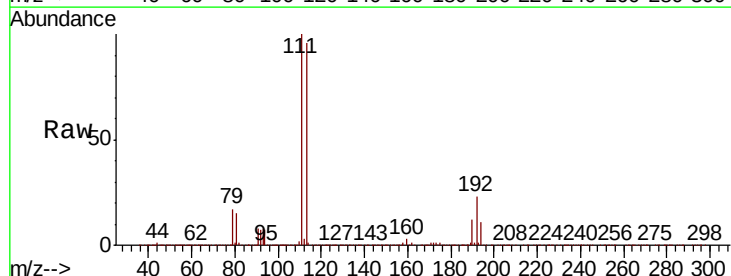
RT: 5.49 min Scan# 755

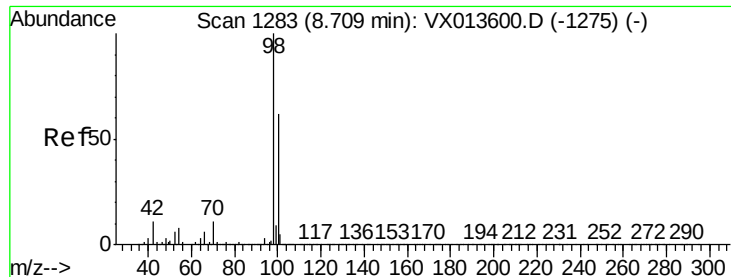
Delta R.T. -0.00 min

Lab File: VX013952.D

Acq: 11 Dec 2019 18:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
261446	113	100			
	111	102.0	83.6	125.4	
	192	23.1	19.2	28.8	





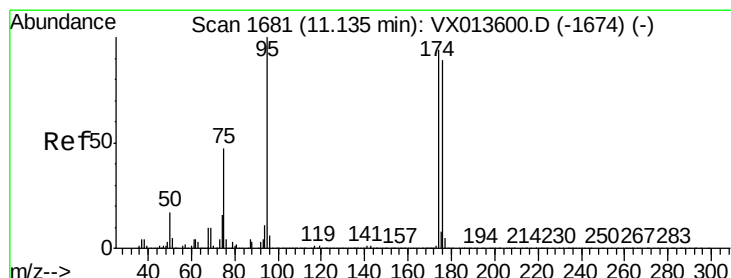
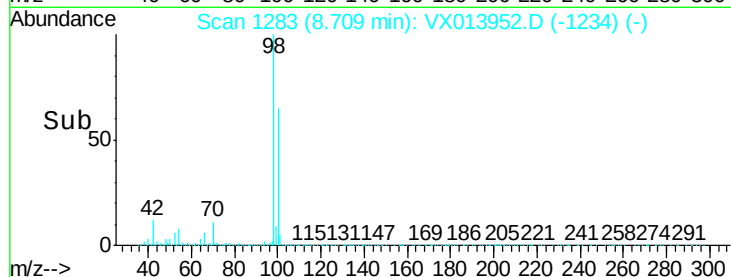
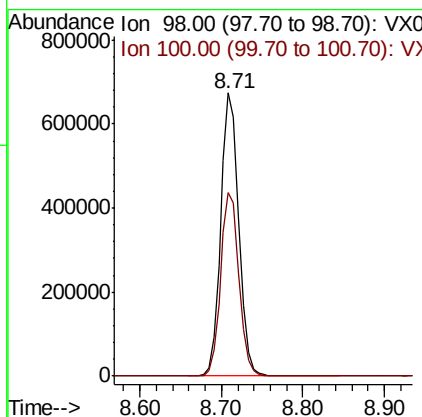
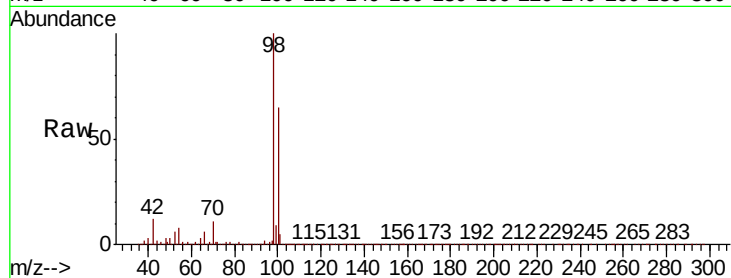
#50
Toluene-d8
Concen: 49.143 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013952.D
Acq: 11 Dec 2019 18:41

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ187I-20191208

Tot Ion: 98 Resp: 1035406
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7

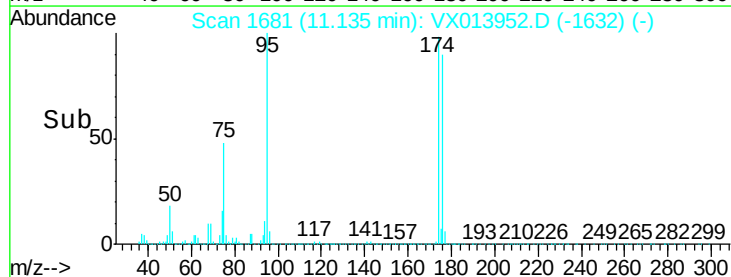
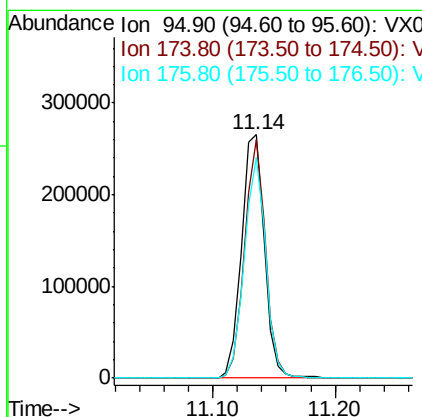
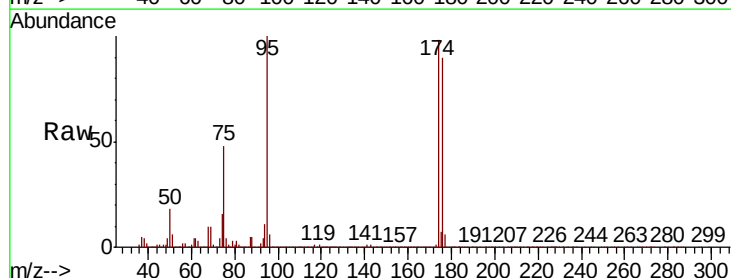
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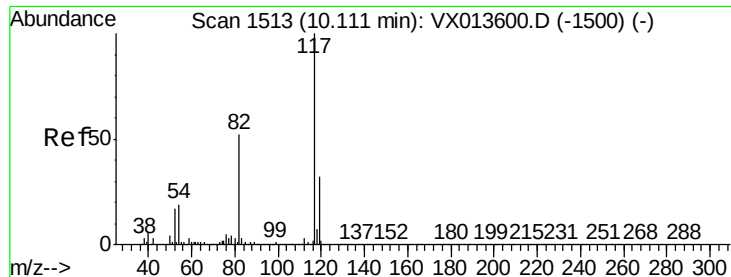
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#62
4-Bromofluorobenzene
Concen: 45.009 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013952.D
Acq: 11 Dec 2019 18:41

Tgt Ion: 95 Resp: 341959
Ion Ratio Lower Upper
95 100
174 90.4 0.0 180.0
176 85.8 0.0 173.6





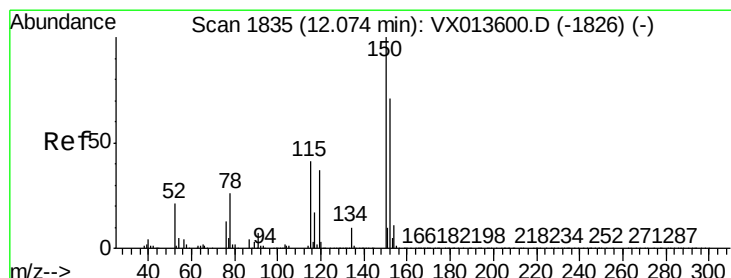
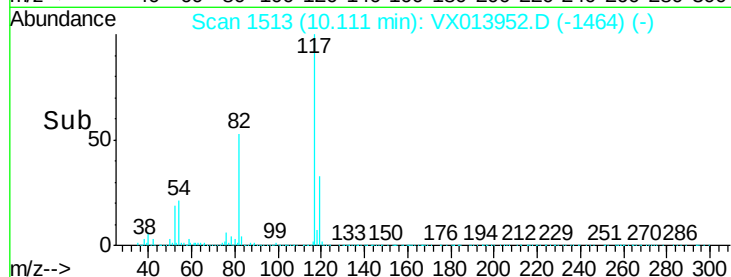
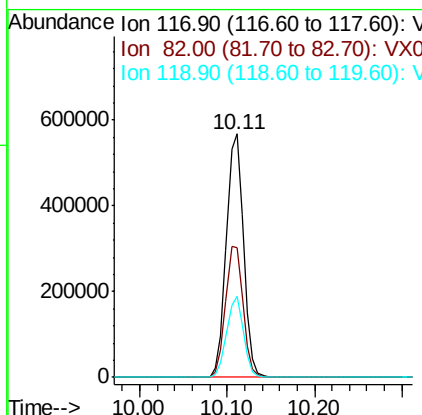
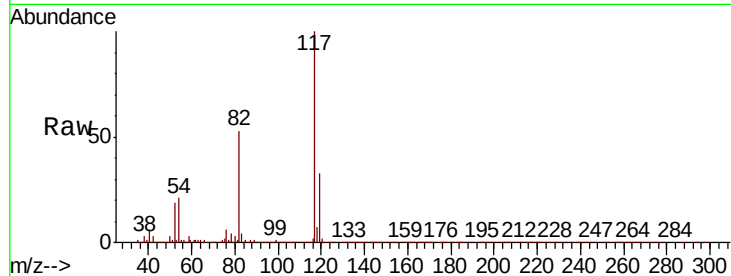
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013952.D
Acq: 11 Dec 2019 18:41

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ1871-20191208

Tot Ion	Ratio	Resp	Lower	Upper
117	100	775485		
82	53.1		41.8	62.8
119	33.1		25.8	38.8

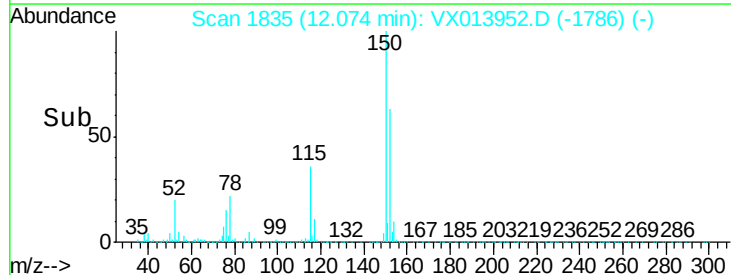
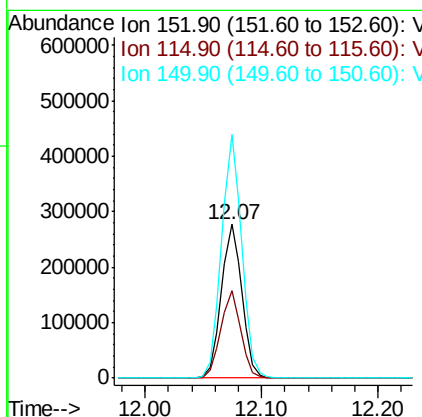
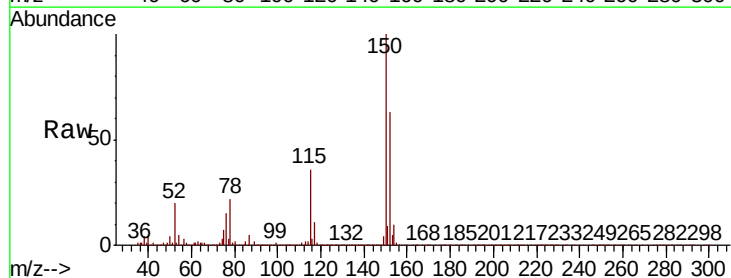
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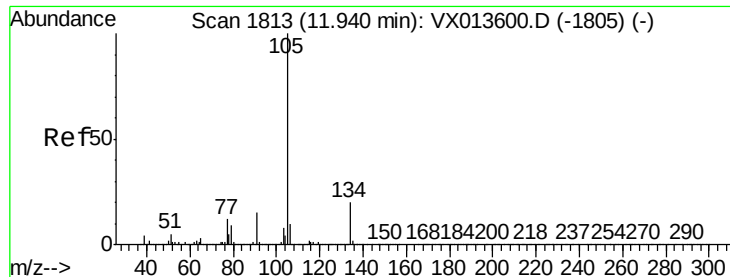
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013952.D
Acq: 11 Dec 2019 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	337437		
115	55.5		38.4	115.1
150	155.1		0.0	346.8





#85

sec-Butylbenzene

Concen: 0.389 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013952.D

Acq: 11 Dec 2019 18:41

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ187I-20191208

Tot Ion:105 Resp: 8754

Ion Ratio Lower Upper

105 100

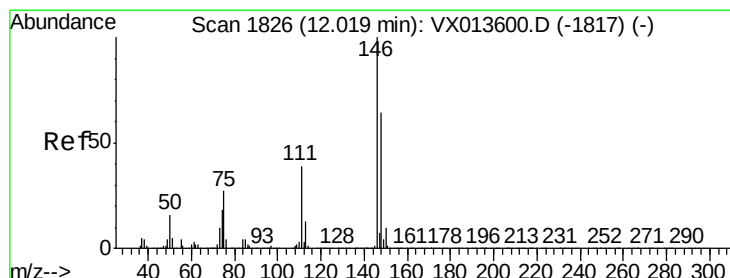
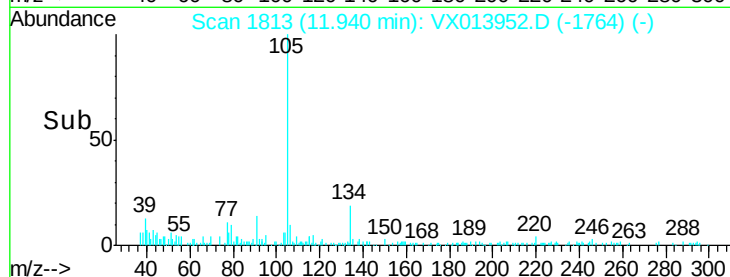
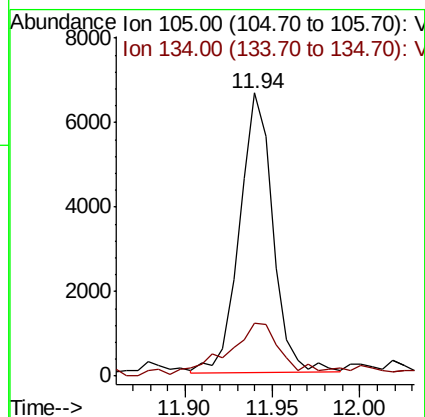
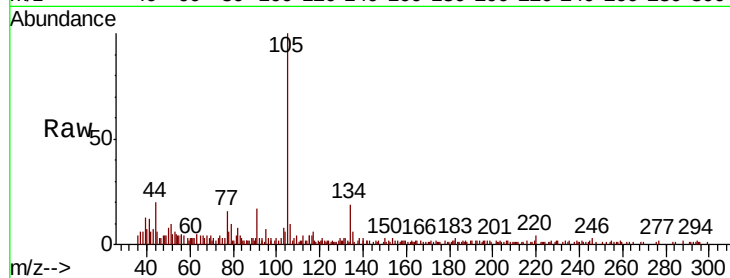
134 28.0 10.4 31.2

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#87

1,3-Dichlorobenzene

Concen: 0.412 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX013952.D

Acq: 11 Dec 2019 18:41

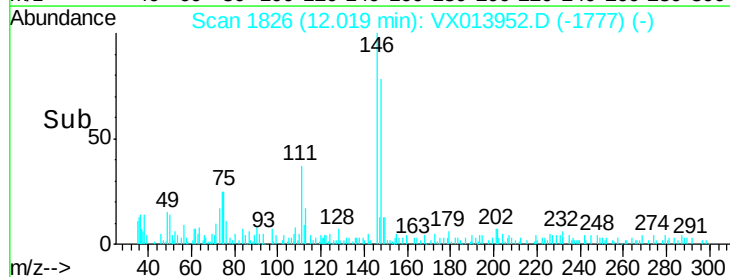
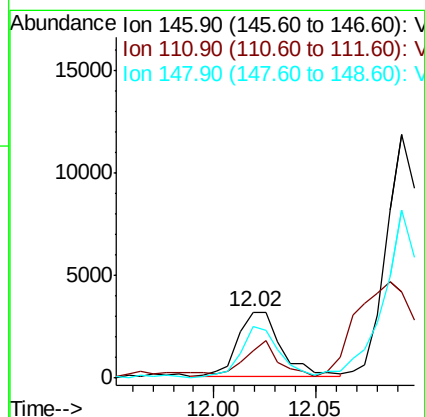
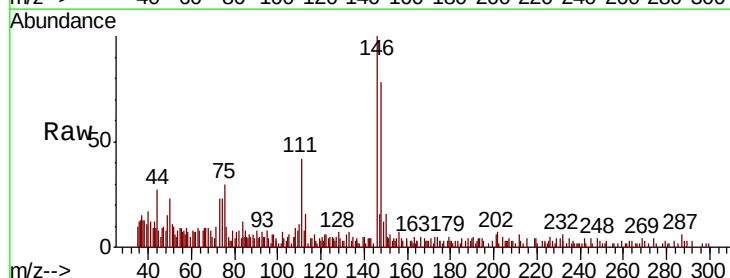
Tgt Ion:146 Resp: 4595

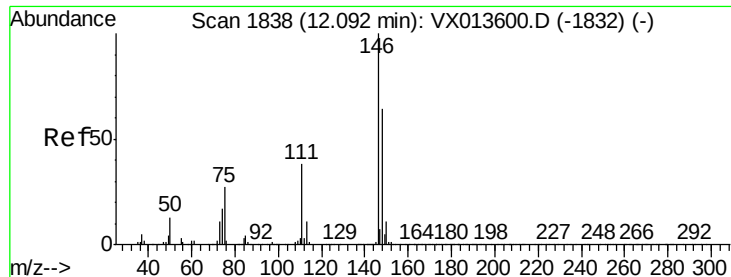
Ion Ratio Lower Upper

146 100

111 40.8 19.0 57.0

148 73.4 31.8 95.4





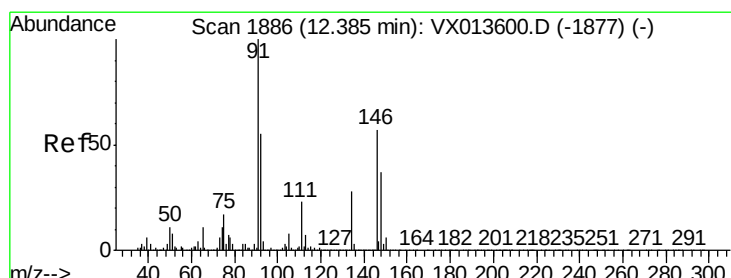
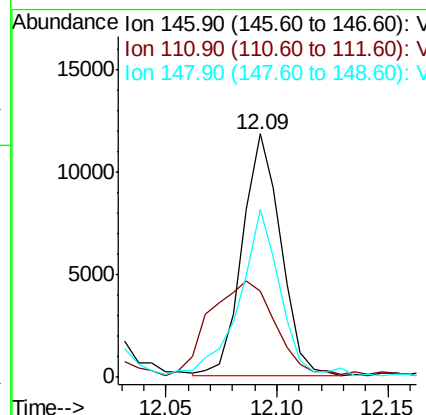
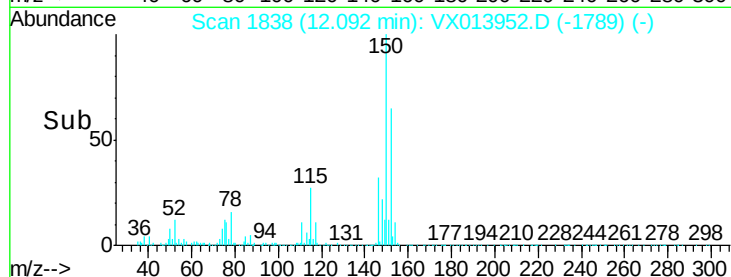
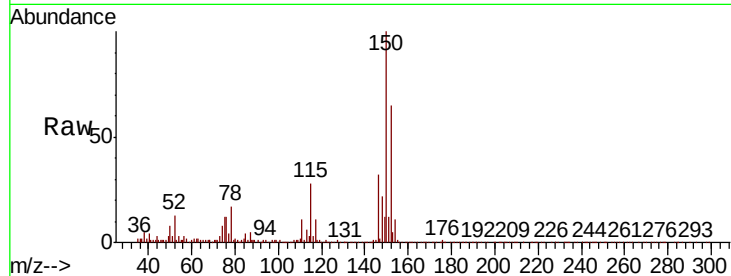
#88
 1,4-Dichlorobenzene
 Concen: 1.260 ug/l m
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013952.D
 Acq: 11 Dec 2019 18:41

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ1871-20191208

Tot Ion	Ratio	Lower	Upper
146	100		
111	13.6	18.9	56.9#
148	23.6	31.9	95.5#

Manual Integrations
 APPROVED

apatel
 12/12/2019 9:26:38 AM



#91
 1,2-Dichlorobenzene
 Concen: 0.725 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013952.D
 Acq: 11 Dec 2019 18:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	19.6	58.7
148	61.6	31.9	95.7

