

Data File : VX001005.D
Acq On : 20 Apr 2018 13:45
Operator : JC/MD
Sample : J2349-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LF012RW162-180411

Manual Integrations
APPROVED

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4/23/2018 1:27:38 PM

Quant Time: Apr 21 06:49:06 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	252118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	348639	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	324709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	214351	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	159670	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
35) Dibromofluoromethane	5.51	113	124842	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	
50) Toluene-d8	8.72	98	490381	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
62) 4-Bromofluorobenzene	11.14	95	190691	46.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.44%	

Target Compounds						Qvalue
4) Vinyl Chloride	1.41	62	122802	40.69	ug/l	99
12) 1,1-Dichloroethene	2.38	96	2702	1.10	ug/l	83
27) cis-1,2-Dichloroethene	4.60	96	254942	83.69	ug/l	89
39) Methylcyclohexane	7.46	83	2931	0.61	ug/l	93
40) Benzene	6.15	78	9729	0.85	ug/l #	89
44) Trichloroethene	7.22	130	4864	1.40	ug/l	100
65) Chlorobenzene	10.15	112	132616	15.34	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	2183	0.29	ug/l	92
88) 1,4-Dichlorobenzene	12.10	146	9150m	1.17	ug/l	
91) 1,2-Dichlorobenzene	12.40	146	18253	2.48	ug/l	99

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

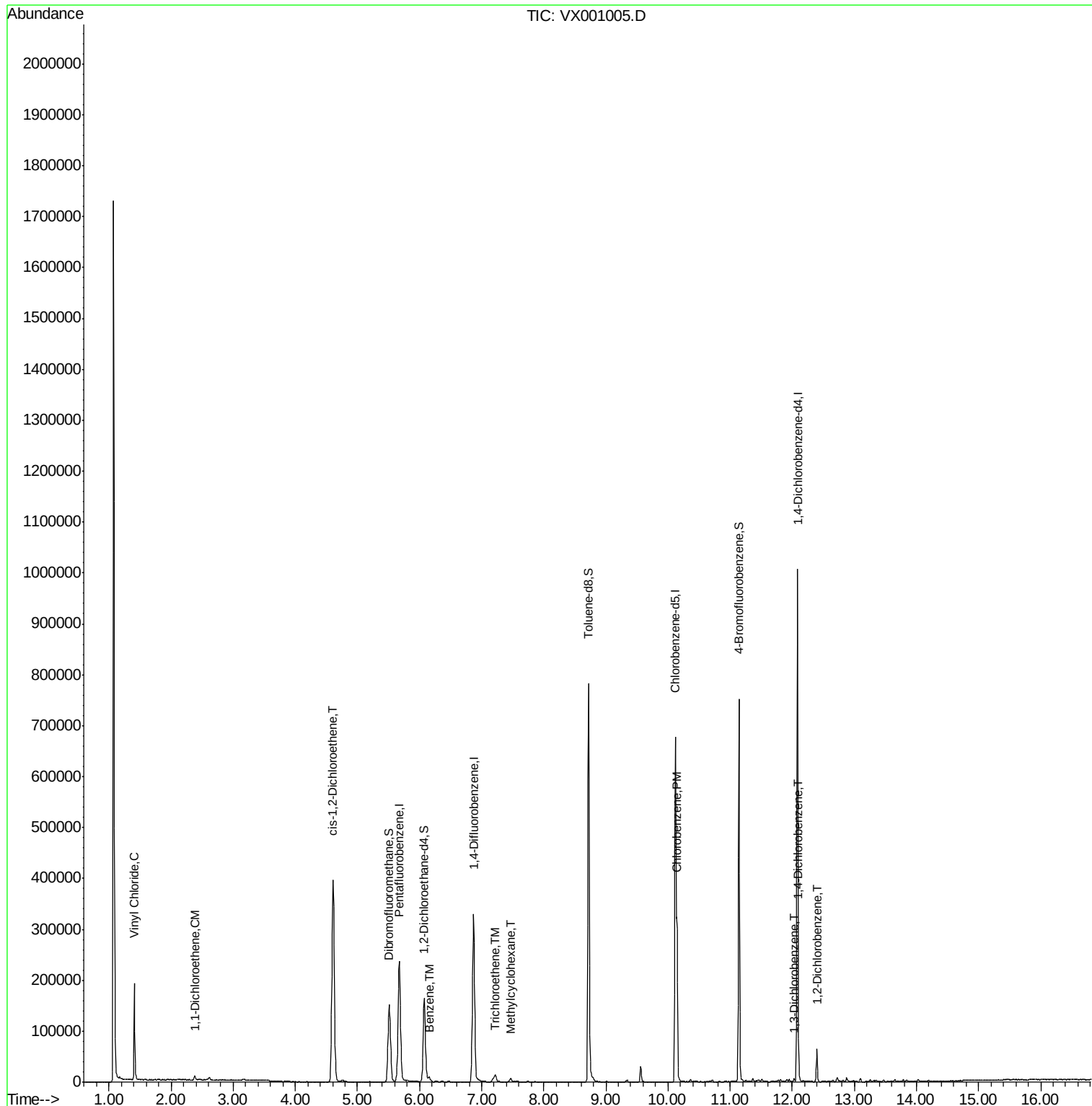
Data File : VX001005.D
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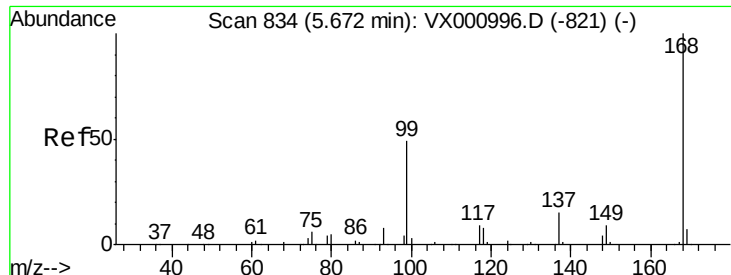
Instrument :
MSVOA_X
ClientSampleId :
LF012RW162-180411

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Quant Time: Apr 21 06:49:06 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001005.D

Acq: 20 Apr 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

LF012RW162-180411

Tgt Ion: 168 Resp: 252118

Ion Ratio Lower Upper

168 100

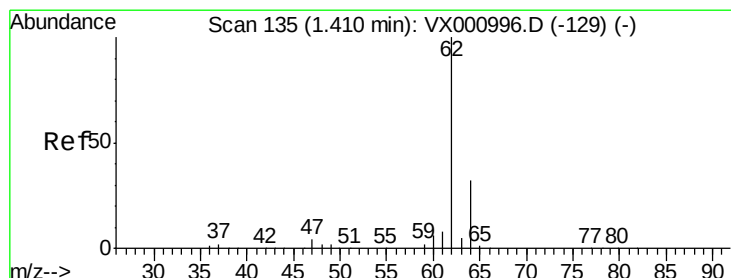
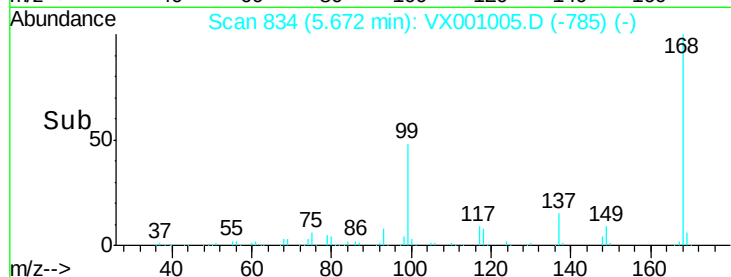
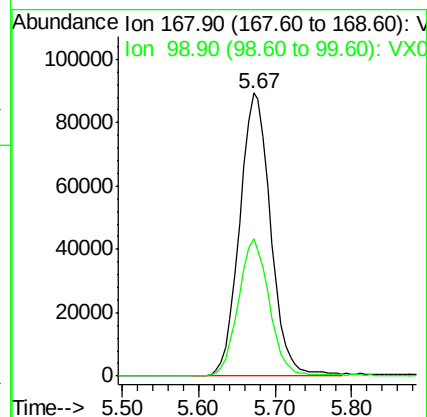
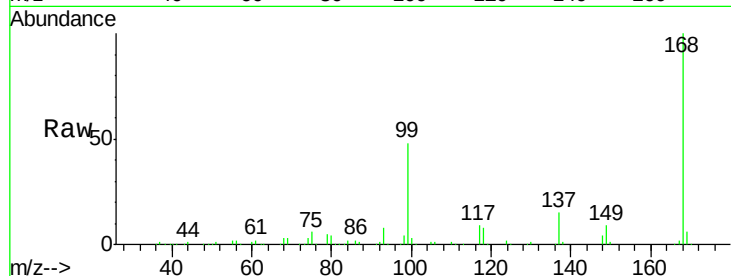
99 48.5 39.2 58.8

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#4

Vinyl Chloride

Concen: 40.69 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX001005.D

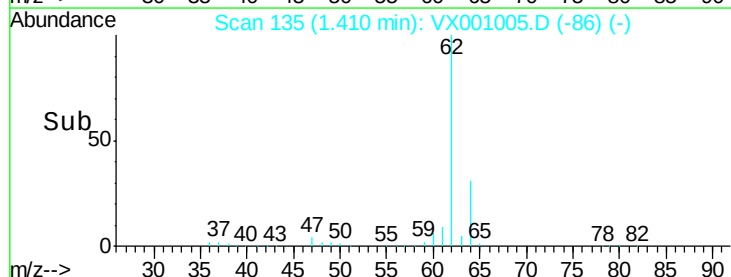
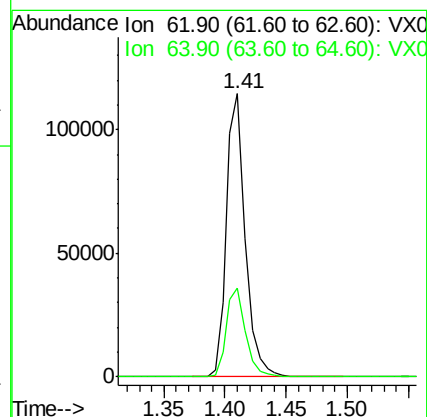
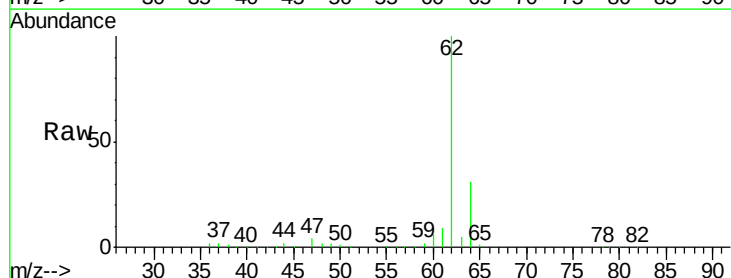
Acq: 20 Apr 2018 13:45

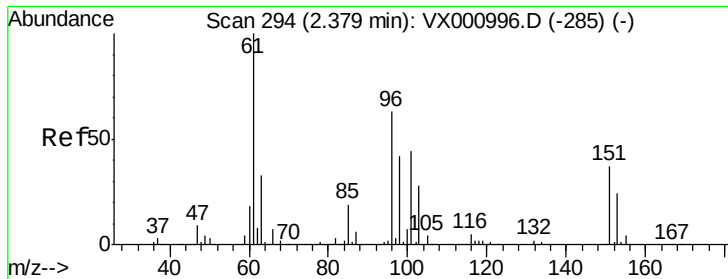
Tgt Ion: 62 Resp: 122802

Ion Ratio Lower Upper

62 100

64 31.4 25.6 38.4





#12

1,1-Dichloroethene

Concen: 1.10 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX001005.D

Acq: 20 Apr 2018 13:45

Instrument :

MSVOA_X

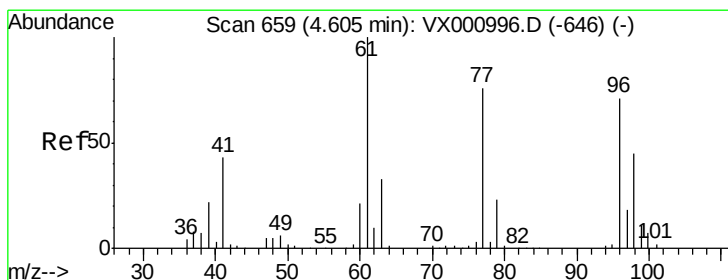
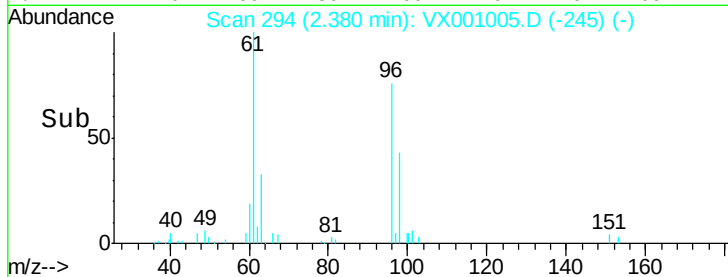
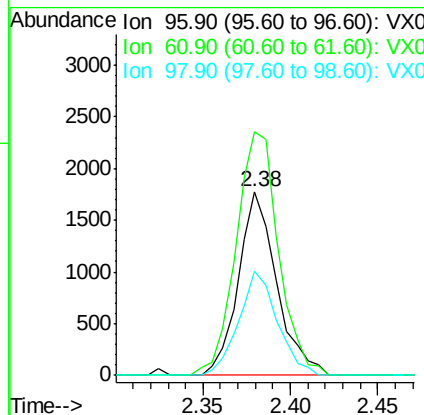
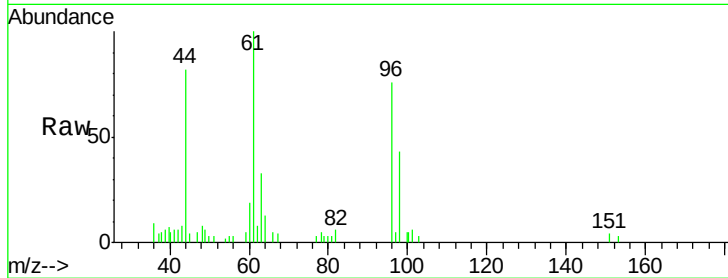
ClientSampleId :

LF012RW162-180411

Tgt Ion:	96	Resp:	2702
Ion	Ratio	Lower	Upper
96	100		
61	132.4	126.4	189.6
98	56.4	52.6	78.8

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#27

cis-1,2-Dichloroethene

Concen: 83.69 ug/l

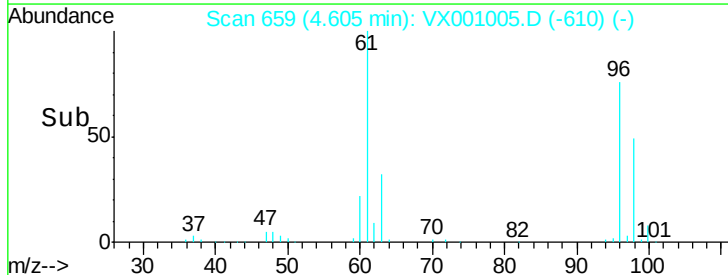
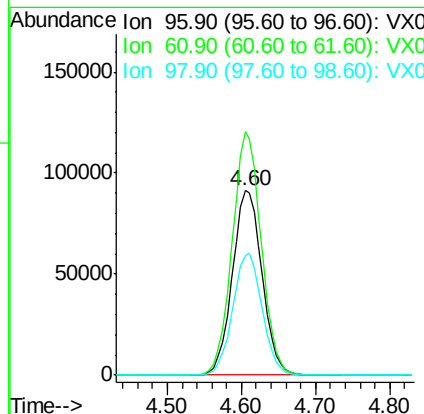
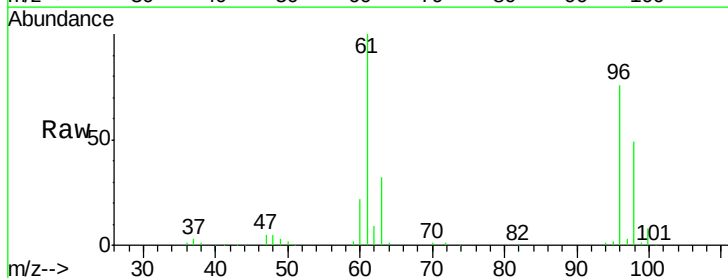
RT: 4.60 min Scan# 659

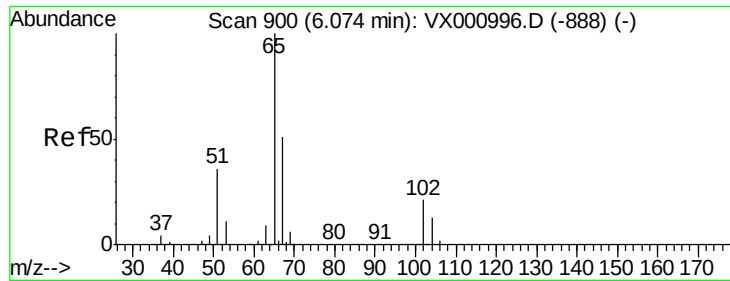
Delta R.T. 0.00 min

Lab File: VX001005.D

Acq: 20 Apr 2018 13:45

Tgt Ion:	96	Resp:	254942
Ion	Ratio	Lower	Upper
96	100		
61	129.2	0.0	297.0
98	65.4	0.0	130.0





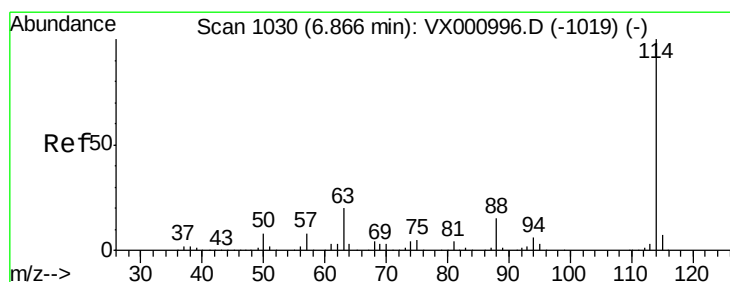
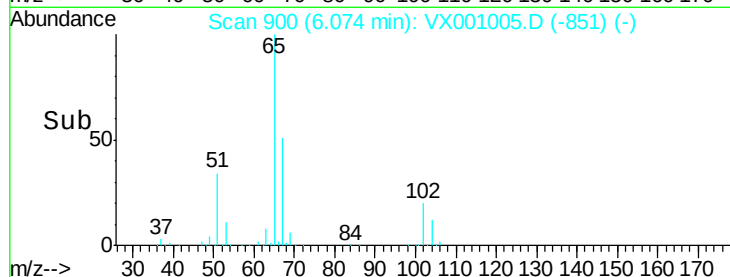
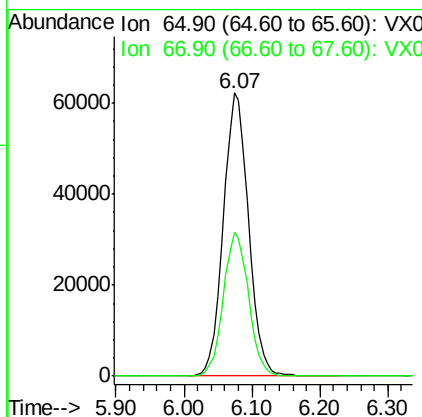
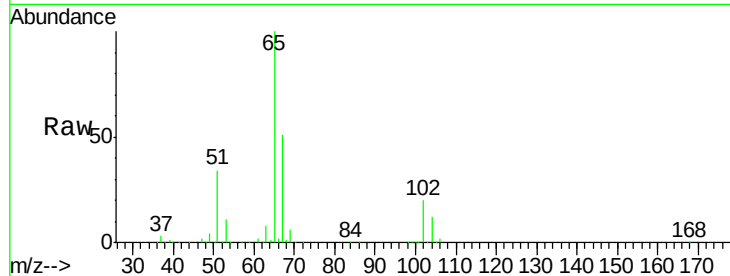
#33
 1,2-Dichloroethane-d4
 Concen: 49.96 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001005.D
 Acq: 20 Apr 2018 13:45

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion: 65 Resp: 159670
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 102.6

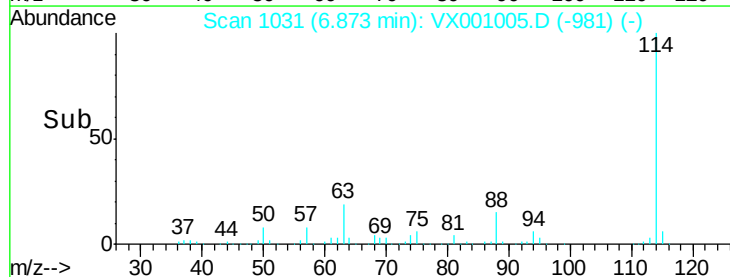
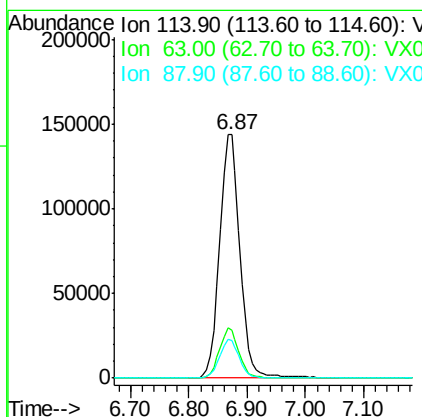
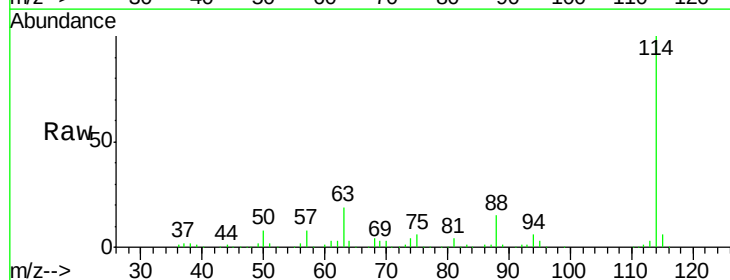
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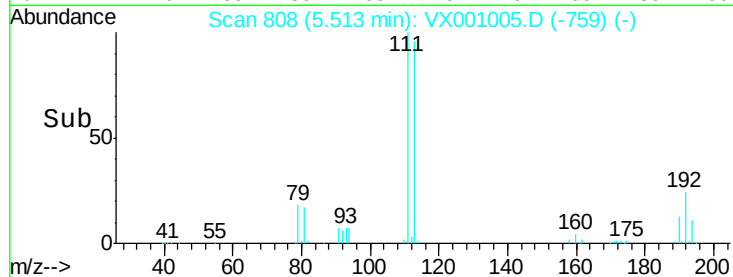
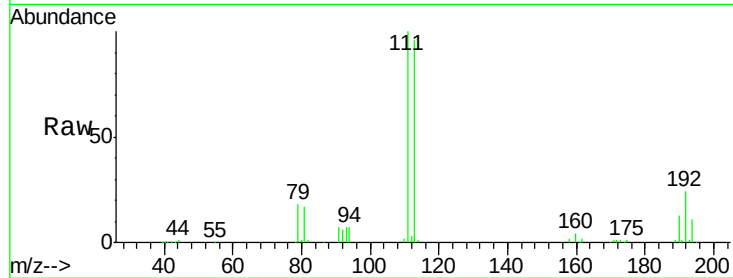
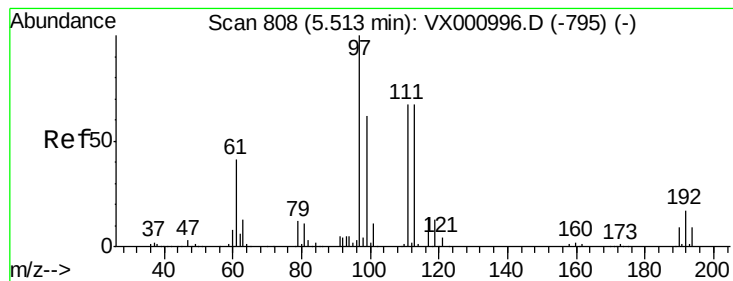
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001005.D
 Acq: 20 Apr 2018 13:45

Tgt Ion: 114 Resp: 348639
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.4
 88 15.4 0.0 29.8





#35

Dibromofluoromethane

Concen: 46.96 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001005.D

Acq: 20 Apr 2018 13:45

Tgt Ion:	113	Resp:	124842
Ion Ratio	Lower	Upper	
113	100		
111	102.3	81.4	122.2
192	25.4	20.4	30.6

Instrument :

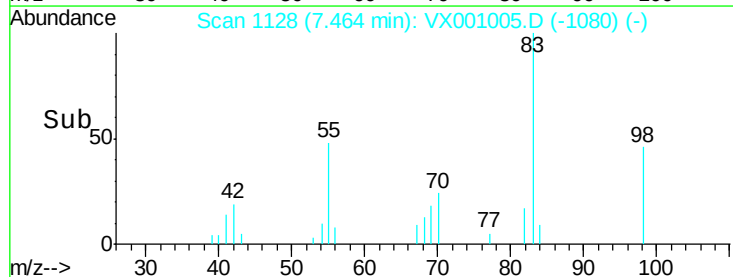
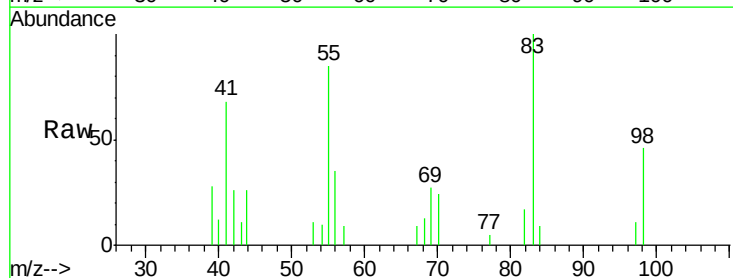
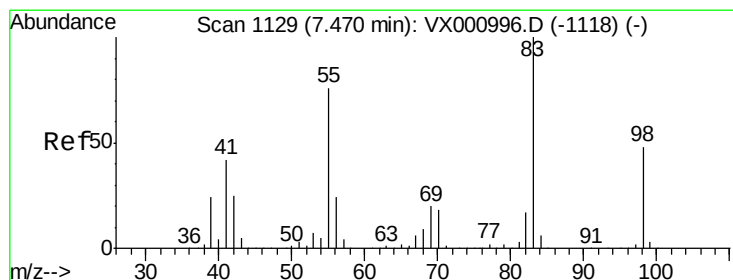
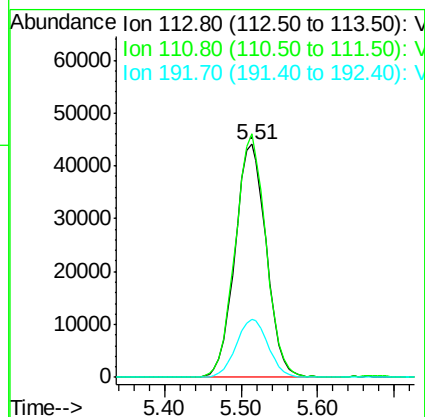
MSVOA_X

ClientSampleId :

LF012RW162-180411

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#39

Methylcyclohexane

Concen: 0.61 ug/l

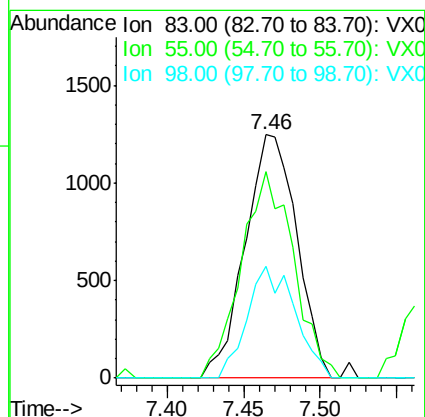
RT: 7.46 min Scan# 1128

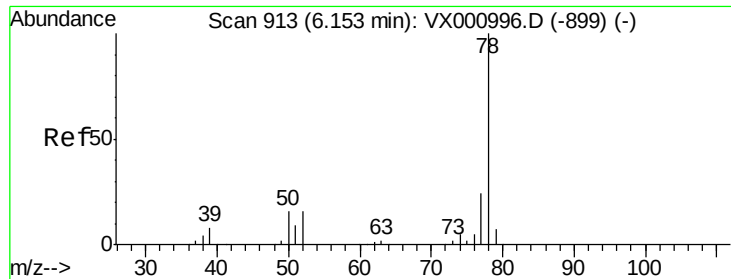
Delta R.T. -0.01 min

Lab File: VX001005.D

Acq: 20 Apr 2018 13:45

Tgt Ion:	83	Resp:	2931
Ion Ratio	Lower	Upper	
83	100		
55	84.7	60.6	91.0
98	46.0	38.2	57.4





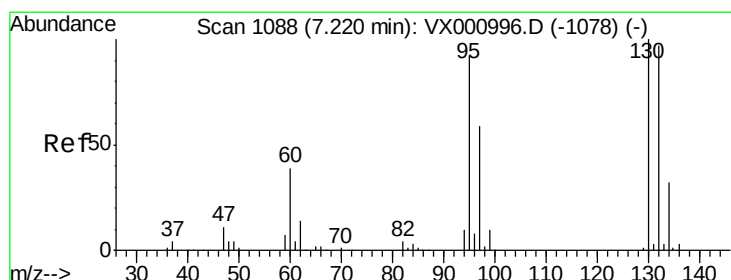
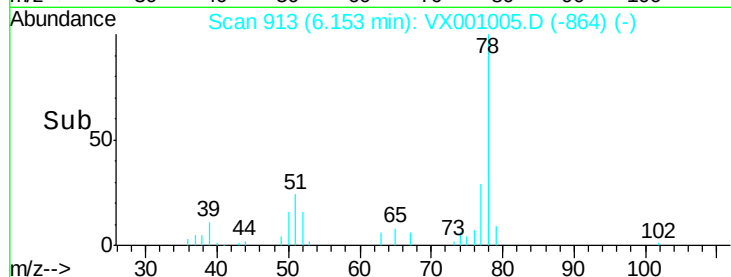
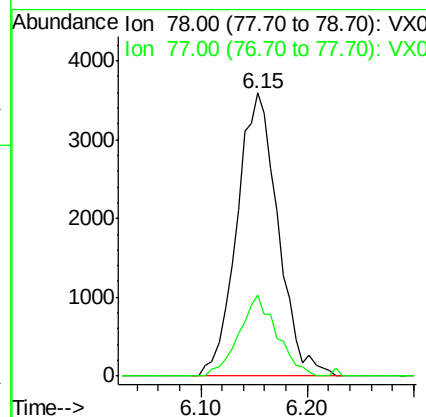
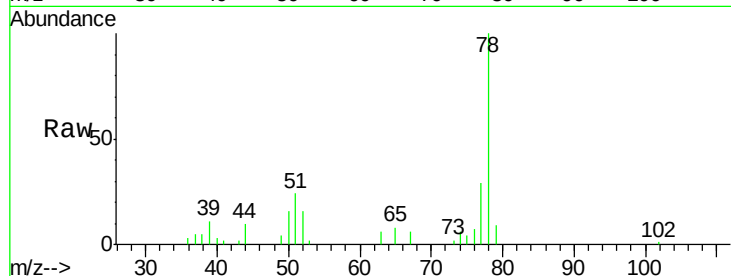
#40
Benzene
Concen: 0.85 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX001005.D
Acq: 20 Apr 2018 13:45

Instrument :
MSVOA_X
ClientSampleId :
LF012RW162-180411

Tgt Ion: 78 Resp: 9729
Ion Ratio Lower Upper
78 100
77 28.9 18.9 28.3#

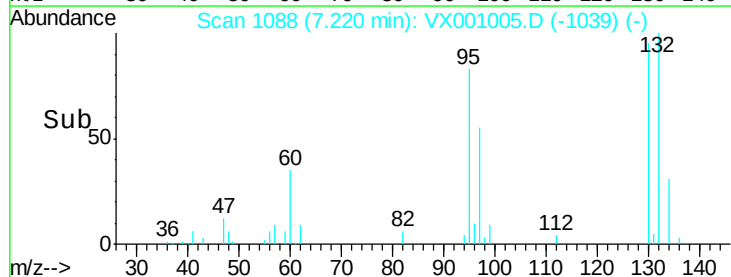
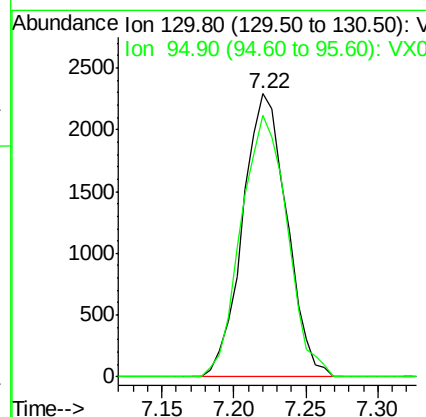
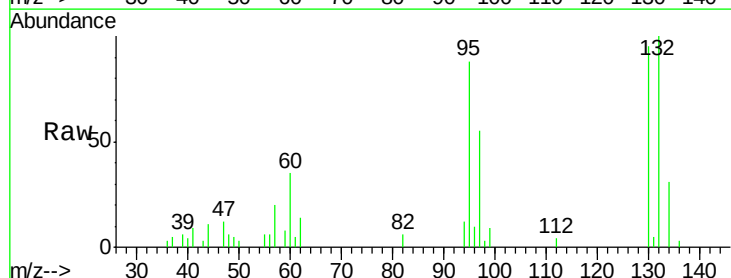
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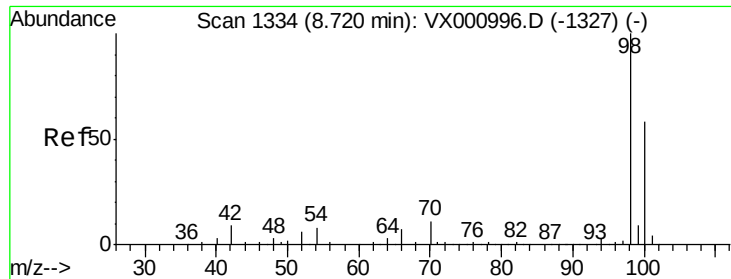
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#44
Trichloroethene
Concen: 1.40 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX001005.D
Acq: 20 Apr 2018 13:45

Tgt Ion: 130 Resp: 4864
Ion Ratio Lower Upper
130 100
95 92.3 0.0 184.2





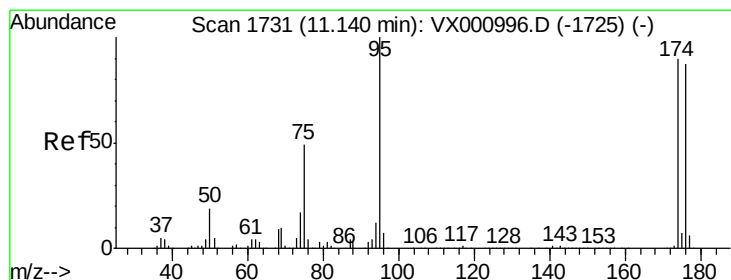
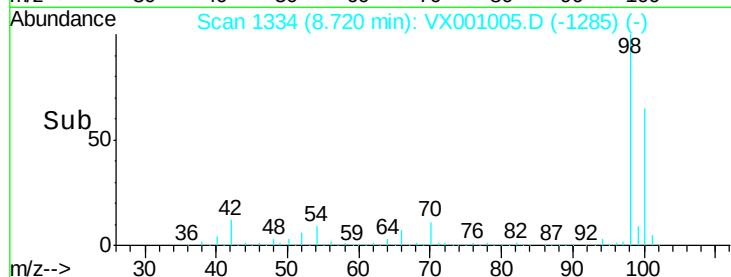
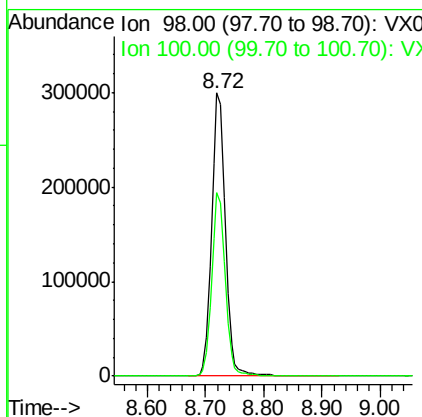
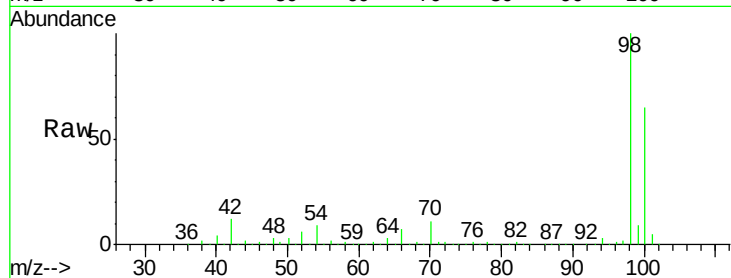
#50
Toluene-d8
Concen: 49.89 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001005.D
Acq: 20 Apr 2018 13:45

Instrument :
MSVOA_X
ClientSampleId :
LF012RW162-180411

Tgt Ion: 98 Resp: 490381
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9

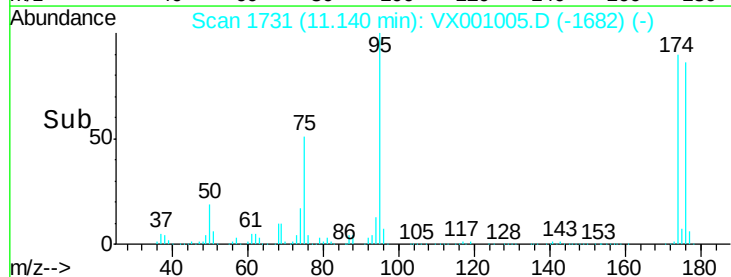
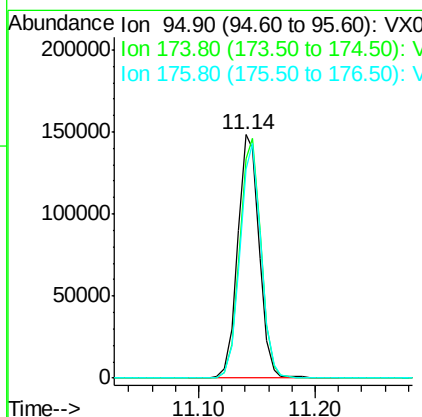
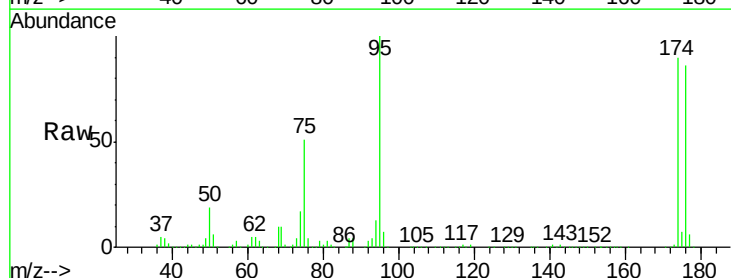
Manual Integrations
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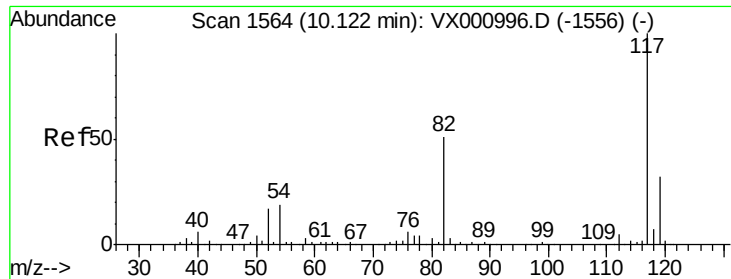
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#62
4-Bromofluorobenzene
Concen: 46.22 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001005.D
Acq: 20 Apr 2018 13:45

Tgt Ion: 95 Resp: 190691
Ion Ratio Lower Upper
95 100
174 97.3 0.0 198.4
176 94.1 0.0 192.0





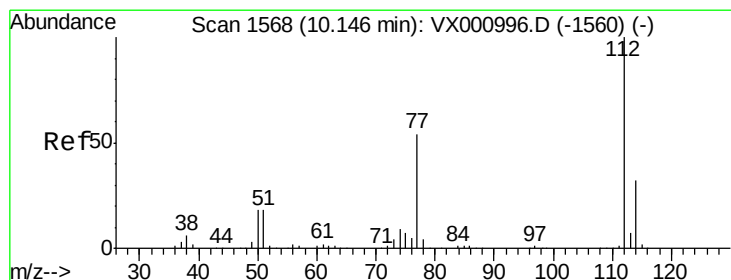
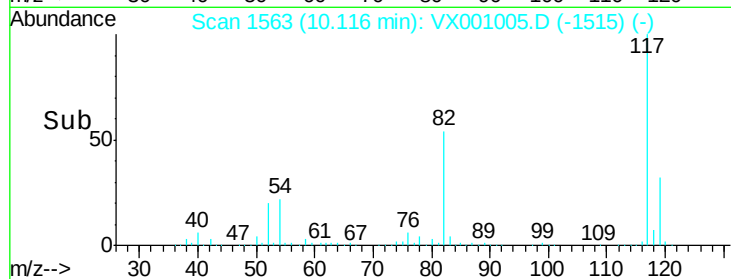
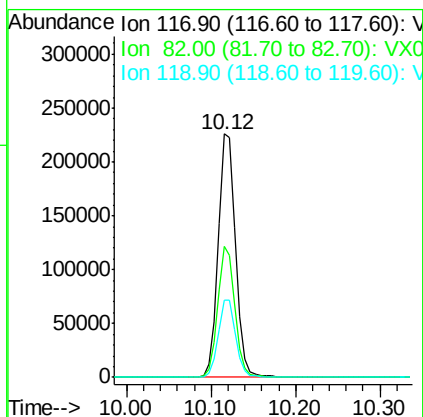
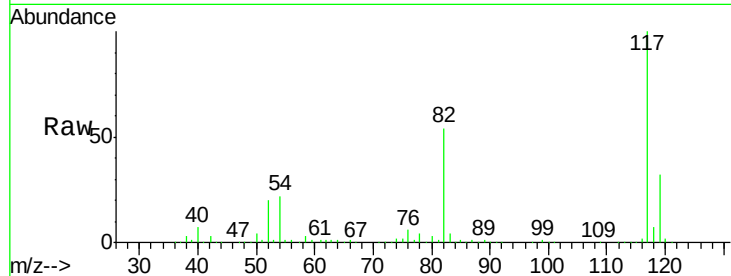
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001005.D
Acq: 20 Apr 2018 13:45

Instrument :
MSVOA_X
ClientSampleId :
LF012RW162-180411

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.0	40.6	60.8
119	31.8	26.0	39.0

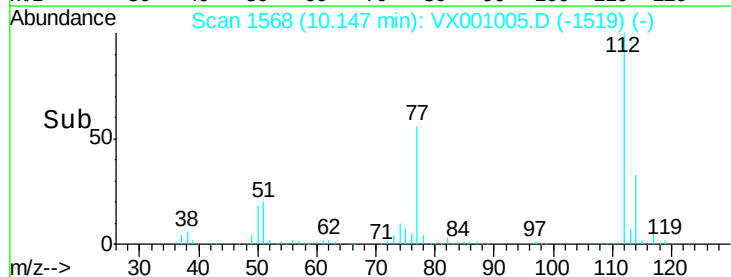
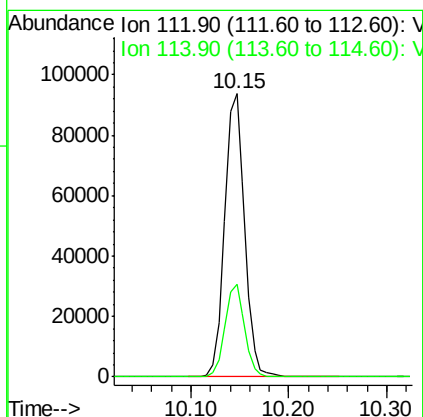
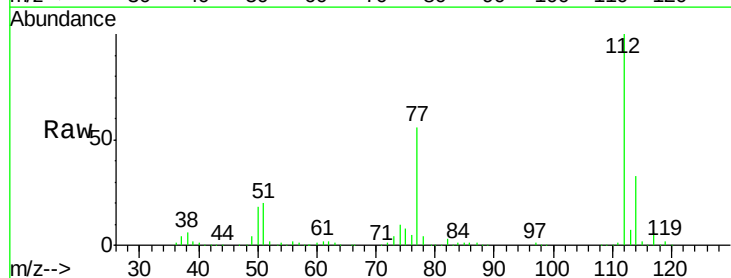
Manual Integrations
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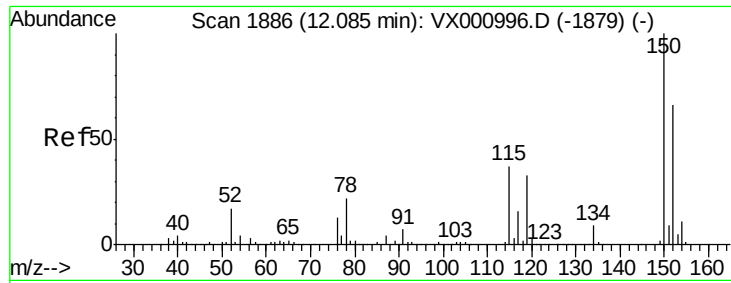
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#65
Chlorobenzene
Concen: 15.34 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001005.D
Acq: 20 Apr 2018 13:45

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.7	25.5	38.3





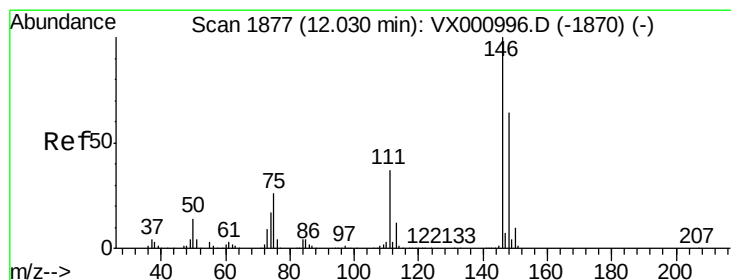
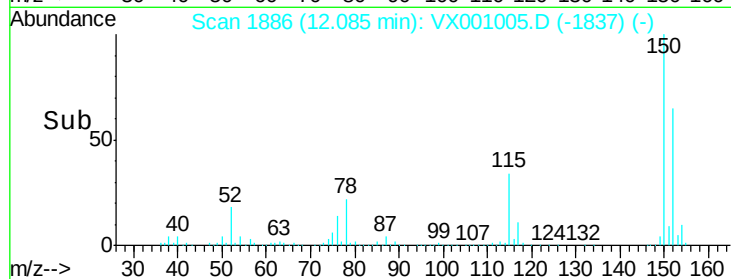
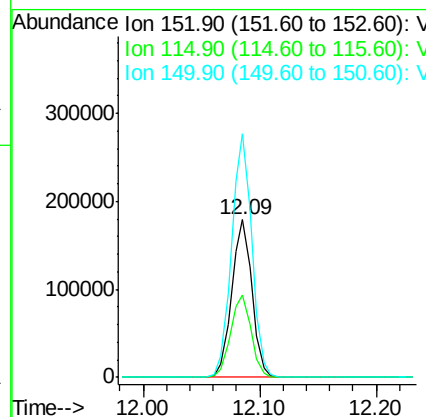
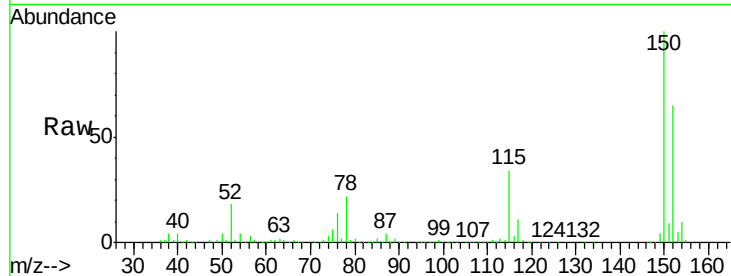
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX001005.D
 Acq: 20 Apr 2018 13:45

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012RW162-180411

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	214351		
115	53.3	38.2	114.6	
150	154.6	0.0	350.4	

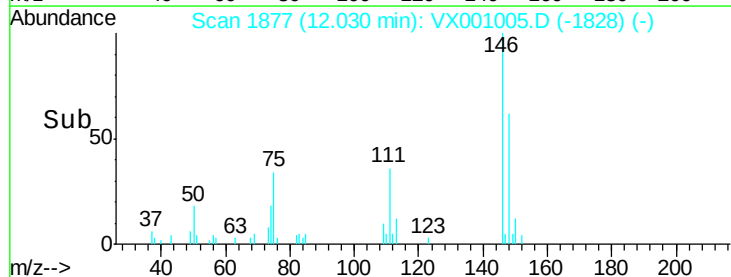
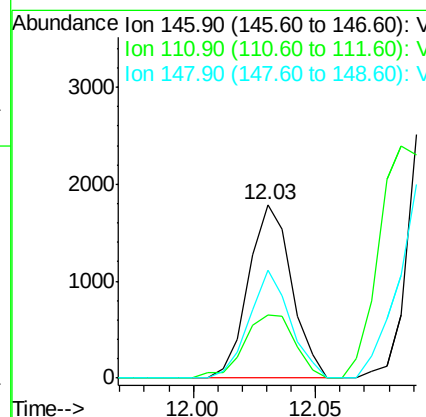
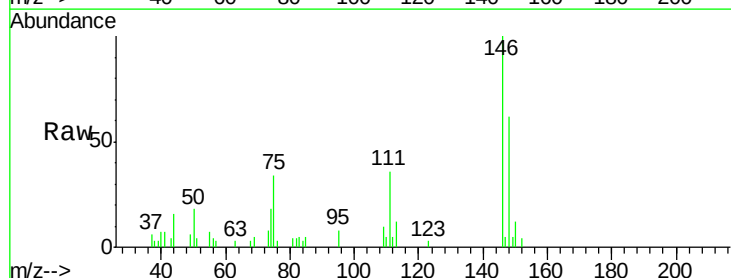
Manual Integrations
 APPROVED

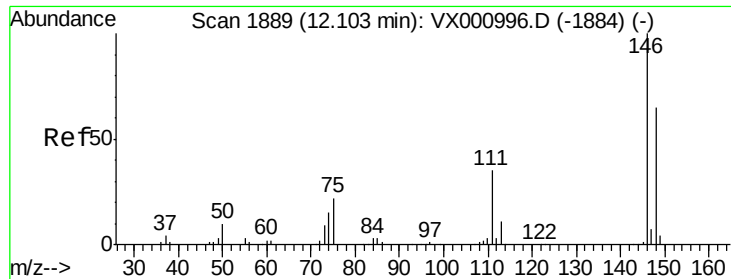
MMDadoda
 4/23/2018 1:27:38 PM



#87
 1,3-Dichlorobenzene
 Concen: 0.29 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001005.D
 Acq: 20 Apr 2018 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	2183		
111	43.5	18.3	54.8	
148	59.5	32.2	96.6	





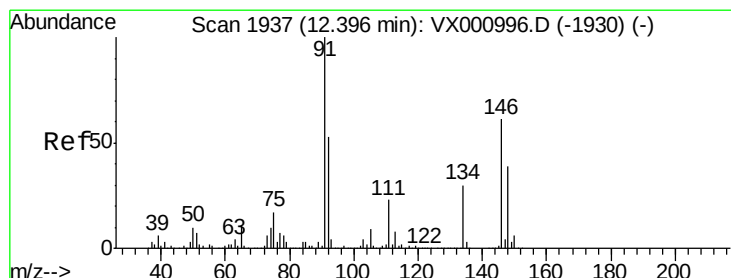
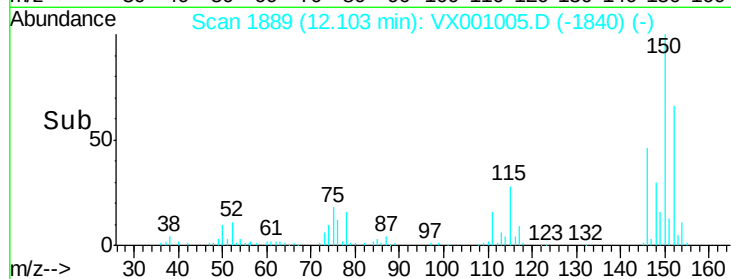
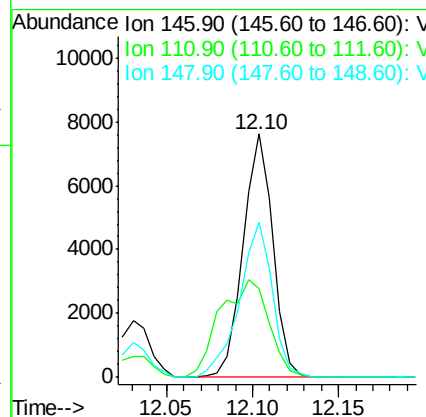
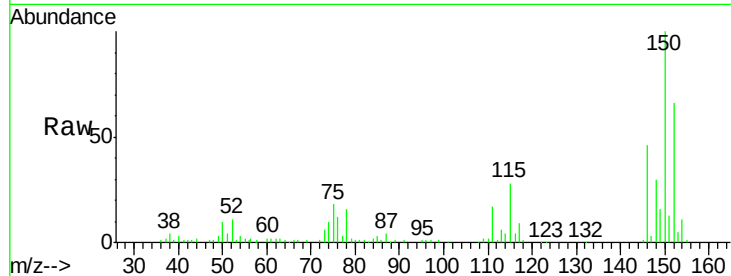
#88
 1,4-Dichlorobenzene
 Concen: 1.17 ug/l m
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001005.D
 Acq: 20 Apr 2018 13:45

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012RW162-180411

Tgt Ion	Ratio	Lower	Upper
146	100		
111	10.4	18.0	54.0#
148	14.2	32.4	97.0#

Manual Integrations
 APPROVED

MMDadoda
 4/23/2018 1:27:38 PM



#91
 1,2-Dichlorobenzene
 Concen: 2.48 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001005.D
 Acq: 20 Apr 2018 13:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.6	56.0
148	64.2	32.3	96.8

