

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042718\
 Data File : VX001201.D
 Acq On : 28 Apr 2018 05:15
 Operator : JC/MD
 Sample : J2507-06 200X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW009-180419

Manual Integrations
 APPROVED

MMDadoda
 4/30/2018 6:04:42 PM

Quant Time: Apr 28 07:00:00 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 27 01:51:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	200776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	274811	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	247549	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	143793	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	154524	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
35) Dibromofluoromethane	5.51	113	121353	53.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.70%	
50) Toluene-d8	8.72	98	456003	53.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.24%	
62) 4-Bromofluorobenzene	11.14	95	154246	46.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.00%	
Target Compounds						
4) Vinyl Chloride	1.40	62	86936	37.16	ug/l	Qvalue 100
21) trans-1,2-Dichloroethene	3.17	96	9516	4.24	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	1011002	411.41	ug/l	89
42) 1,2-Dichloroethane	6.20	62	2176	0.62	ug/l	99
44) Trichloroethene	7.22	130	2660	1.02	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	1832	0.76	ug/l #	87
65) Chlorobenzene	10.15	112	4315	0.67	ug/l #	87
87) 1,3-Dichlorobenzene	12.03	146	1786	0.36	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	7607m	1.46	ug/l	
91) 1,2-Dichlorobenzene	12.40	146	54915	10.89	ug/l	98

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

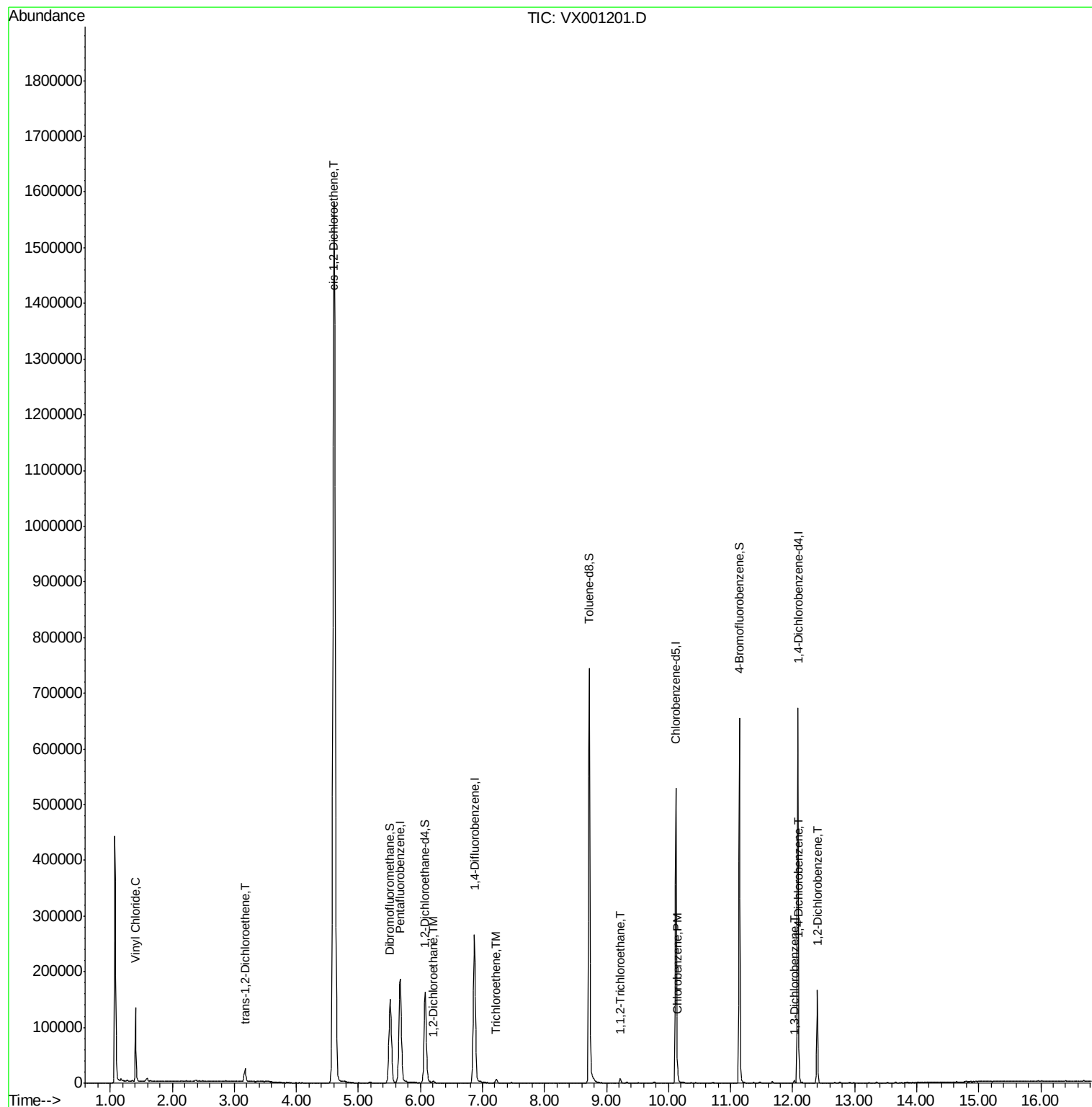
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042718\
Data File : VX001201.D
Acq On : 28 Apr 2018 05:15
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Sample : J2507-06 200X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 41 Sample Multiplier: 1

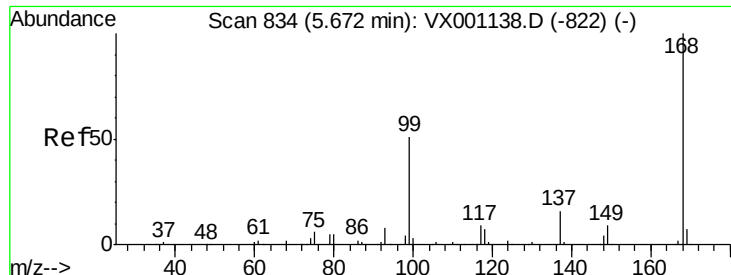
Instrument :
MSVOA_X
ClientSampleId :
SS043MW009-180419

Manual Integrations
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4/30/2018 6:04:42 PM

Quant Time: Apr 28 07:00:00 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 27 01:51:42 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: VX001201.D

Acq: 28 Apr 2018 05:15

Instrument :

MSVOA_X

ClientSampleId :

SS043MW009-180419

Tot Ion:168 Resp: 200776

Ion Ratio Lower Upper

168 100

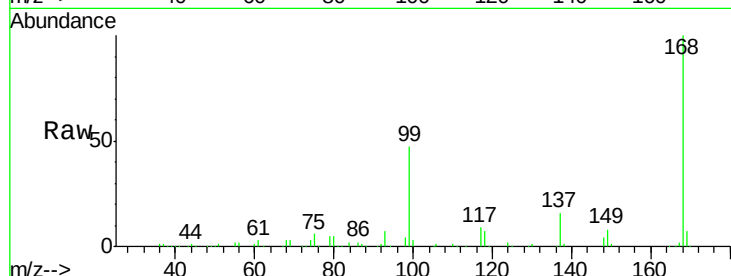
99 47.2 40.6 60.8

Manual Integrations

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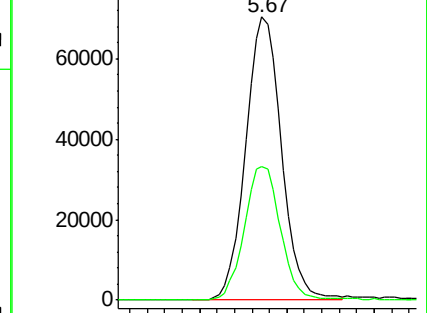
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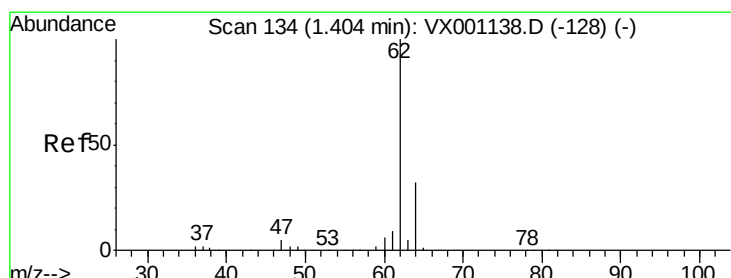
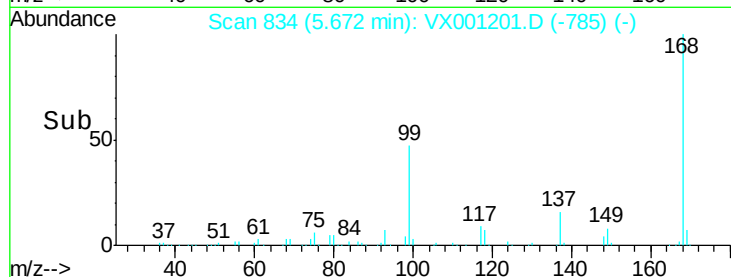


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 37.16 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001201.D

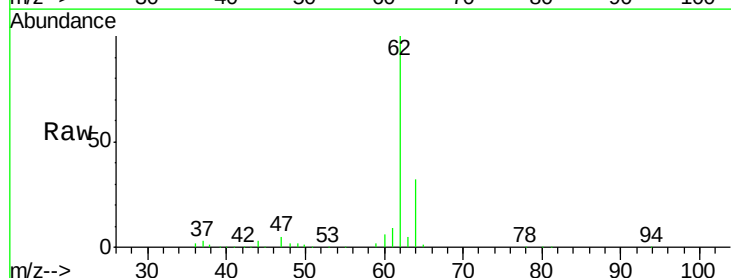
Acq: 28 Apr 2018 05:15

Tgt Ion: 62 Resp: 86936

Ion Ratio Lower Upper

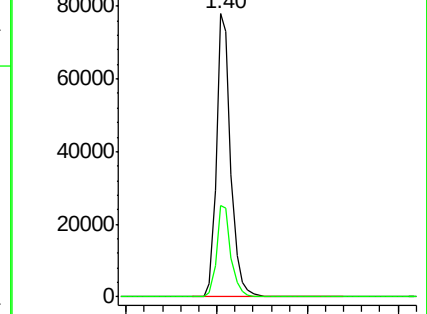
62 100

64 32.1 25.6 38.4

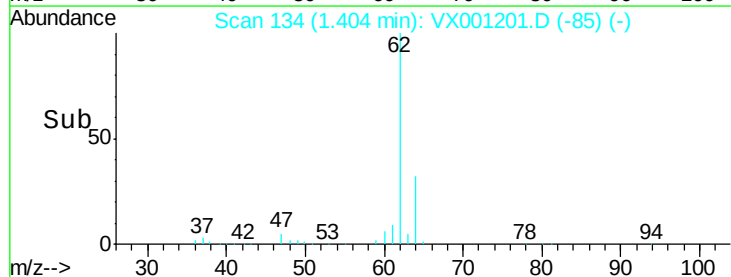


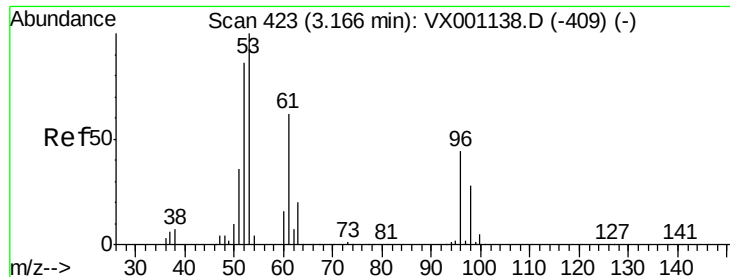
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#21

trans-1,2-Dichloroethene

Concen: 4.24 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001201.D

Acq: 28 Apr 2018 05:15

Instrument :

MSVOA_X

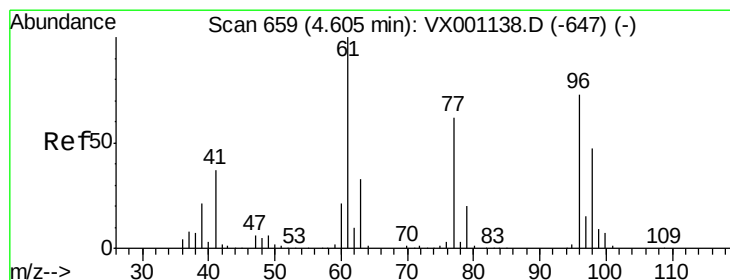
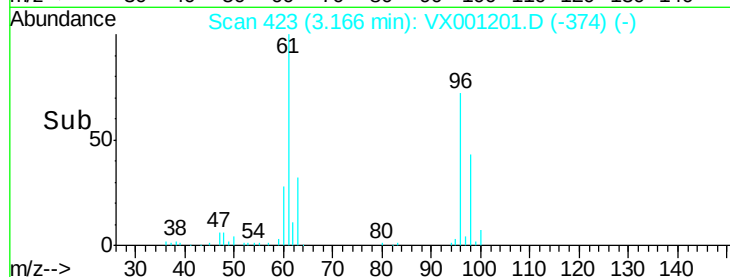
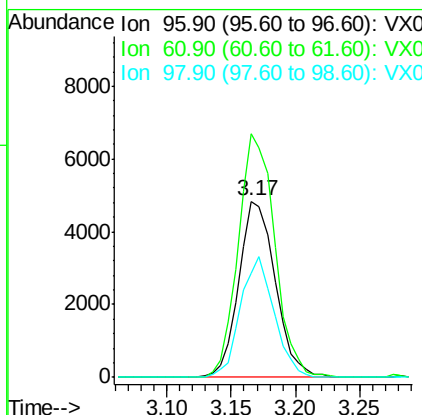
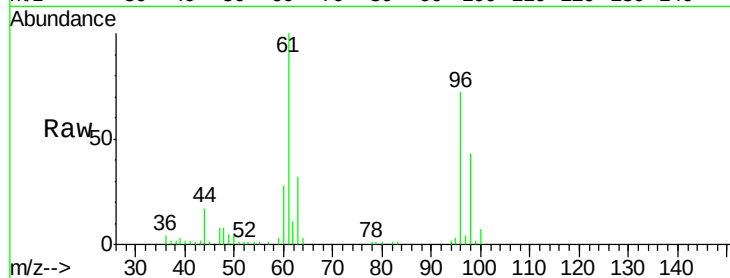
ClientSampleId :

SS043MW009-180419

Tot Ion:	96	Resp:	9516
Ion	Ratio	Lower	Upper
96	100		
61	138.4	111.9	167.9
98	59.5	51.1	76.7

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#27

cis-1,2-Dichloroethene

Concen: 411.41 ug/l

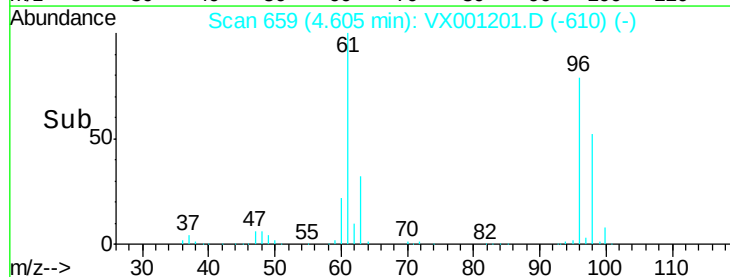
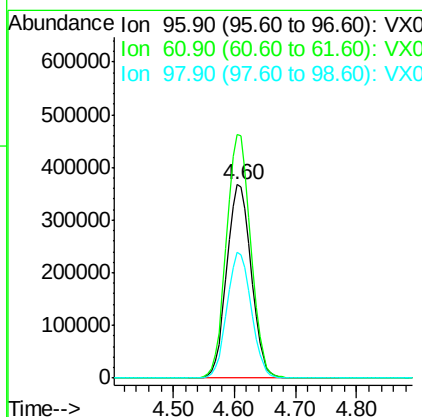
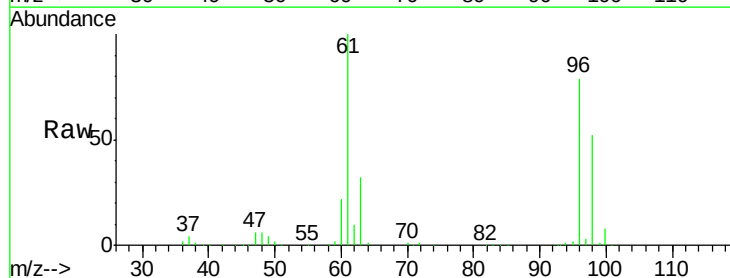
RT: 4.60 min Scan# 659

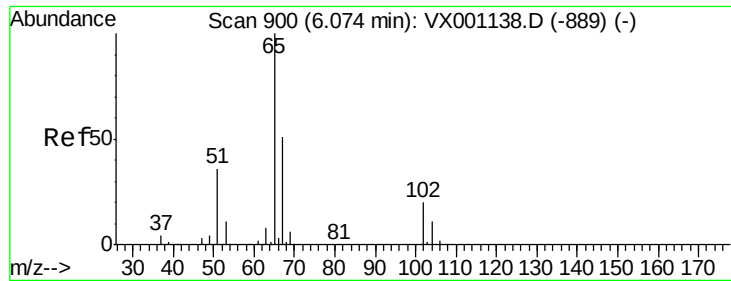
Delta R.T. -0.00 min

Lab File: VX001201.D

Acq: 28 Apr 2018 05:15

Tgt Ion:	96	Resp:	1011002
Ion	Ratio	Lower	Upper
96	100		
61	125.5	0.0	289.0
98	64.5	0.0	128.2





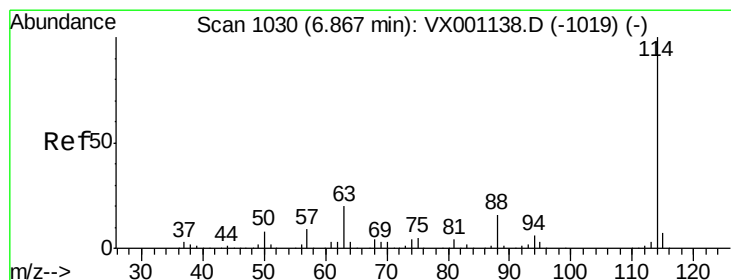
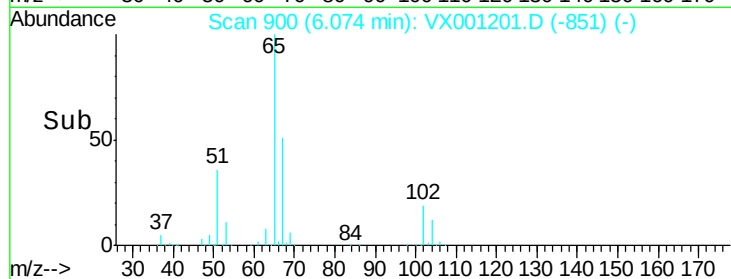
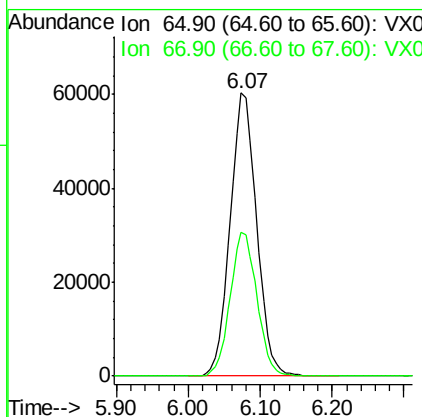
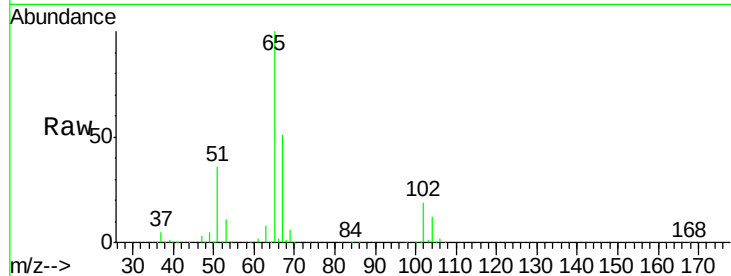
#33
 1,2-Dichloroethane-d4
 Concen: 49.65 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001201.D
 Acq: 28 Apr 2018 05:15

Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW009-180419

Tot Ion	Ratio	Resp	Lower	Upper
65	100	154524		
67	51.3	0.0	102.2	

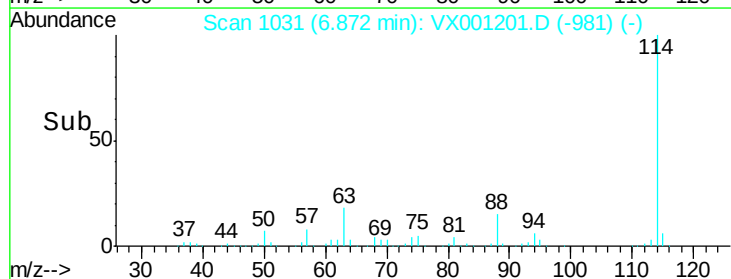
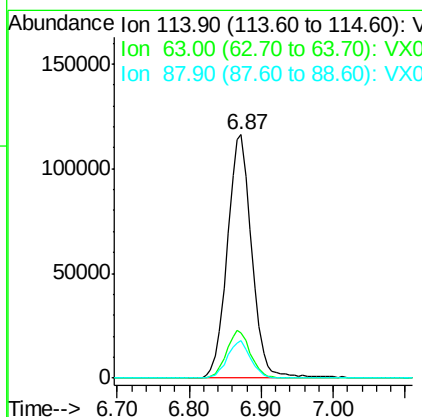
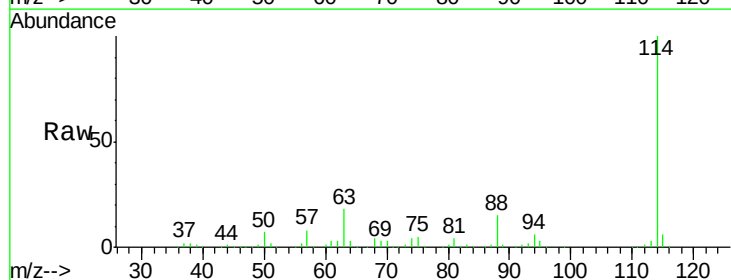
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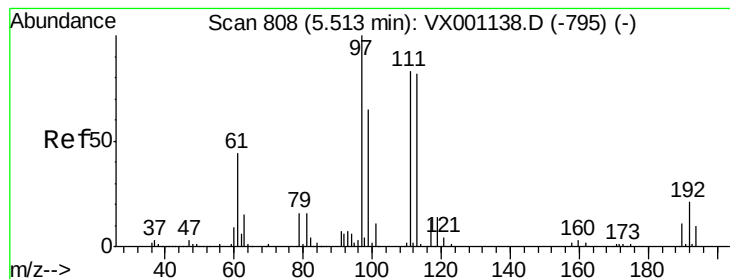
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001201.D
 Acq: 28 Apr 2018 05:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	274811		
63	18.5	0.0	40.4	
88	15.3	0.0	31.8	





#35

Dibromofluoromethane

Concen: 53.35 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001201.D

Acq: 28 Apr 2018 05:15

Instrument :

MSVOA_X

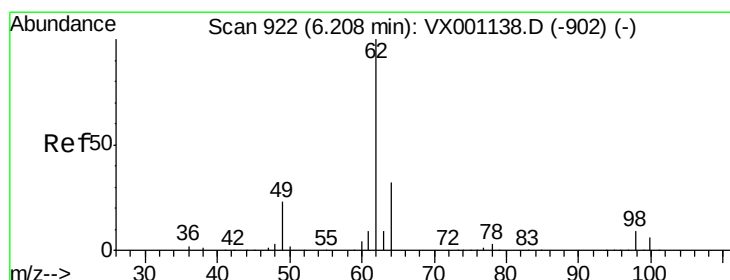
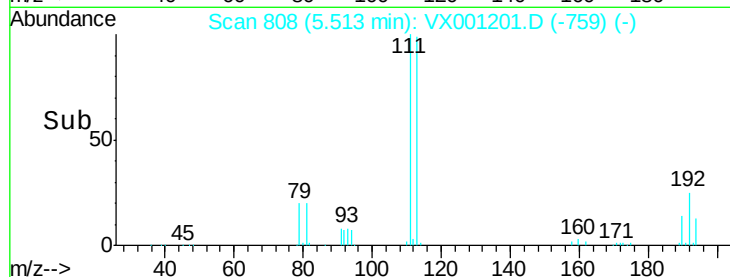
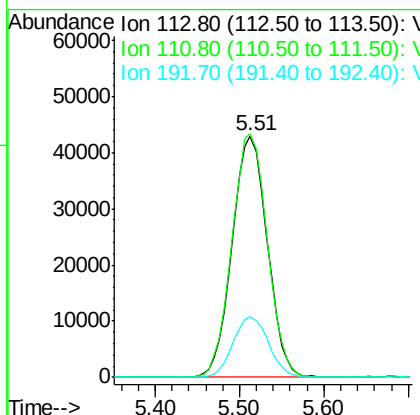
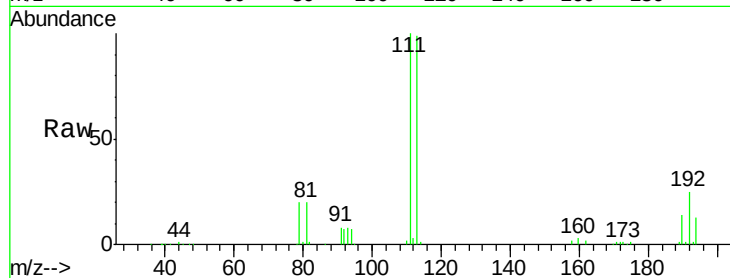
ClientSampleId :

SS043MW009-180419

Tot Ion:	113	Resp:	121353
Ion Ratio	Lower	Upper	
113	100		
111	101.8	82.2	123.4
192	25.5	20.6	30.8

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#42

1,2-Dichloroethane

Concen: 0.62 ug/l

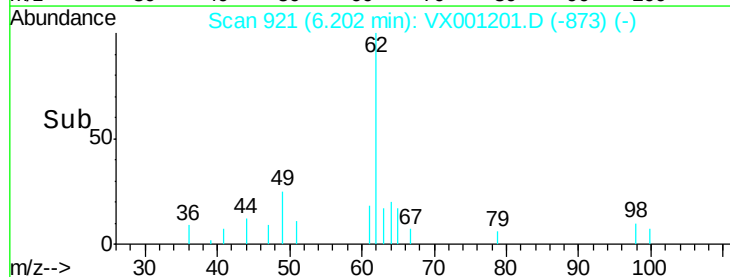
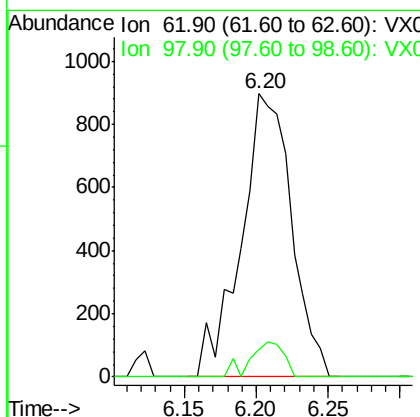
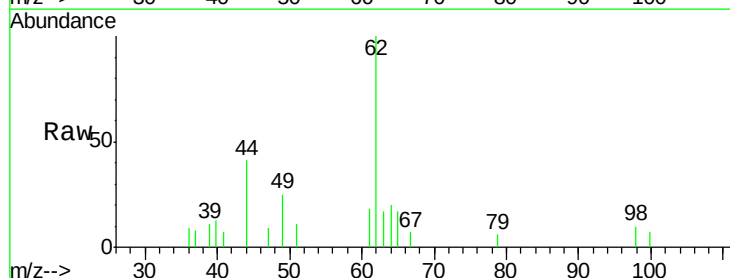
RT: 6.20 min Scan# 921

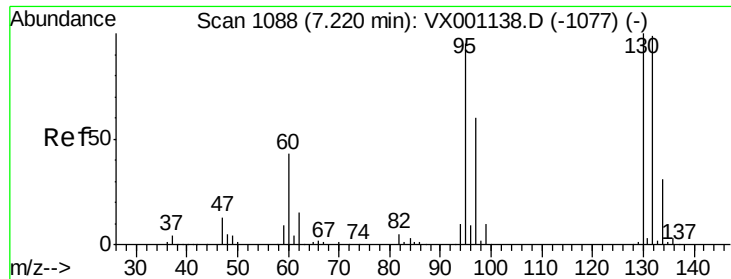
Delta R.T. -0.01 min

Lab File: VX001201.D

Acq: 28 Apr 2018 05:15

Tgt Ion:	62	Resp:	2176
Ion Ratio	Lower	Upper	
62	100		
98	8.2	0.0	17.0





#44

Trichloroethene

Concen: 1.02 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001201.D

Acq: 28 Apr 2018 05:15

Instrument :

MSVOA_X

ClientSampleId :

SS043MW009-180419

Tot Ion:130 Resp: 2660

Ion Ratio Lower Upper

130 100

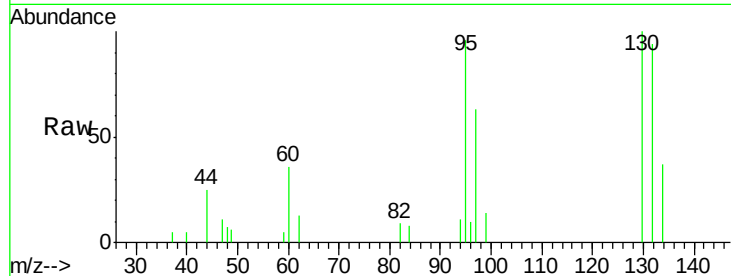
95 95.8 0.0 189.6

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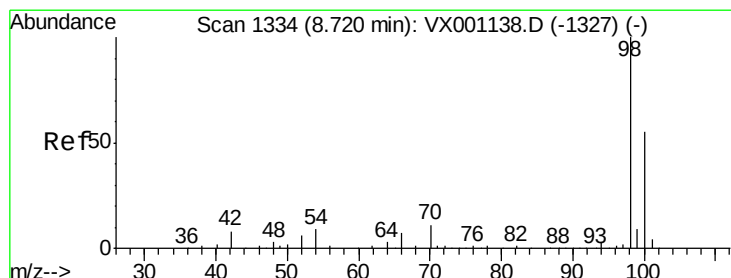
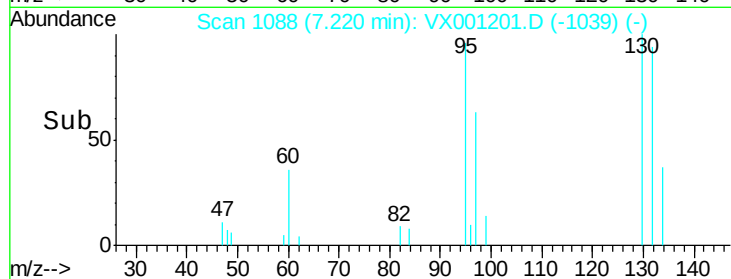
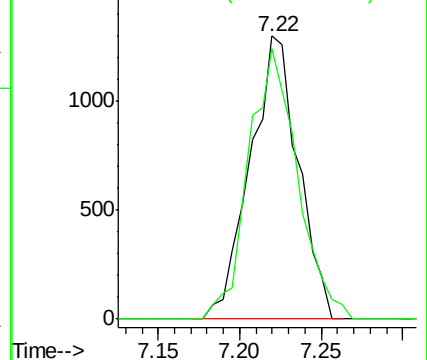
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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 53.12 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001201.D

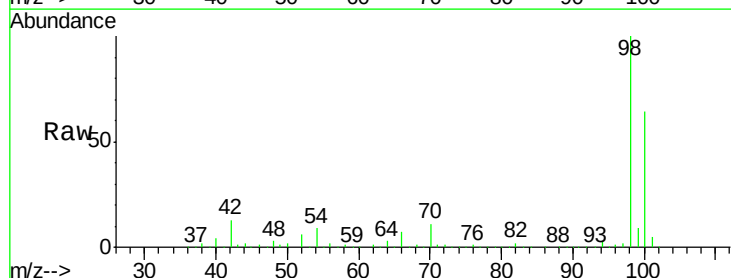
Acq: 28 Apr 2018 05:15

Tgt Ion: 98 Resp: 456003

Ion Ratio Lower Upper

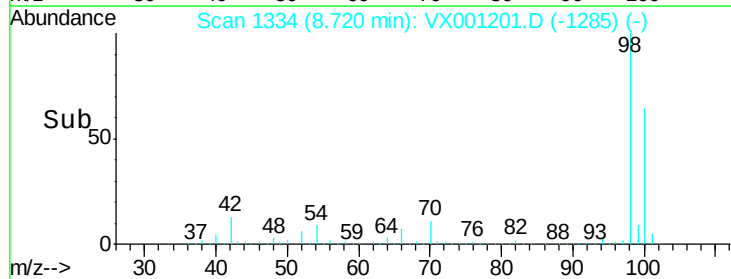
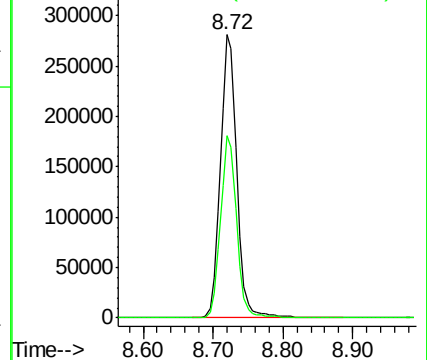
98 100

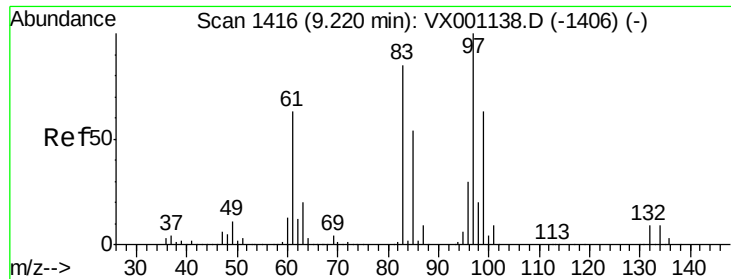
100 63.4 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





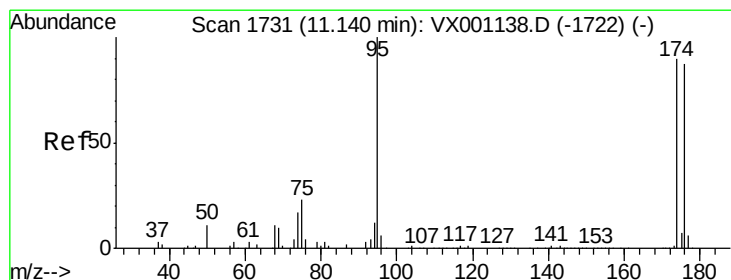
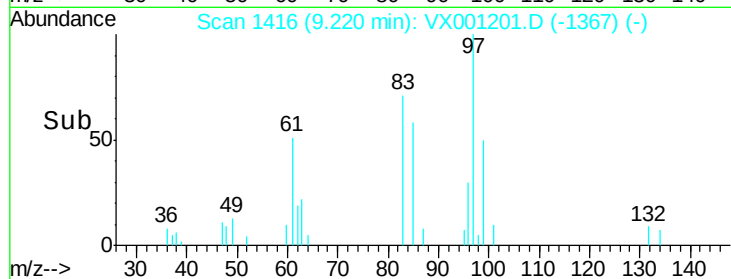
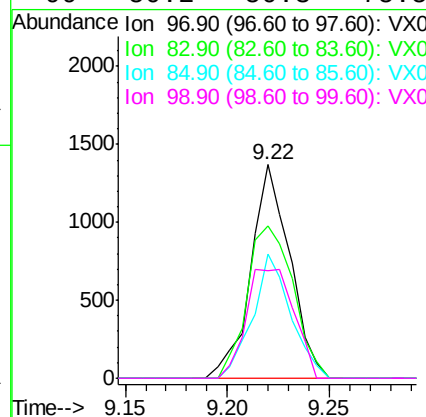
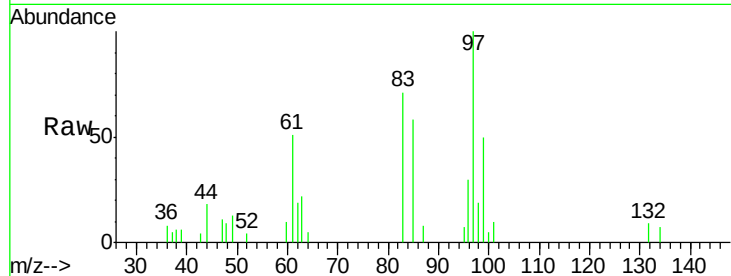
#55
 1,1,2-Trichloroethane
 Concen: 0.76 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001201.D
 Acq: 28 Apr 2018 05:15

Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW009-180419

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		1832		
83	71.5	68.0	102.0		
85	58.4	42.9	64.3		
99	50.2	50.3	75.5		

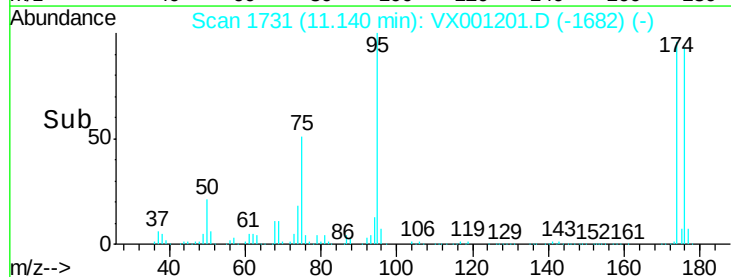
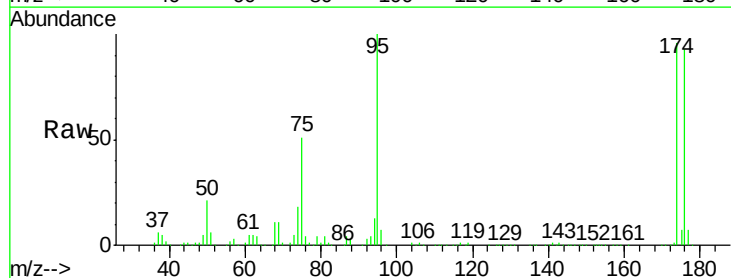
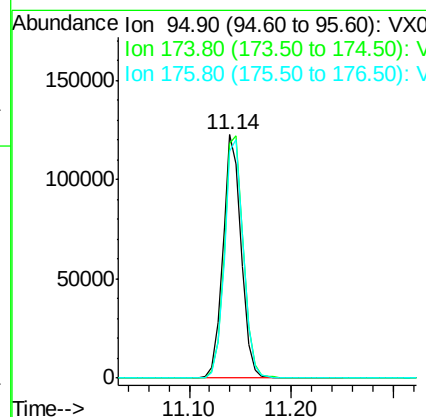
Manual Integrations
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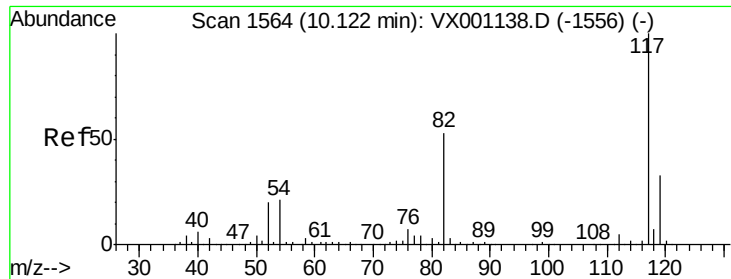
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 4/30/2018 6:04:42 PM



#62
 4-Bromofluorobenzene
 Concen: 46.00 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: VX001201.D
 Acq: 28 Apr 2018 05:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	100		154246		
174	103.0	0.0	194.4		
176	100.5	0.0	190.2		





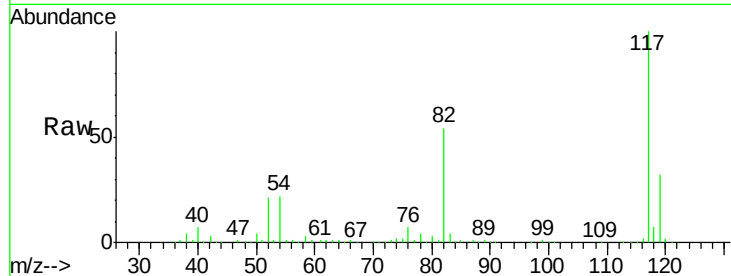
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001201.D
Acq: 28 Apr 2018 05:15

Instrument :
MSVOA_X
ClientSampleId :
SS043MW009-180419

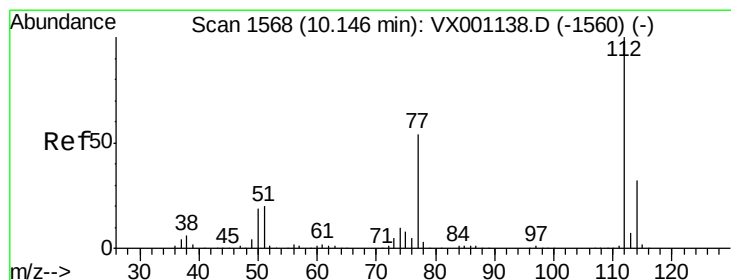
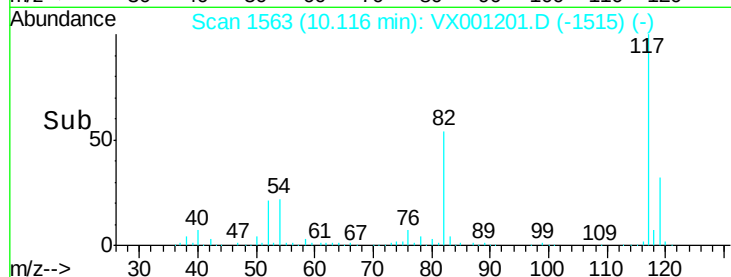
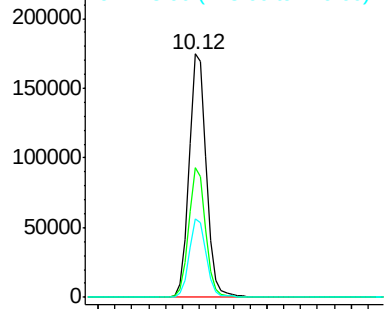
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	42.1	63.1
119	32.1	26.1	39.1

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4/30/2018 6:04:42 PM

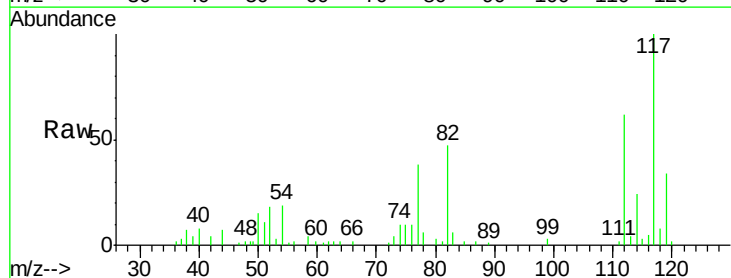


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

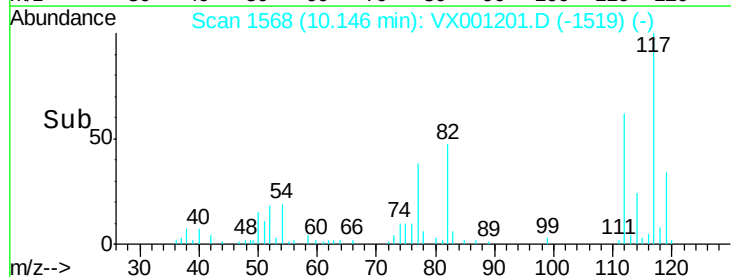
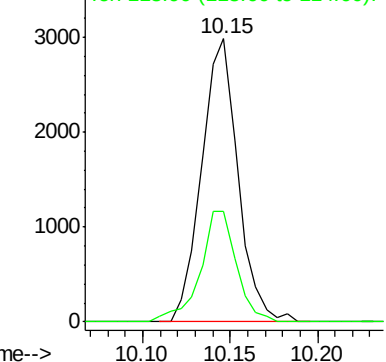


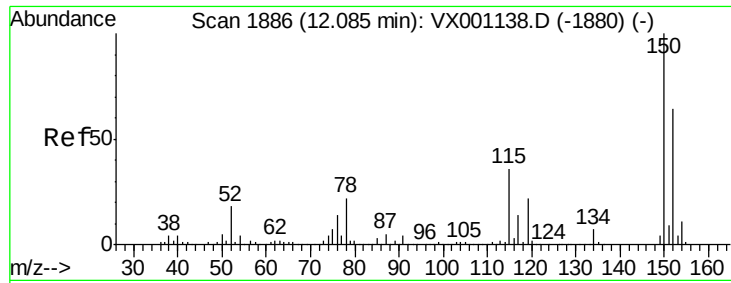
#65
Chlorobenzene
Concen: 0.67 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001201.D
Acq: 28 Apr 2018 05:15

Tgt Ion	Ratio	Lower	Upper
112	100		
114	39.1	25.7	38.5#



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





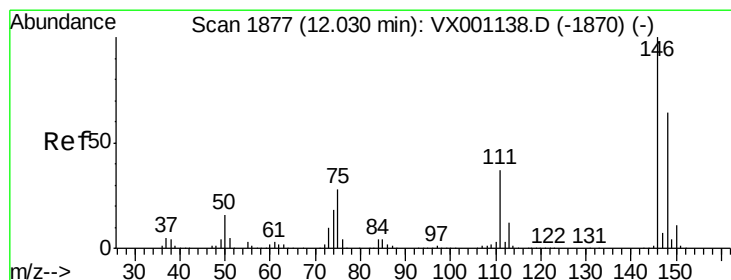
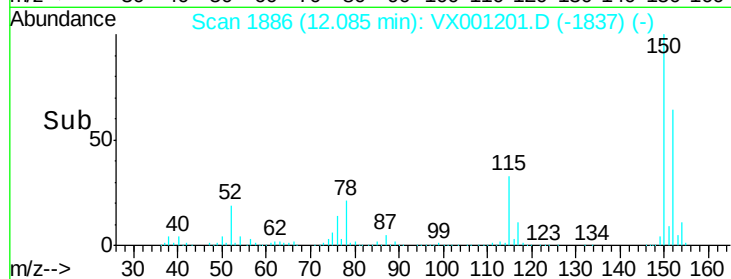
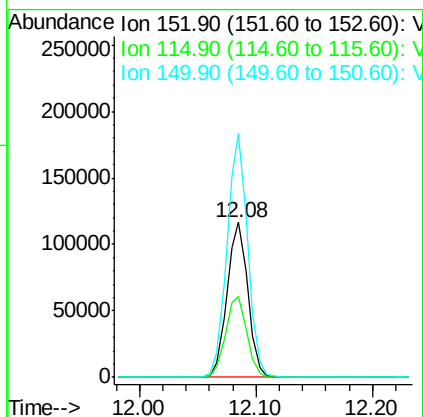
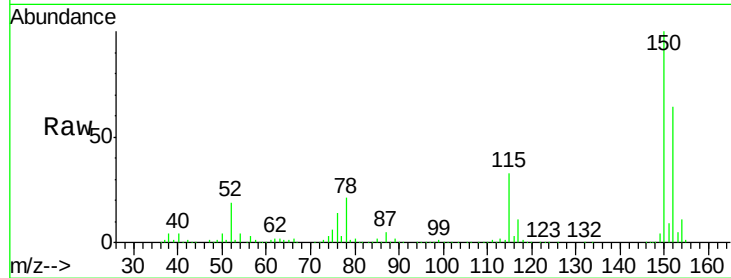
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX001201.D
 Acq: 28 Apr 2018 05:15

Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW009-180419

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.3	38.0	114.0
150	155.6	0.0	349.6

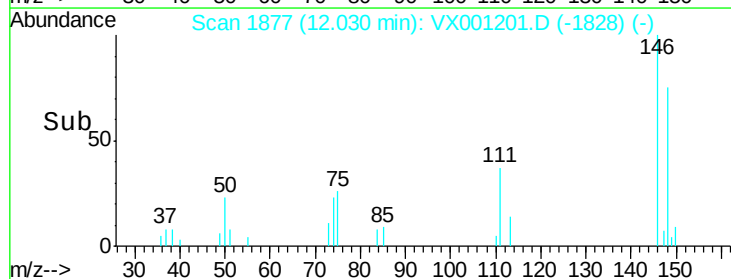
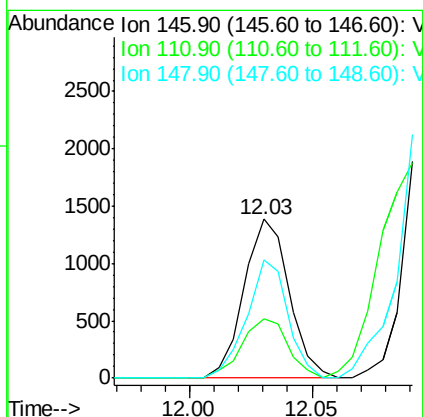
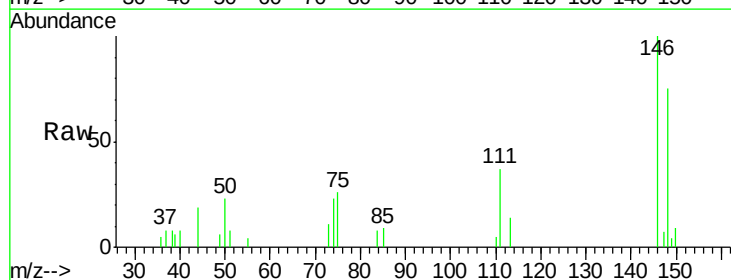
Manual Integrations
 APPROVED

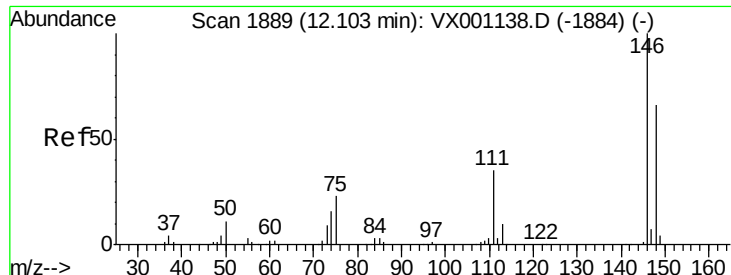
MMDadoda
 4/30/2018 6:04:42 PM



#87
 1,3-Dichlorobenzene
 Concen: 0.36 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001201.D
 Acq: 28 Apr 2018 05:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.6	56.0
148	67.8	32.3	96.8





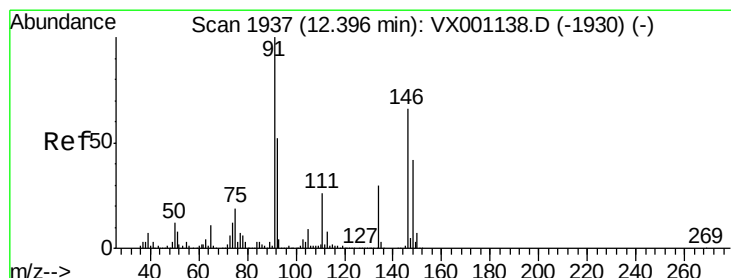
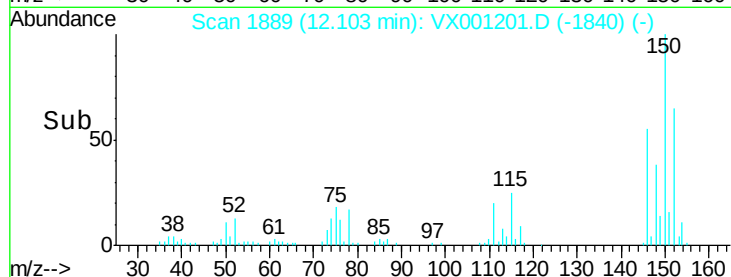
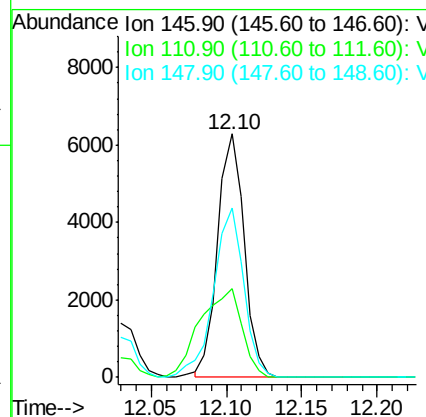
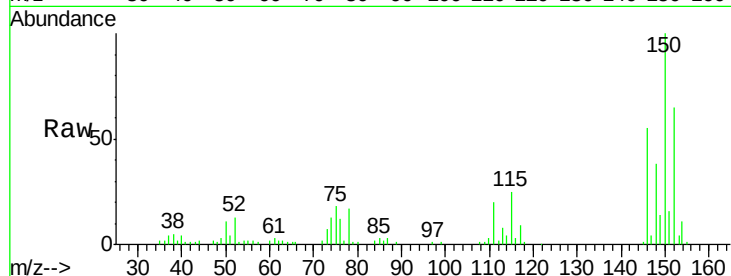
#88
 1,4-Dichlorobenzene
 Concen: 1.46 ug/l m
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001201.D
 Acq: 28 Apr 2018 05:15

Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW009-180419

Tot Ion	Ratio	Lower	Upper
146	100		
111	8.9	18.0	54.0#
148	15.9	32.5	97.5#

Manual Integrations
 APPROVED

MMDadoda
 4/30/2018 6:04:42 PM



#91
 1,2-Dichlorobenzene
 Concen: 10.89 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001201.D
 Acq: 28 Apr 2018 05:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	19.1	57.3
148	63.2	32.2	96.6

