

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042818\
 Data File : VX001223.D
 Acq On : 28 Apr 2018 19:21
 Operator : JC/MD
 Sample : J2547-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW358-180424

Manual Integrations
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Quant Time: Apr 30 04:59:54 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	170529	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	229886	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	209531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	121243	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	130141	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
35) Dibromofluoromethane	5.51	113	104257	54.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.58%	
50) Toluene-d8	8.72	98	388049	54.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.08%	
62) 4-Bromofluorobenzene	11.14	95	135445	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
Target Compounds						
						Qvalue
4) Vinyl Chloride	1.40	62	7426	3.74	ug/l	99
10) Methyl Iodide	2.51	142	5012	9.57	ug/l	97
11) Tert butyl alcohol	3.08	59	5499	10.55	ug/l #	90
16) Acetone	2.45	43	14183	13.05	ug/l	99
17) Carbon Disulfide	2.57	76	3710	0.84	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	2745	1.32	ug/l	96
40) Benzene	6.15	78	5896	0.80	ug/l	94
52) Toluene	8.79	92	1633	0.34	ug/l	97
65) Chlorobenzene	10.15	112	85897	15.65	ug/l	96
87) 1,3-Dichlorobenzene	12.03	146	2403	0.57	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	5070m	1.16	ug/l	
91) 1,2-Dichlorobenzene	12.40	146	5666	1.33	ug/l	99

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

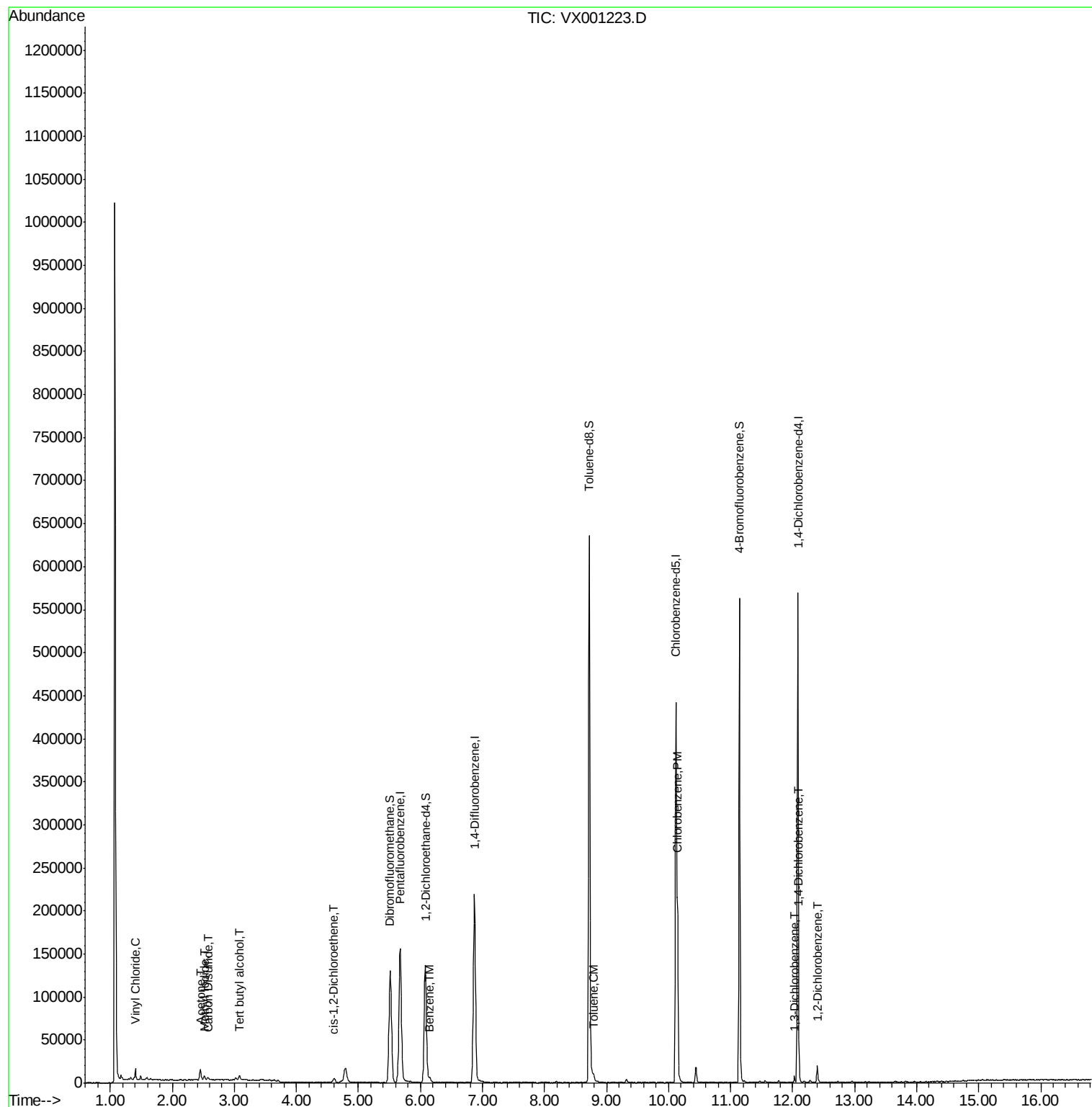
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042818\
Data File : VX001223.D
Acq On : 28 Apr 2018 19:21
Operator : JC/MD
Sample : J2547-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

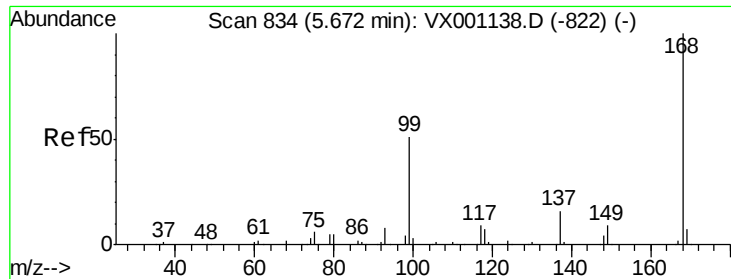
Instrument :
MSVOA_X
ClientSampleId :
WP022RW358-180424

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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
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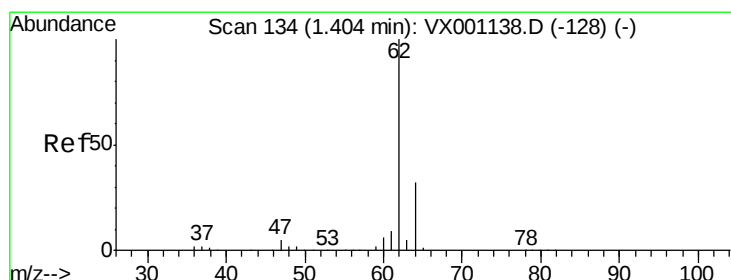
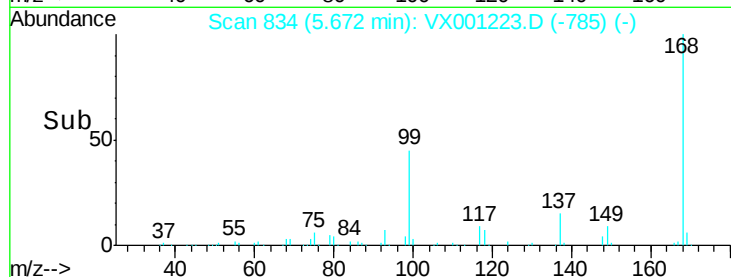
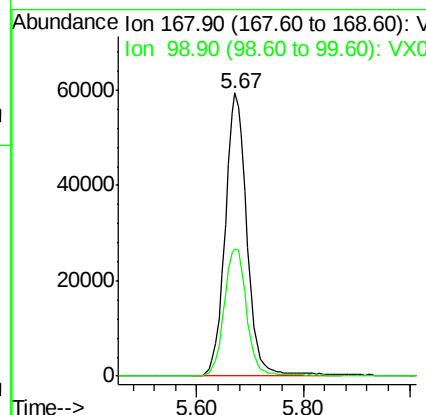
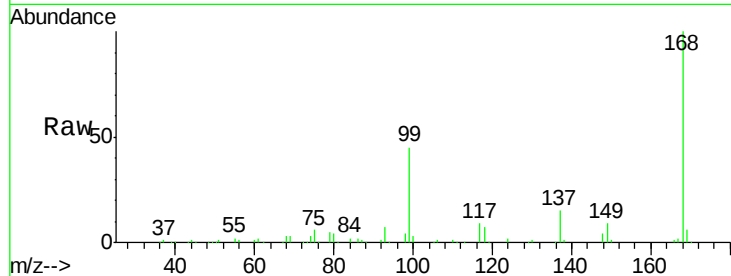
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX001223.D
Acq: 28 Apr 2018 19:21

Instrument :
MSVOA_X
ClientSampleId :
WP022RW358-180424

Tot Ion	Ratio	Resp	Lower	Upper
168	100	170529		
99	45.0	40.6	60.8	

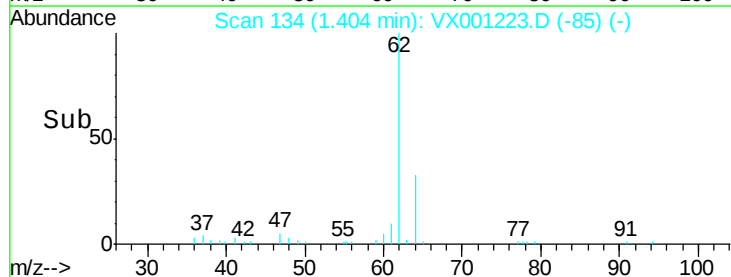
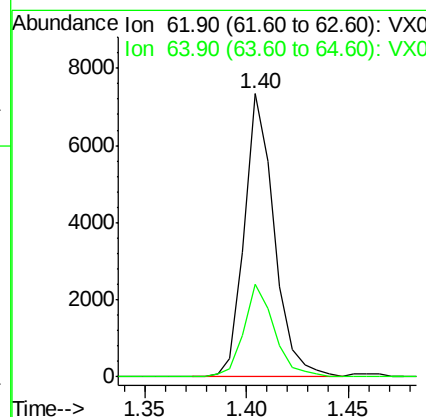
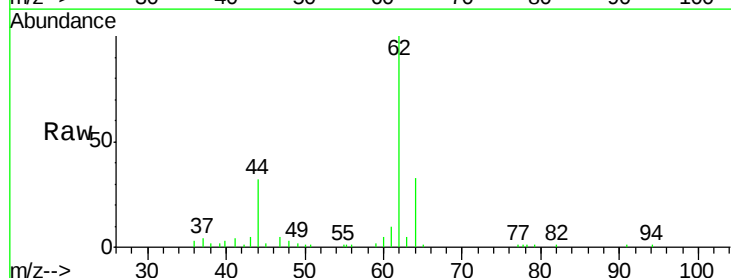
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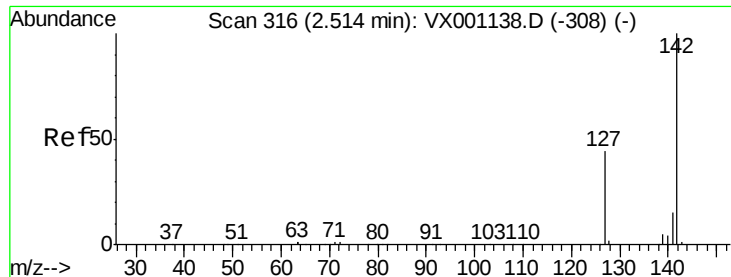
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#4
Vinyl Chloride
Concen: 3.74 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.00 min
Lab File: VX001223.D
Acq: 28 Apr 2018 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
62	100	7426		
64	32.6	25.6	38.4	





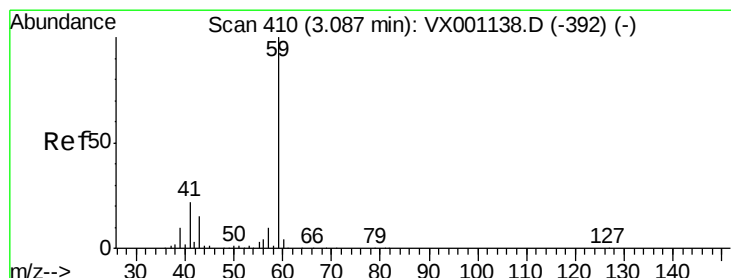
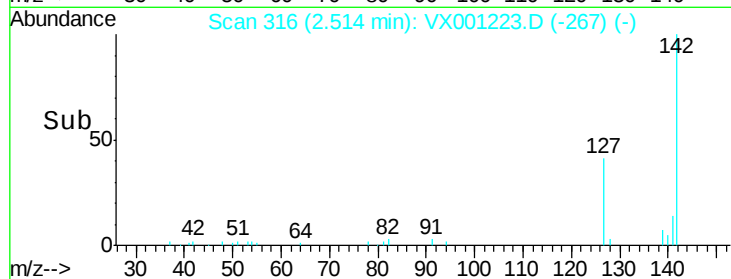
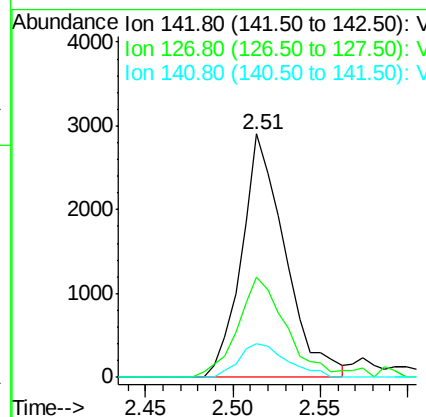
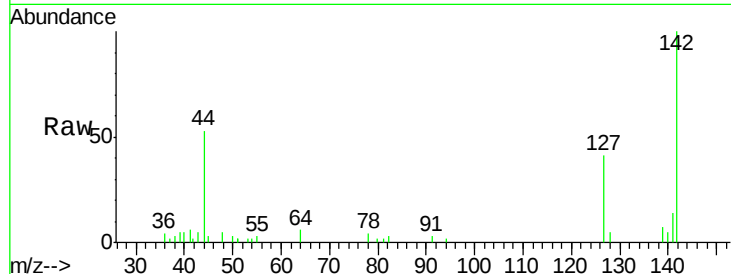
#10
Methvl Iodide
Concen: 9.57 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX001223.D
Acq: 28 Apr 2018 19:21

Instrument :
MSVOA_X
ClientSampleId :
WP022RW358-180424

Tot Ion	Ratio	Lower	Upper
142	100		
127	45.7	34.7	52.1
141	15.2	11.6	17.4

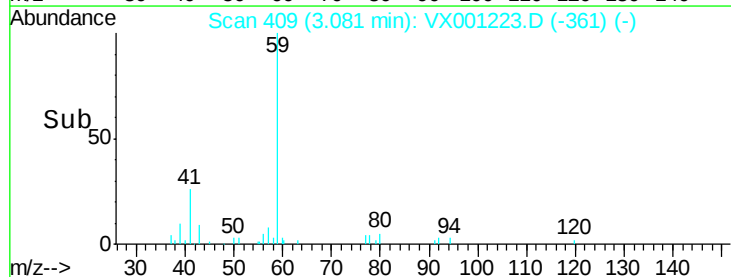
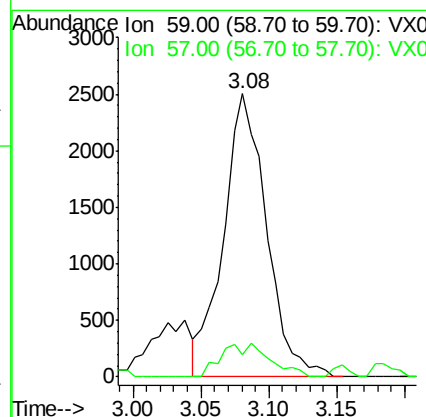
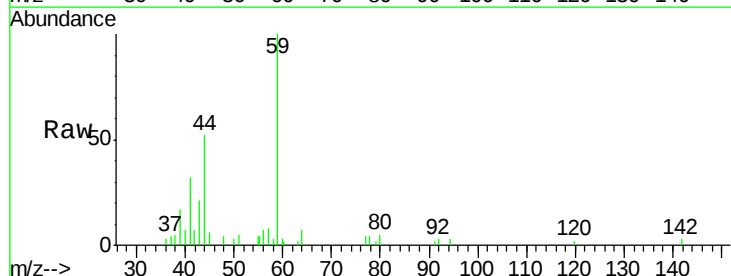
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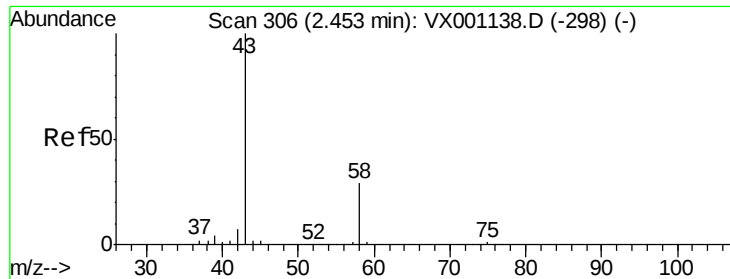
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#11
Tert butyl alcohol
Concen: 10.55 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX001223.D
Acq: 28 Apr 2018 19:21

Tgt Ion	Ratio	Lower	Upper
59	100		
57	6.5	8.2	12.4#





#16

Acetone

Concen: 13.05 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001223.D

Acq: 28 Apr 2018 19:21

Tot Ion: 43 Resp: 14183

Ion Ratio Lower Upper

43 100

58 29.5 23.0 34.6

Instrument :

MSVOA_X

ClientSampleId :

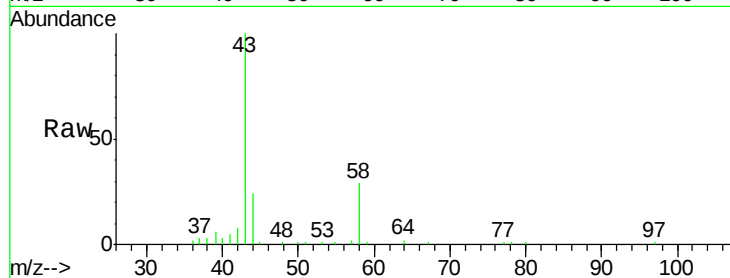
WP022RW358-180424

Manual Integrations

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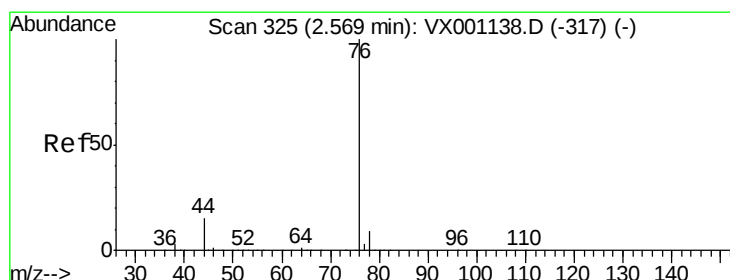
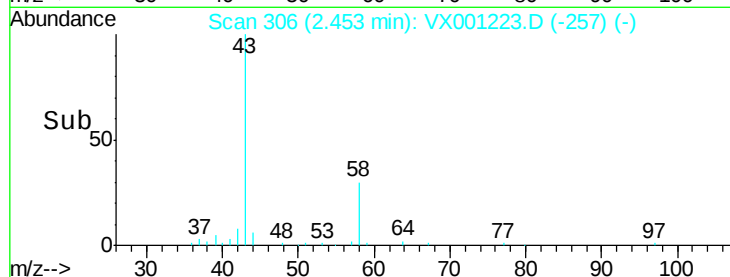
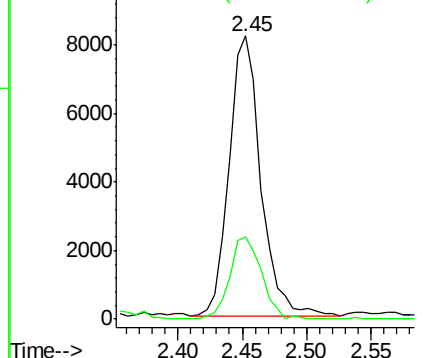
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.84 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX001223.D

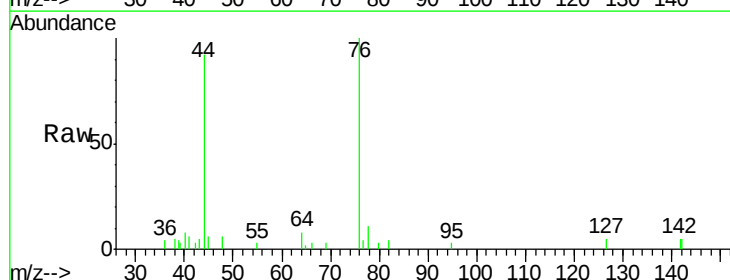
Acq: 28 Apr 2018 19:21

Tgt Ion: 76 Resp: 3710

Ion Ratio Lower Upper

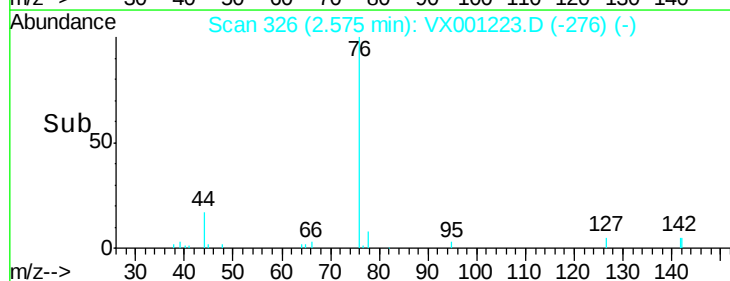
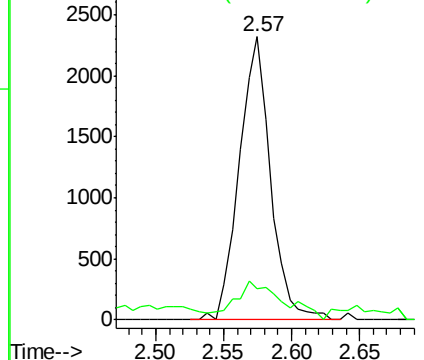
76 100

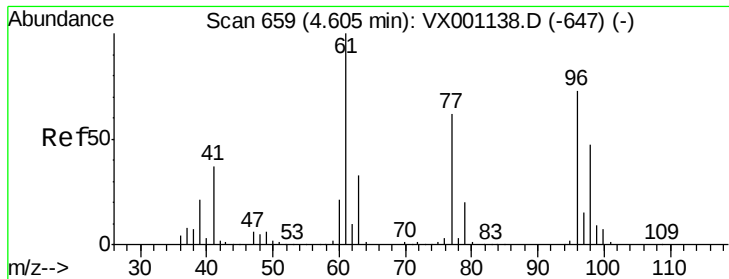
78 7.6 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0





#27

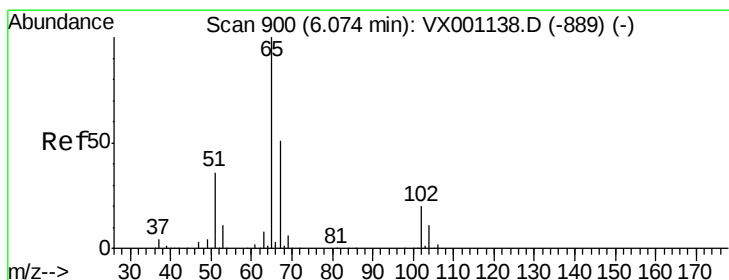
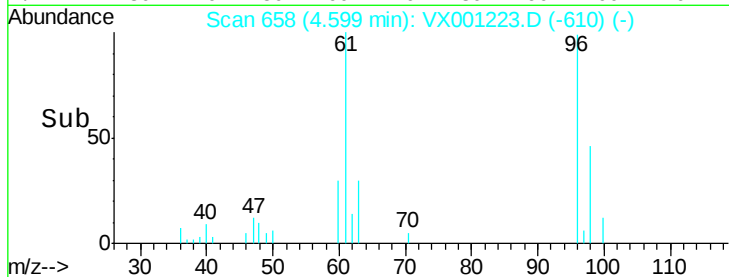
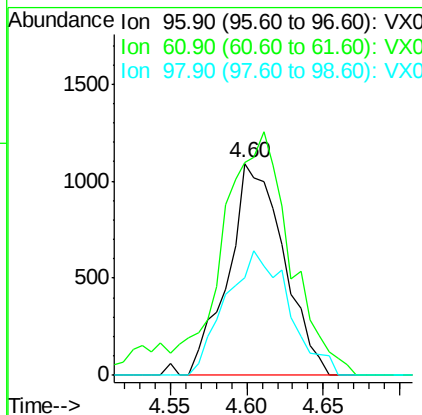
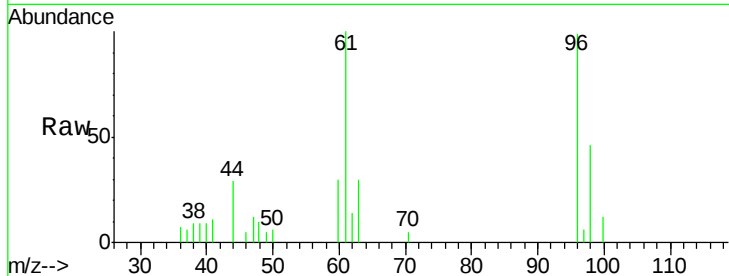
cis-1,2-Dichloroethene
 Concen: 1.32 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: VX001223.D
 Acq: 28 Apr 2018 19:21

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW358-180424

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.1	0.0	289.0
98	66.6	0.0	128.2

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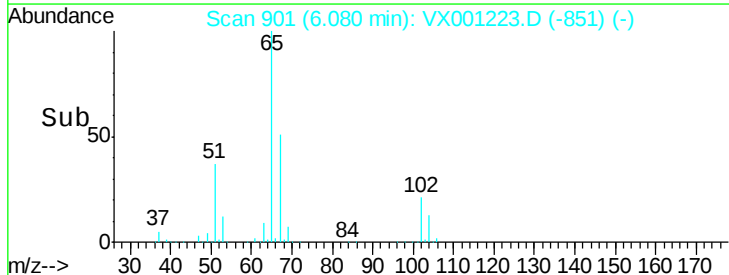
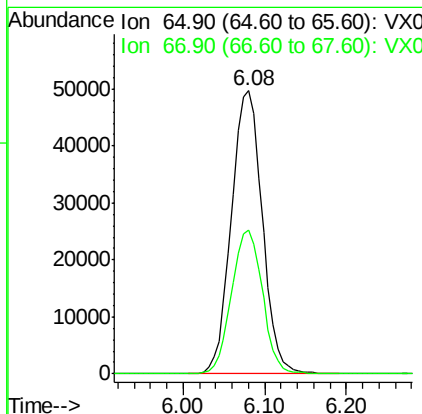
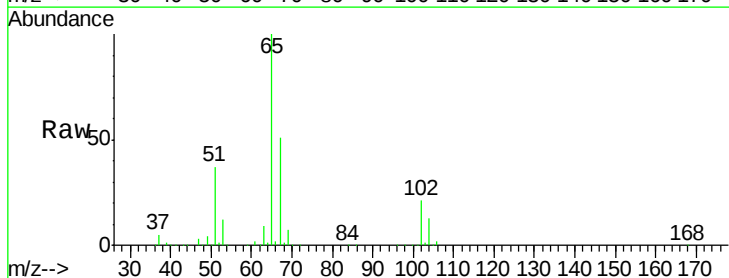
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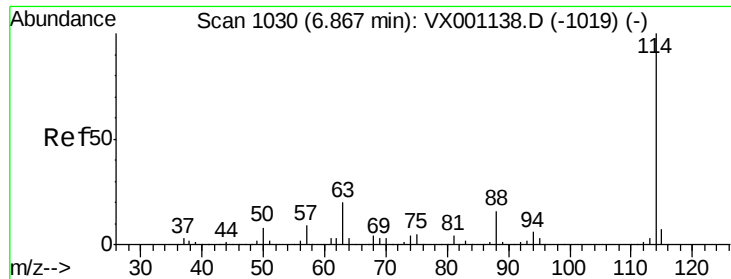


#33

1,2-Dichloroethane-d4
 Concen: 49.23 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001223.D
 Acq: 28 Apr 2018 19:21

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	102.2





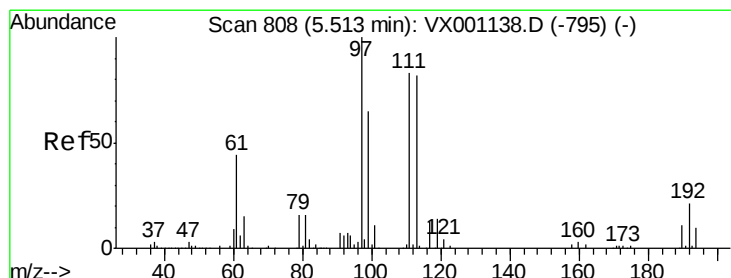
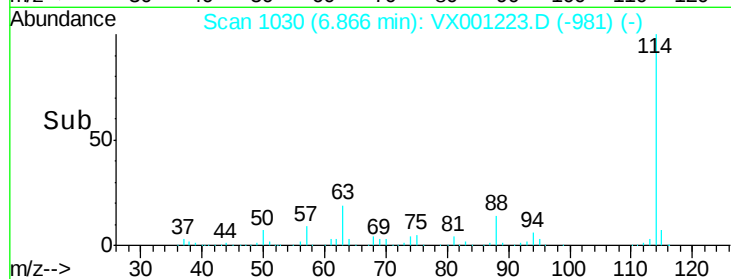
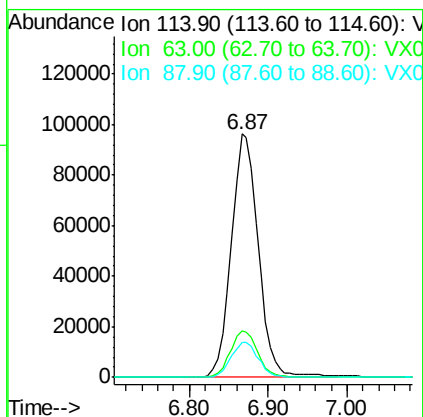
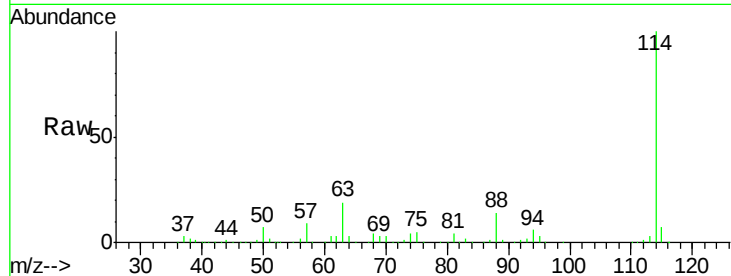
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001223.D
 Acq: 28 Apr 2018 19:21

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW358-180424

Tot Ion	Ratio	Resp	Lower	Upper
114	100	229886		
63	19.1		0.0	40.4
88	14.1		0.0	31.8

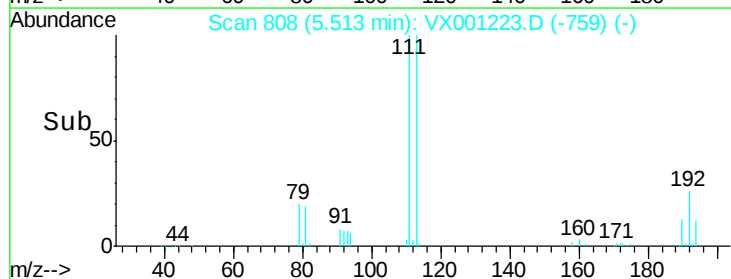
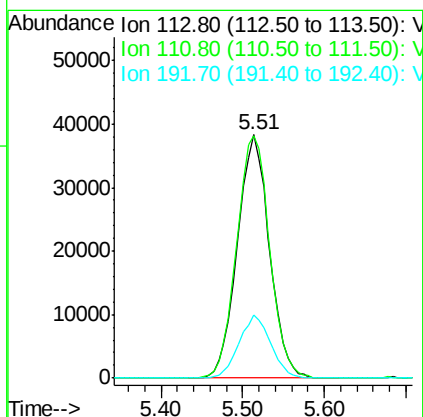
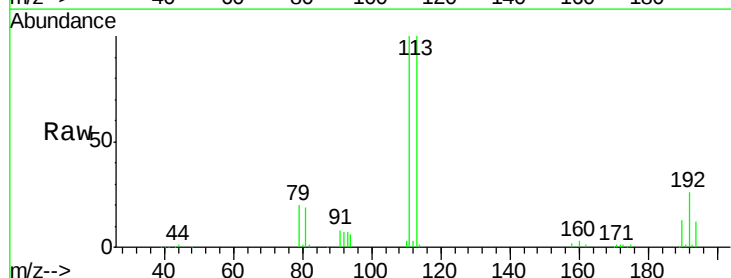
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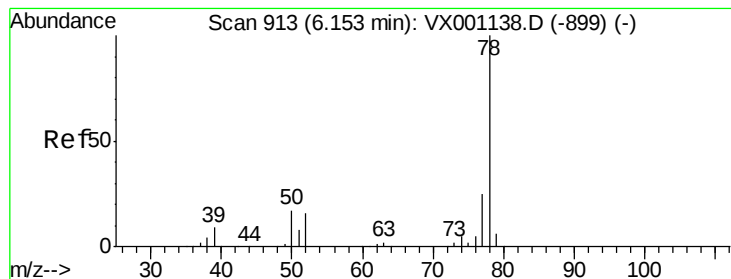
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#35
 Dibromofluoromethane
 Concen: 54.79 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001223.D
 Acq: 28 Apr 2018 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	104257		
111	102.6		82.2	123.4
192	25.6		20.6	30.8





#40

Benzene

Concen: 0.80 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.01 min

Lab File: VX001223.D

Acq: 28 Apr 2018 19:21

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-180424

Tot Ion: 78 Resp: 5896

Ion Ratio Lower Upper

78 100

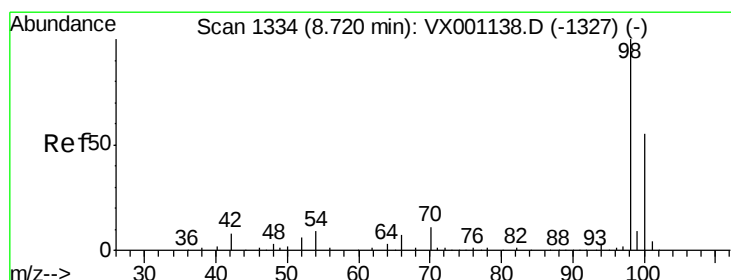
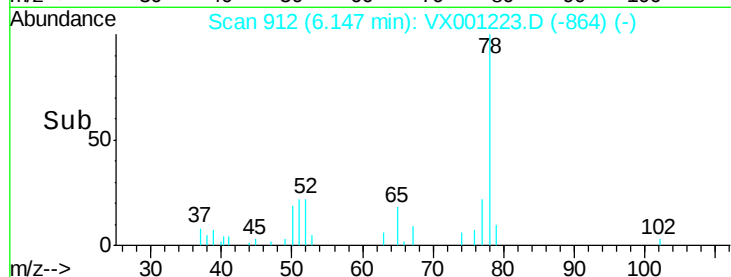
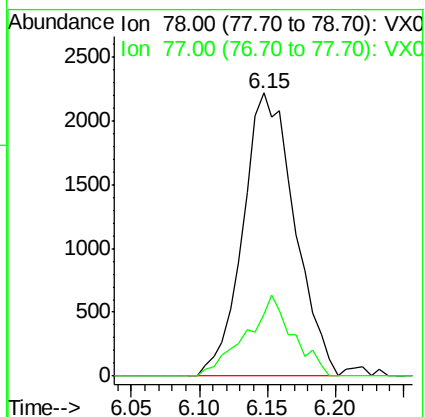
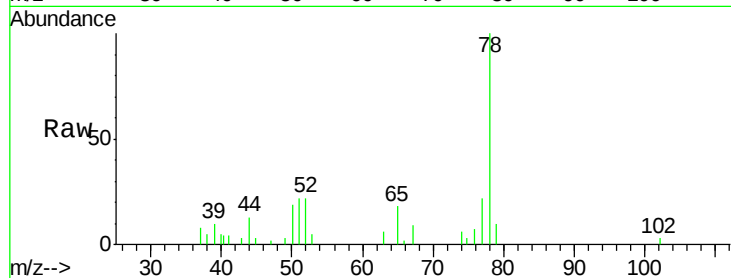
77 21.7 19.7 29.5

Manual Integrations

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#50

Toluene-d8

Concen: 54.04 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001223.D

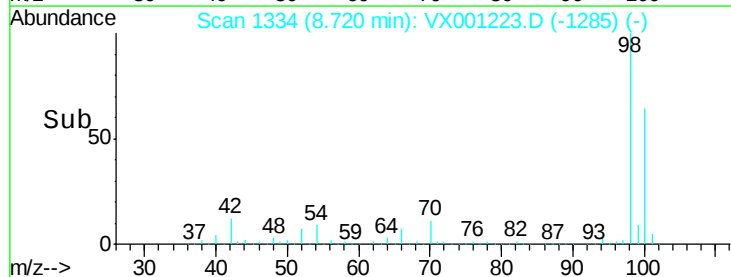
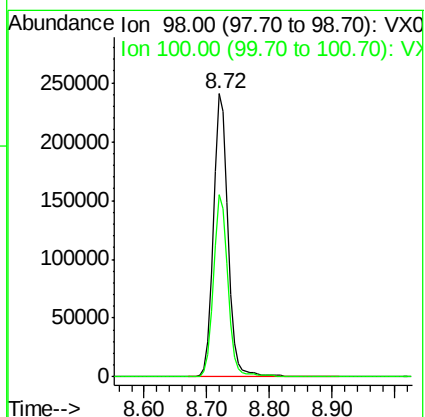
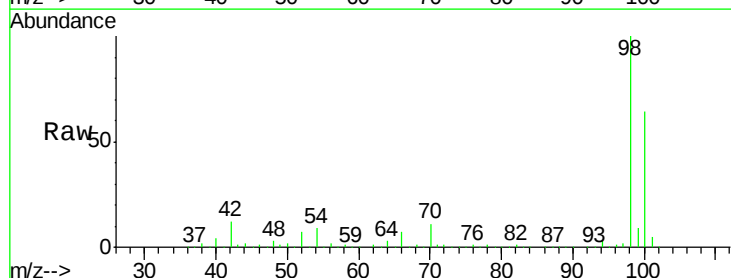
Acq: 28 Apr 2018 19:21

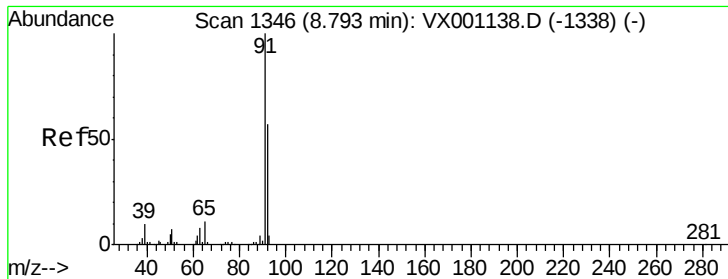
Tgt Ion: 98 Resp: 388049

Ion Ratio Lower Upper

98 100

100 63.8 51.8 77.6





#52

Toluene

Concen: 0.34 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX001223.D

Acq: 28 Apr 2018 19:21

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-180424

Tot Ion: 92 Resp: 1633

Ion Ratio Lower Upper

92 100

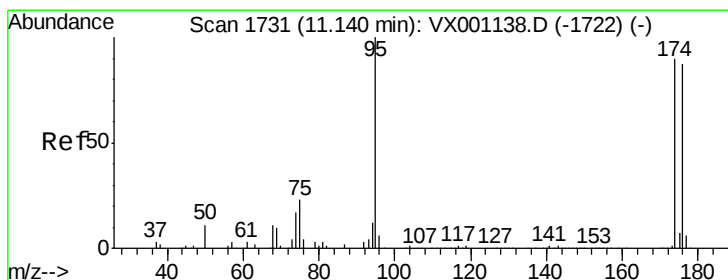
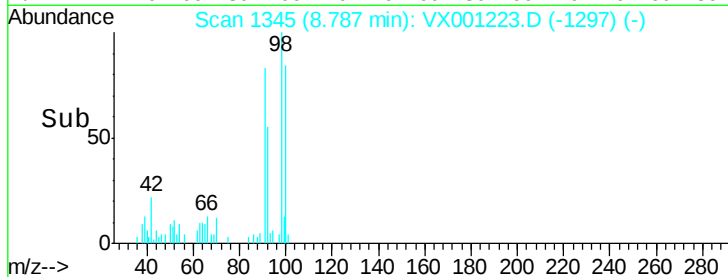
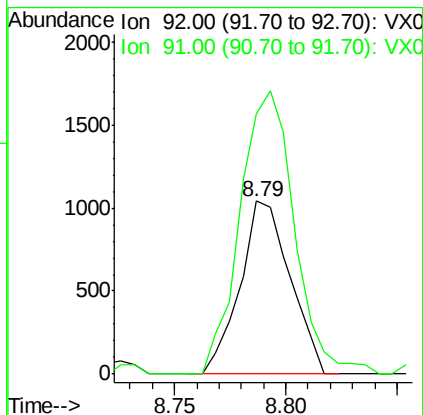
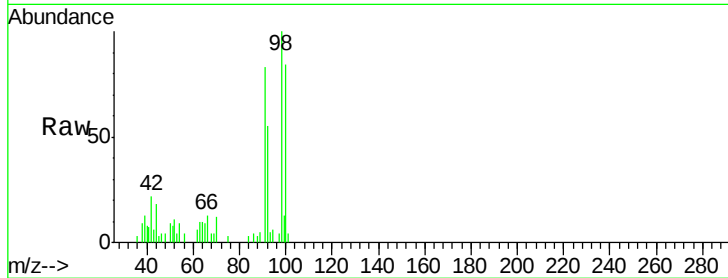
91 178.3 139.8 209.6

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 48.28 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001223.D

Acq: 28 Apr 2018 19:21

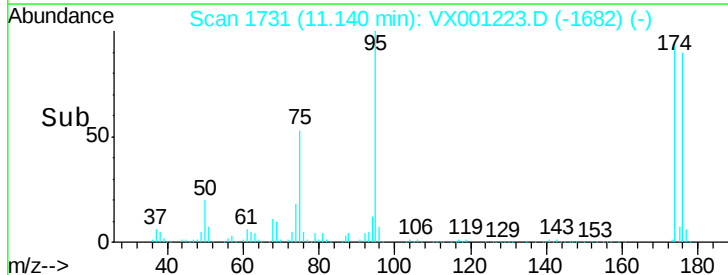
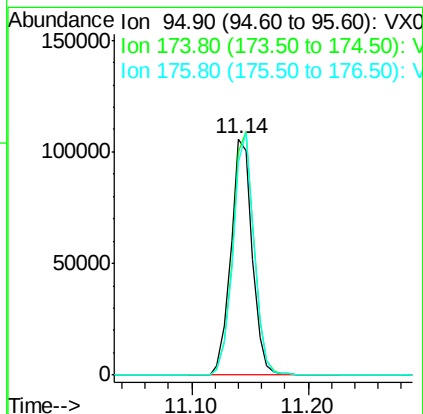
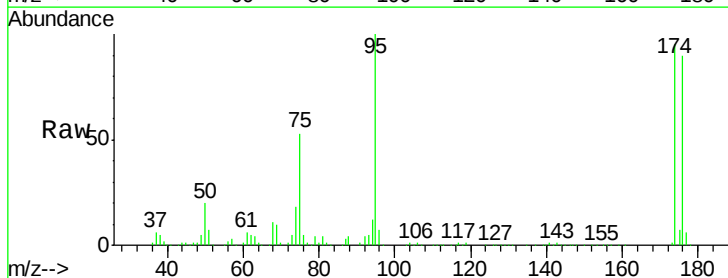
Tgt Ion: 95 Resp: 135445

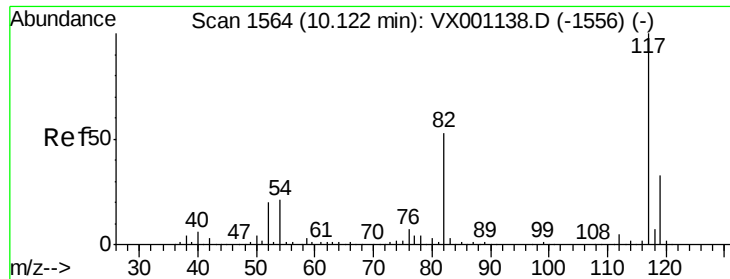
Ion Ratio Lower Upper

95 100

174 102.7 0.0 194.4

176 100.5 0.0 190.2





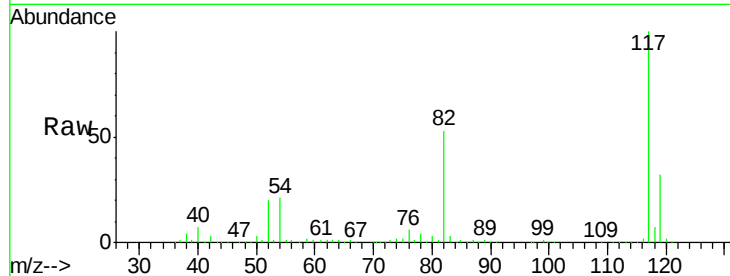
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001223.D
Acq: 28 Apr 2018 19:21

Instrument :
MSVOA_X
ClientSampleId :
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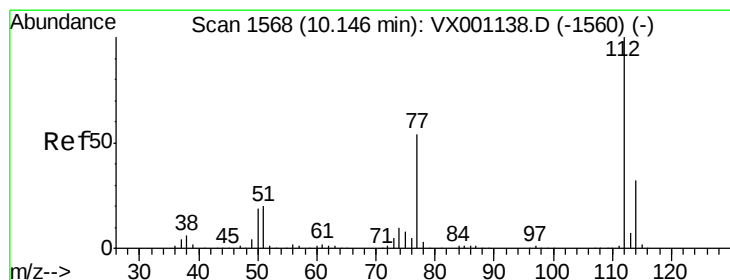
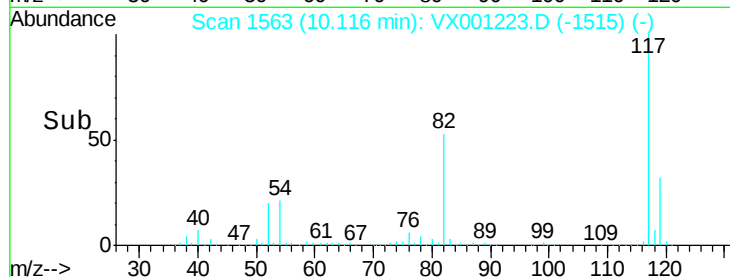
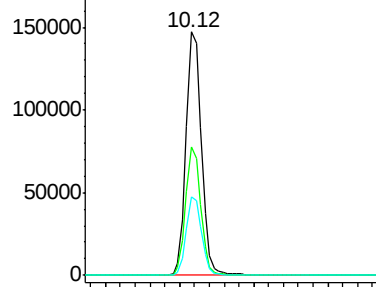
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	42.1	63.1
119	32.2	26.1	39.1

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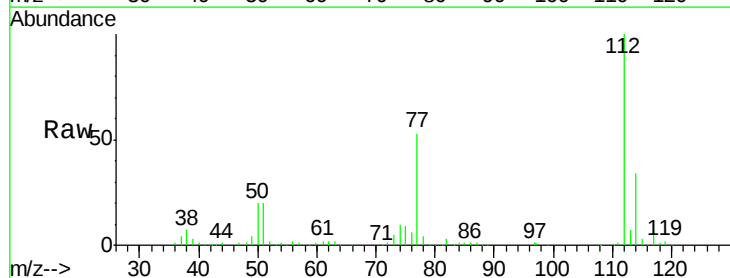


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

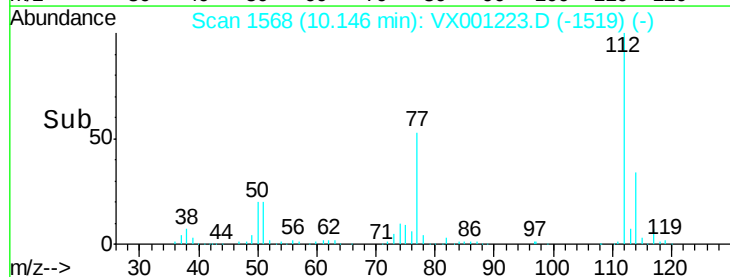
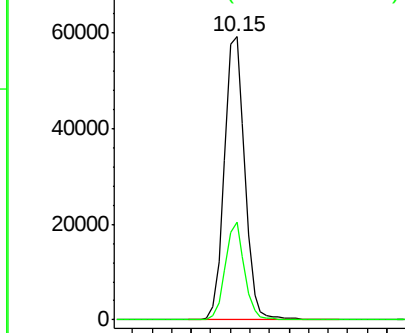


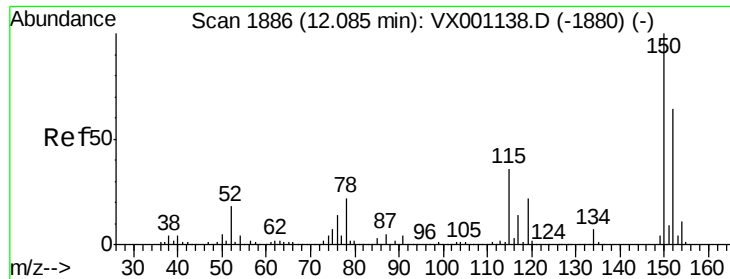
#65
Chlorobenzene
Concen: 15.65 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001223.D
Acq: 28 Apr 2018 19:21

Tgt Ion	Ratio	Lower	Upper
112	100		
114	34.5	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: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001223.D

Acq: 28 Apr 2018 19:21

Instrument :

MSVOA_X

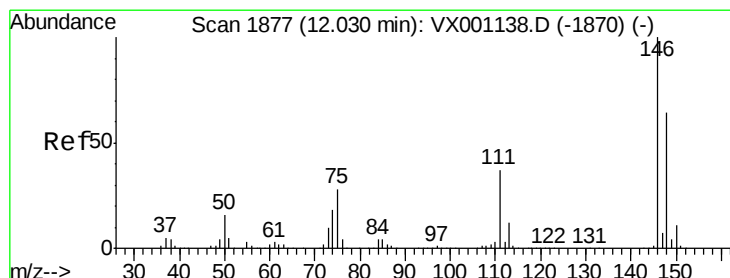
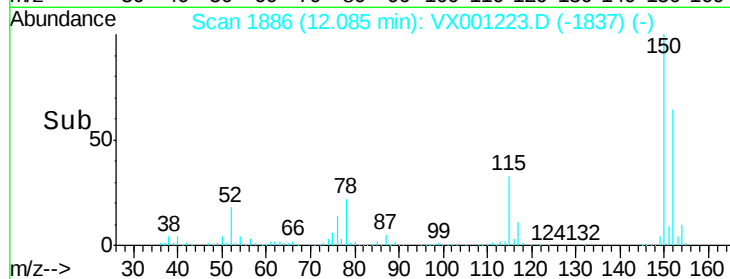
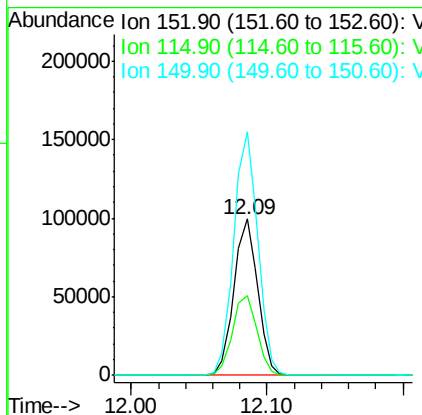
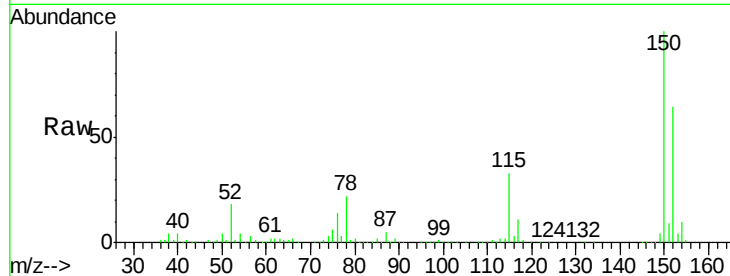
ClientSampleId :

WP022RW358-180424

Tot Ion:	152	Resp:	121243
Ion Ratio	Lower	Upper	
152	100		
115	52.8	38.0	114.0
150	157.3	0.0	349.6

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#87

1,3-Dichlorobenzene

Concen: 0.57 ug/l

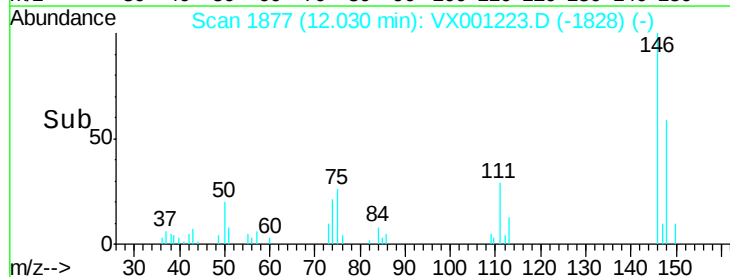
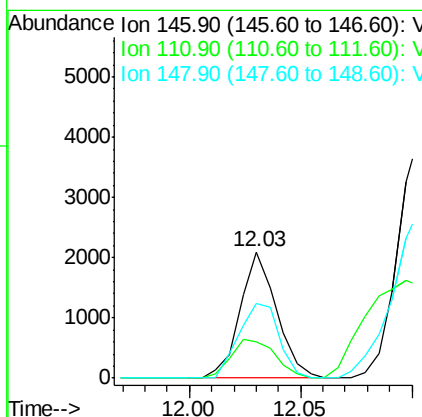
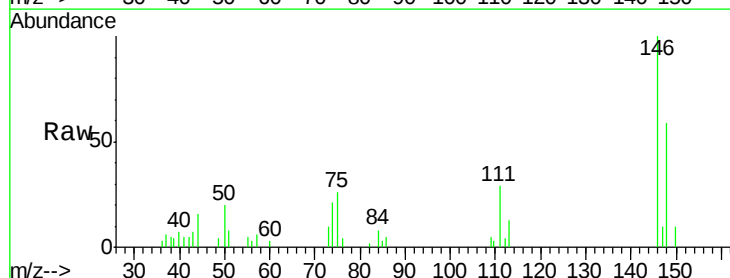
RT: 12.03 min Scan# 1877

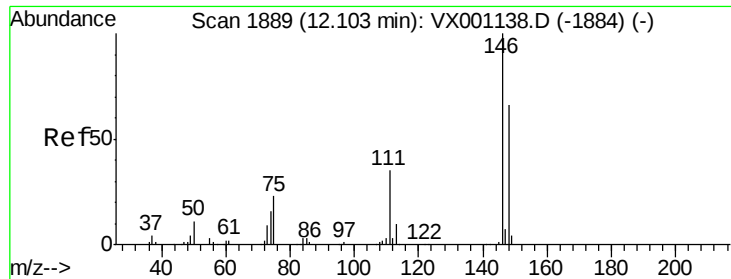
Delta R.T. -0.00 min

Lab File: VX001223.D

Acq: 28 Apr 2018 19:21

Tgt Ion:	146	Resp:	2403
Ion Ratio	Lower	Upper	
146	100		
111	36.9	18.6	56.0
148	64.8	32.3	96.8





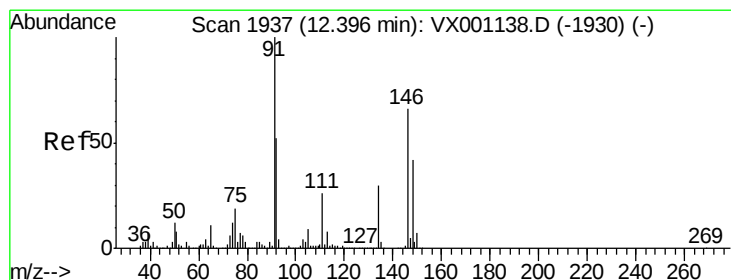
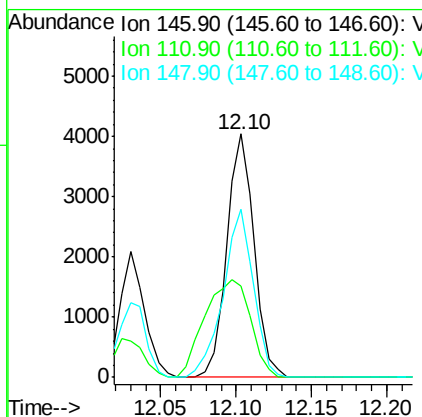
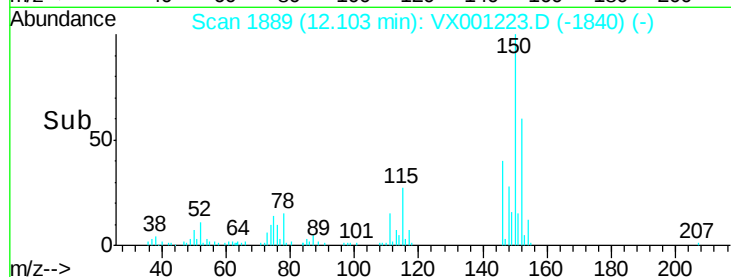
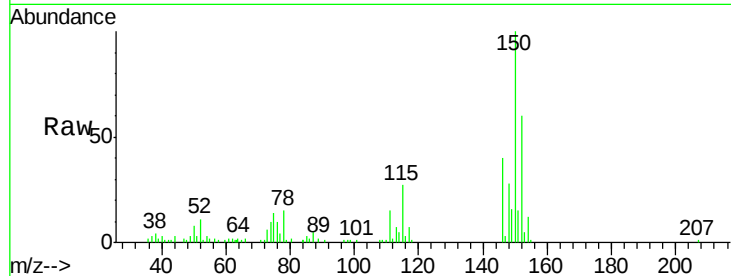
#88
 1,4-Dichlorobenzene
 Concen: 1.16 ug/l m
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001223.D
 Acq: 28 Apr 2018 19:21

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW358-180424

Tot Ion	Ratio	Lower	Upper
146	100		
111	17.5	18.0	54.0#
148	30.7	32.5	97.5#

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#91
 1,2-Dichlorobenzene
 Concen: 1.33 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001223.D
 Acq: 28 Apr 2018 19:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	19.1	57.3
148	63.7	32.2	96.6

