

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042718\
 Data File : VX001171.D
 Acq On : 27 Apr 2018 15:37
 Operator : JC/MD
 Sample : J2463-10DL 1000X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF001MW001-180418DL

Quant Time: Apr 28 03:43:45 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	202530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	281052	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	243681	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	128079	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	141541	45.08	ug/l	0.00
Spiked Amount			Recovery	=	90.16%	
35) Dibromofluoromethane	5.51	113	109516	47.08	ug/l	0.00
Spiked Amount			Recovery	=	94.16%	
50) Toluene-d8	8.72	98	420069	47.85	ug/l	0.00
Spiked Amount			Recovery	=	95.70%	
62) 4-Bromofluorobenzene	11.14	95	139866	40.78	ug/l	0.00
Spiked Amount			Recovery	=	81.56%	

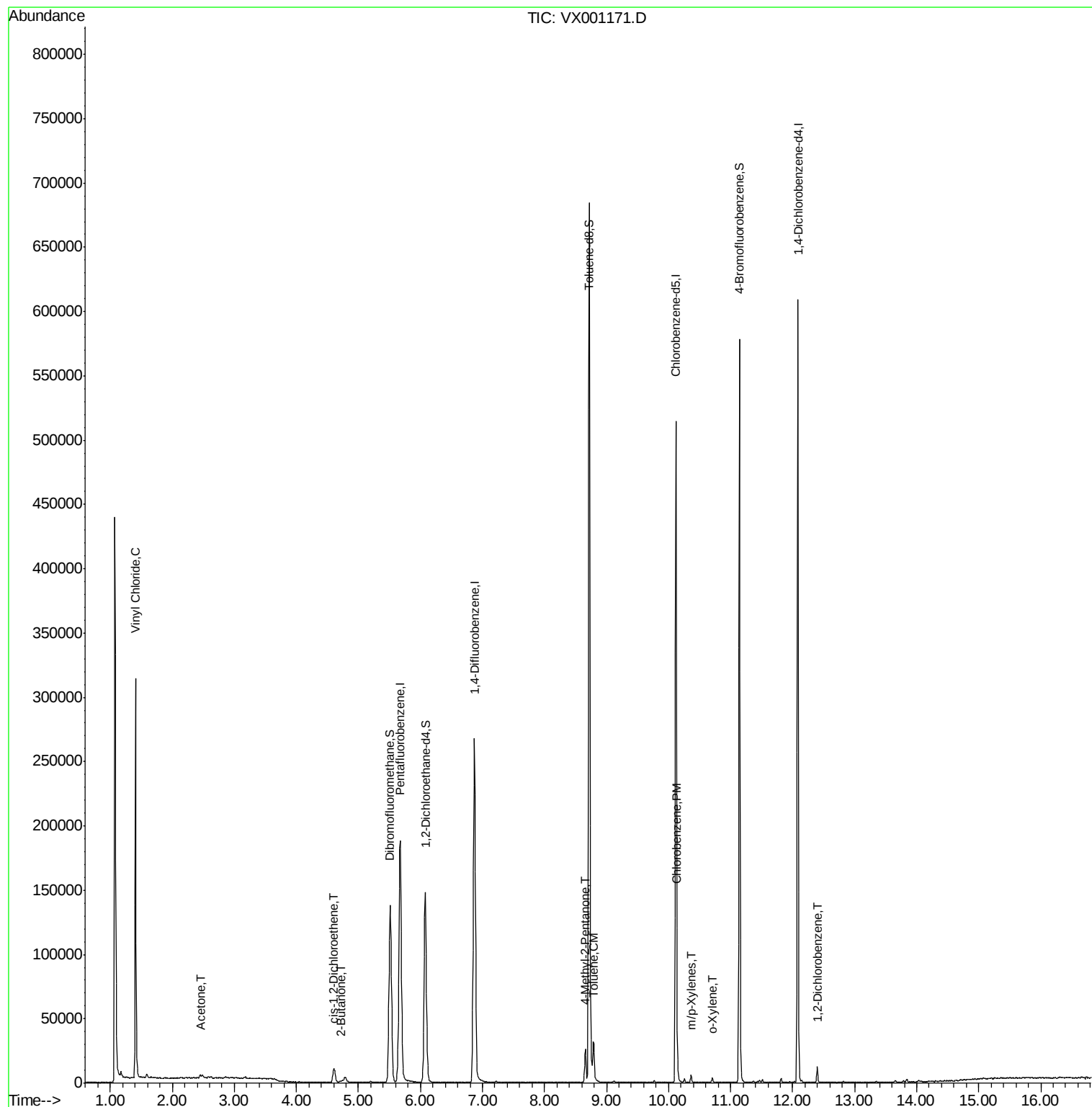
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	192037	81.37	ug/l	99
16) Acetone	2.45	43	3319	2.57	ug/l	98
25) 2-Butanone	4.71	43	1960	1.01	ug/l #	90
27) cis-1,2-Dichloroethene	4.60	96	6673	2.69	ug/l	89
51) 4-Methyl-2-Pentanone	8.66	43	15335	4.01	ug/l	98
52) Toluene	8.79	92	9806	1.67	ug/l	96
65) Chlorobenzene	10.14	112	1940	0.30	ug/l	95
68) m/p-Xylenes	10.36	106	1455	0.35	ug/l	91
69) o-Xylene	10.71	106	810	0.20	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	3501	0.78	ug/l	98

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

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042718\
Data File : VX001171.D
Acq On : 27 Apr 2018 15:37
Operator : JC/MD
Sample : J2463-10DL 1000X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LF001MW001-180418DL

Quant Time: Apr 28 03:43:45 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: VX001171.D

Acq: 27 Apr 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

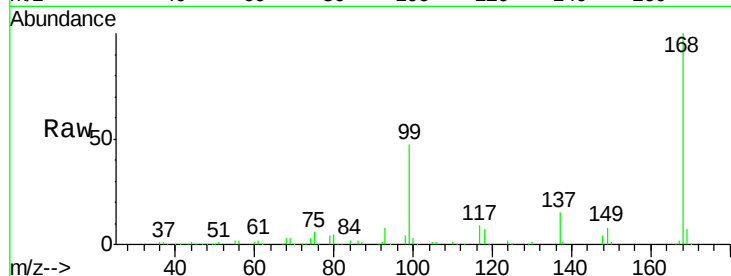
LF001MW001-180418DL

Tot Ion:168 Resp: 202530

Ion Ratio Lower Upper

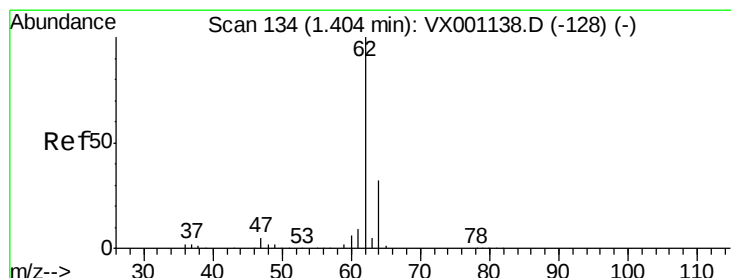
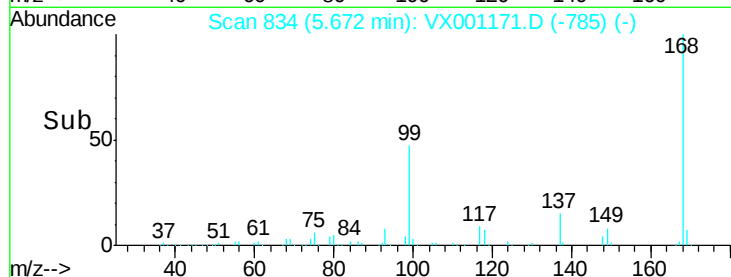
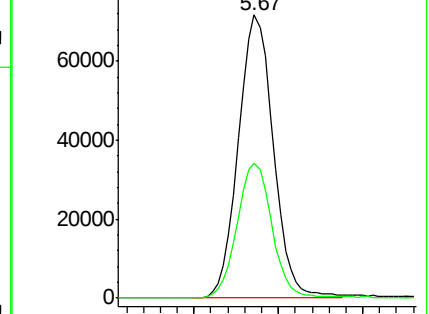
168 100

99 47.5 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 81.37 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001171.D

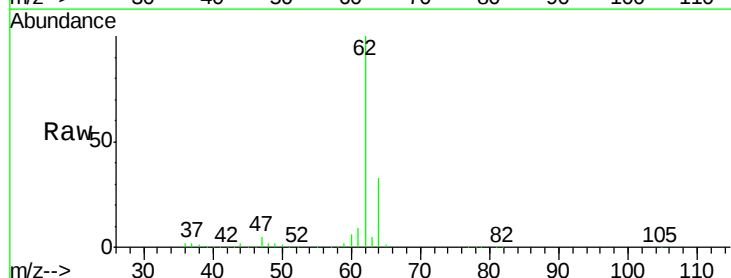
Acq: 27 Apr 2018 15:37

Tgt Ion: 62 Resp: 192037

Ion Ratio Lower Upper

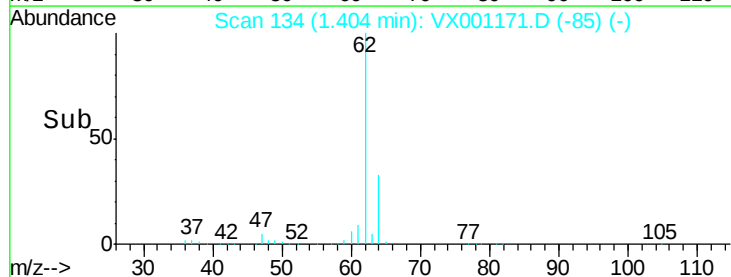
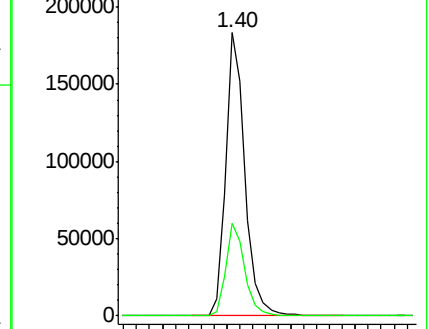
62 100

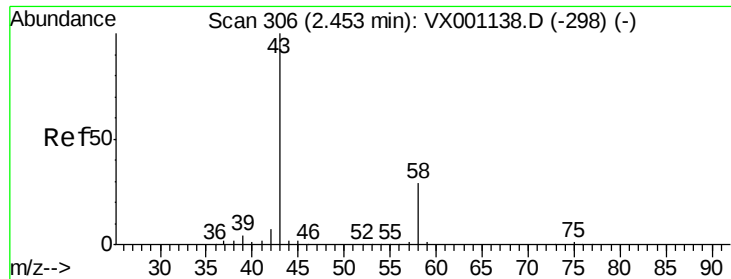
64 32.7 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#16

Acetone

Concen: 2.57 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001171.D

Acq: 27 Apr 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

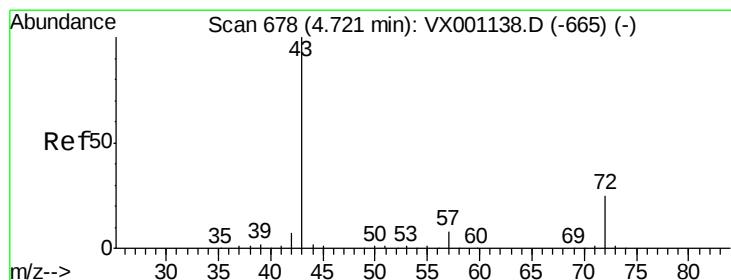
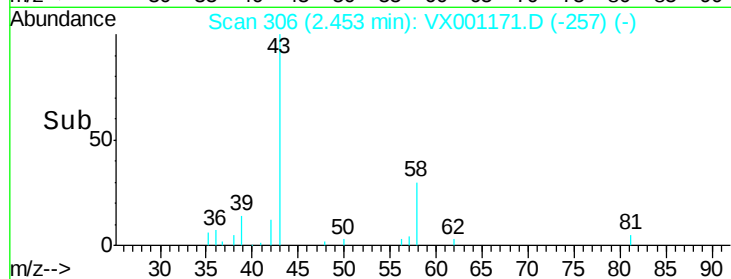
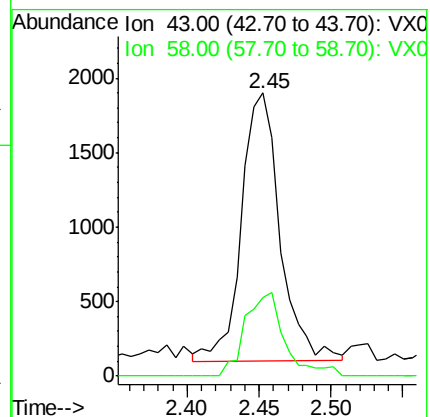
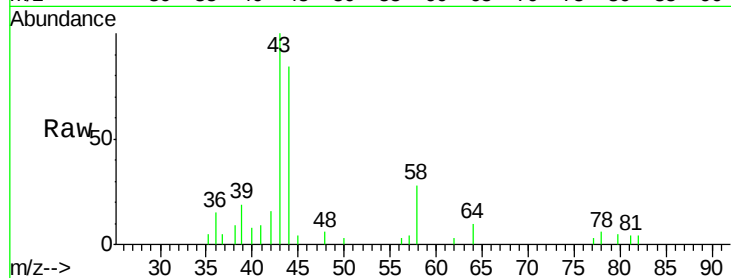
LF001MW001-180418DL

Tot Ion: 43 Resp: 3319

Ion Ratio Lower Upper

43 100

58 29.9 23.0 34.6



#25

2-Butanone

Concen: 1.01 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX001171.D

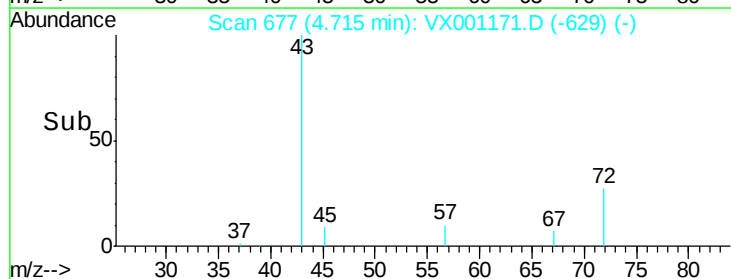
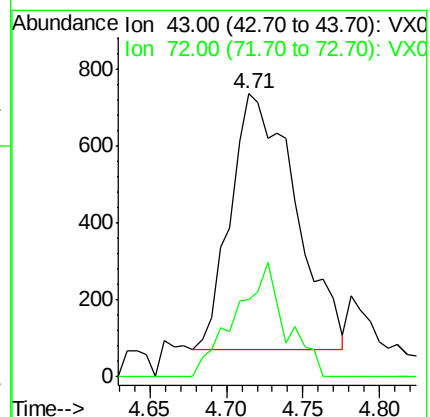
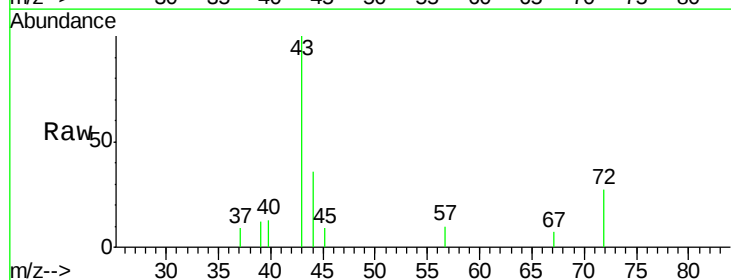
Acq: 27 Apr 2018 15:37

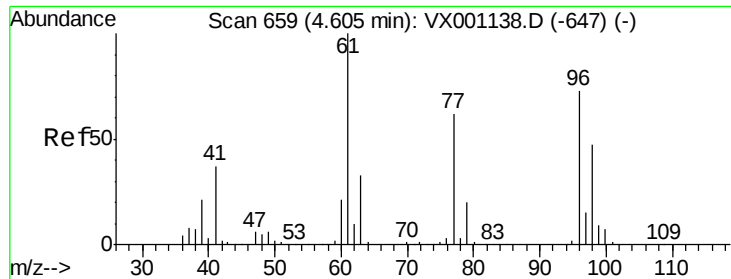
Tgt Ion: 43 Resp: 1960

Ion Ratio Lower Upper

43 100

72 30.1 20.0 30.0#



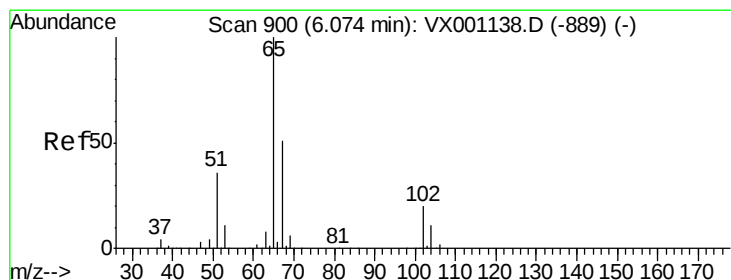
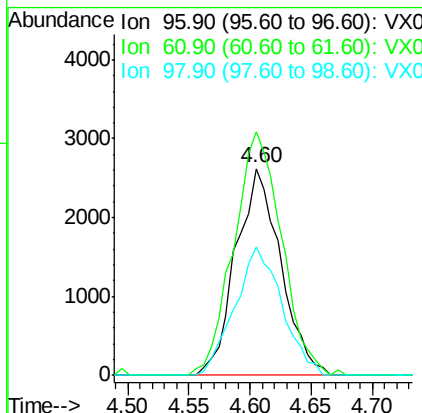
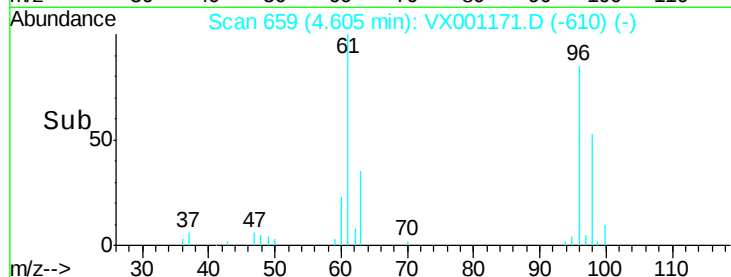
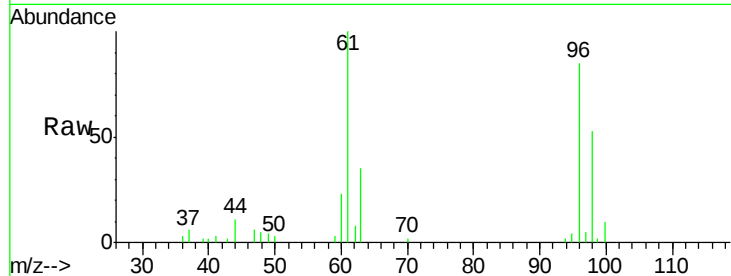


#27

cis-1,2-Dichloroethene
 Concen: 2.69 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX001171.D
 Acq: 27 Apr 2018 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 LF001MW001-180418DL

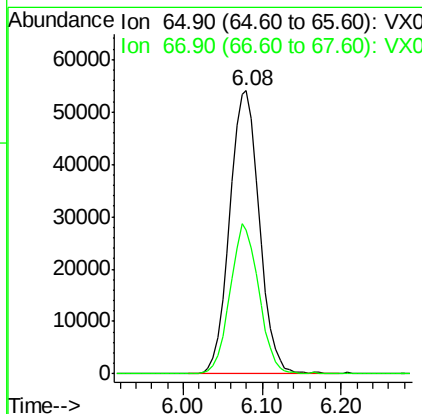
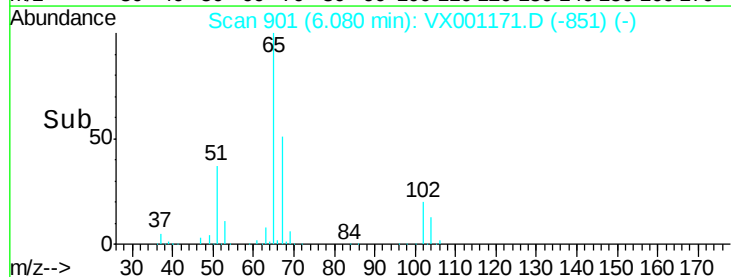
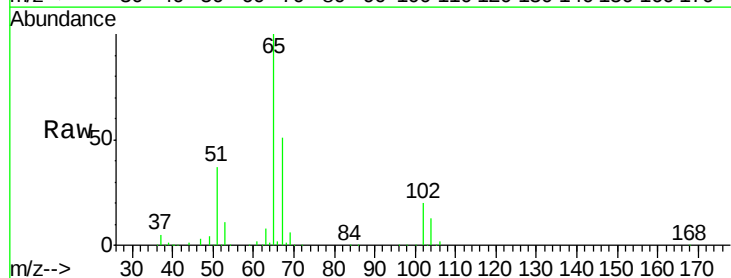
Tot Ion: 96 Resp: 6673
 Ion Ratio Lower Upper
 96 100
 61 126.2 0.0 289.0
 98 65.6 0.0 128.2

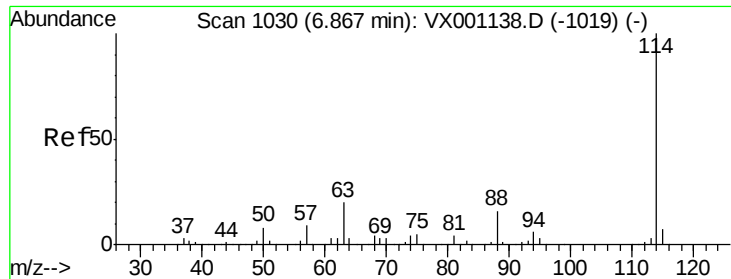


#33

1,2-Dichloroethane-d4
 Concen: 45.08 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001171.D
 Acq: 27 Apr 2018 15:37

Tgt Ion: 65 Resp: 141541
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001171.D

Acq: 27 Apr 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

LF001MW001-180418DL

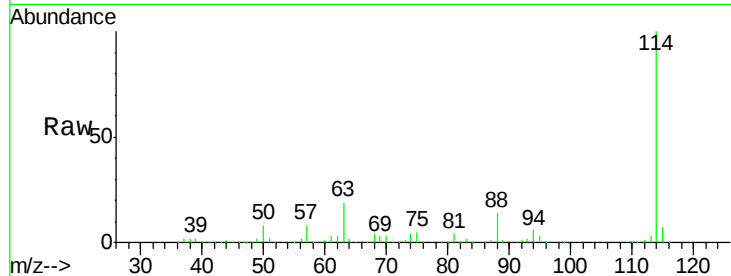
Tot Ion:114 Resp: 281052

Ion Ratio Lower Upper

114 100

63 18.5 0.0 40.4

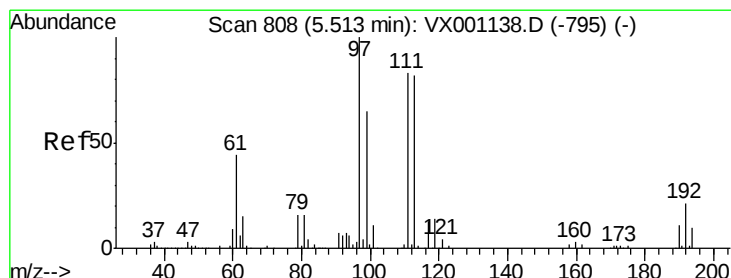
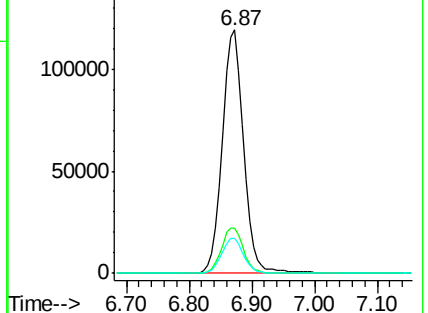
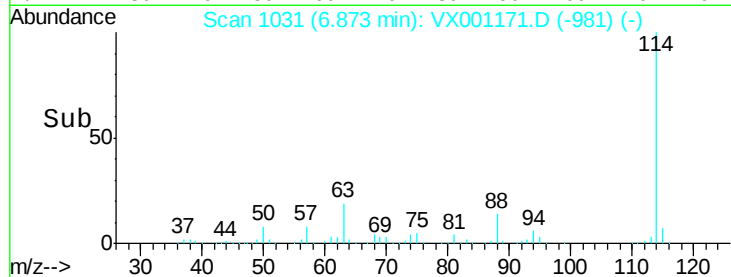
88 14.2 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.08 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001171.D

Acq: 27 Apr 2018 15:37

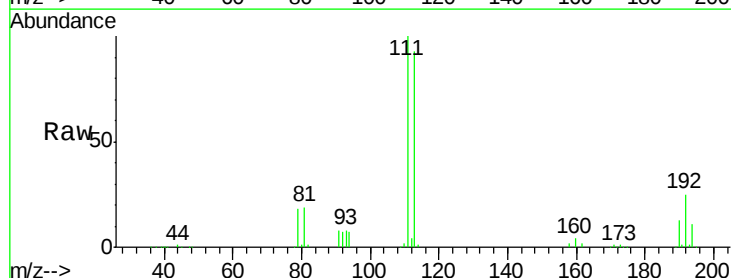
Tgt Ion:113 Resp: 109516

Ion Ratio Lower Upper

113 100

111 104.0 82.2 123.4

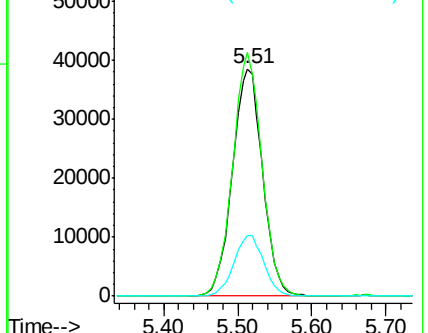
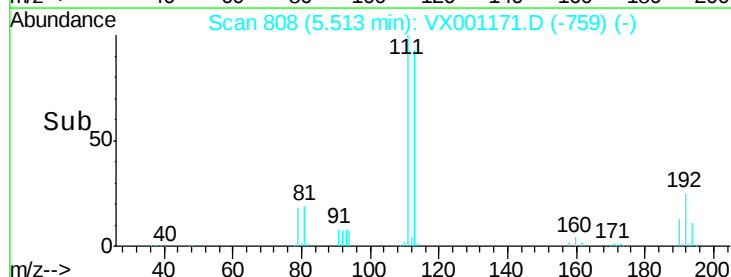
192 26.4 20.6 30.8

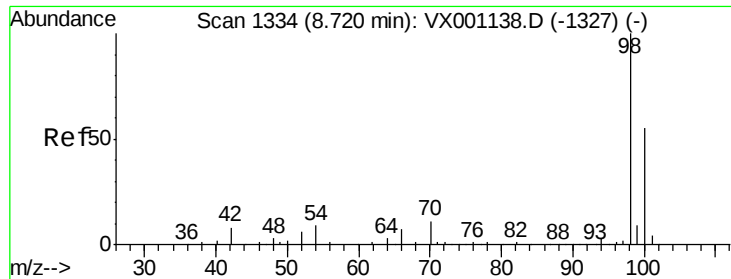


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

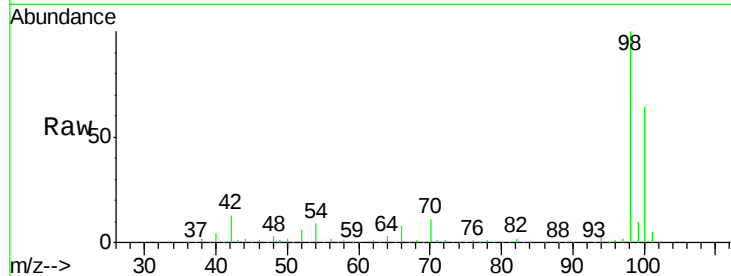




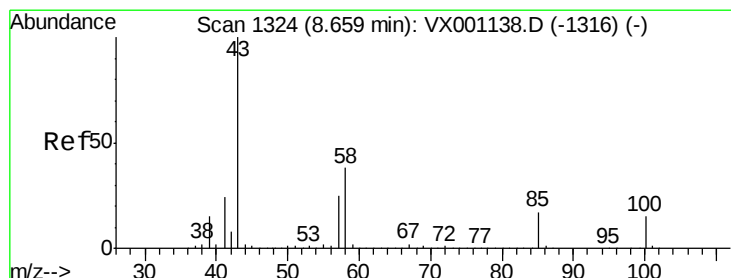
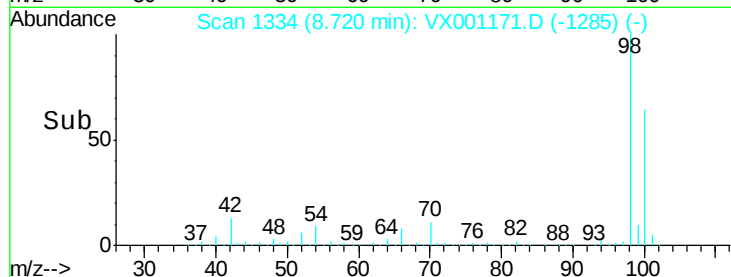
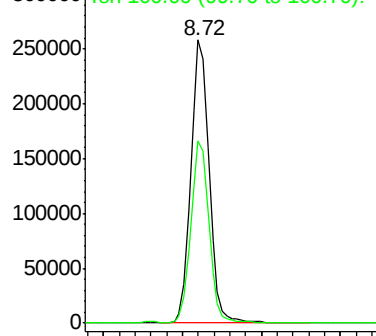
#50
Toluene-d8
Concen: 47.85 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001171.D
Acq: 27 Apr 2018 15:37

Instrument :
MSVOA_X
ClientSampleId :
LF001MW001-180418DL

Tot Ion: 98 Resp: 420069
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.6

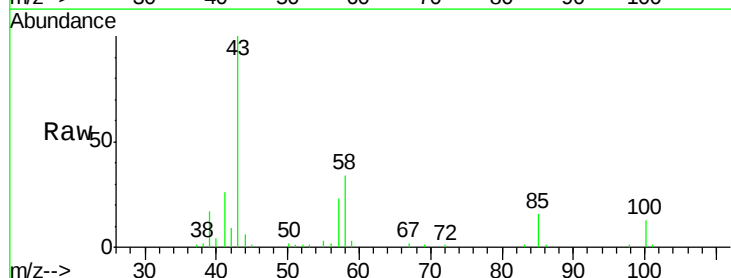


Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX

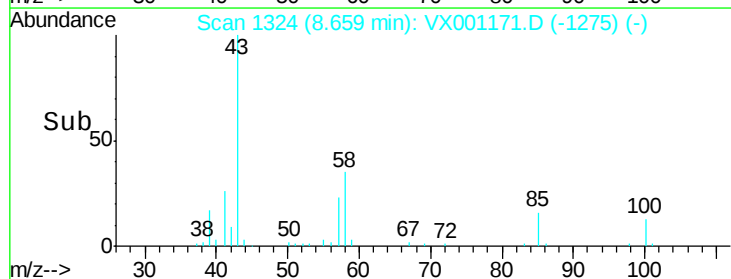
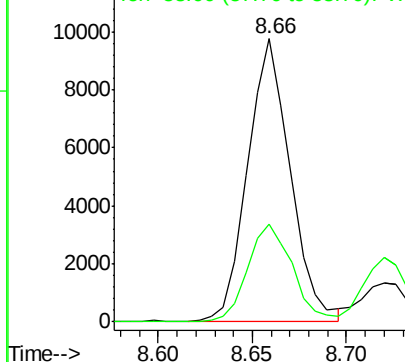


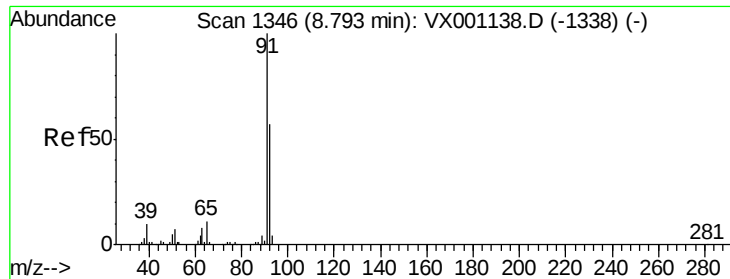
#51
4-Methyl-2-Pentanone
Concen: 4.01 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX001171.D
Acq: 27 Apr 2018 15:37

Tgt Ion: 43 Resp: 15335
Ion Ratio Lower Upper
43 100
58 36.3 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX





#52

Toluene

Concen: 1.67 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX001171.D

Acq: 27 Apr 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

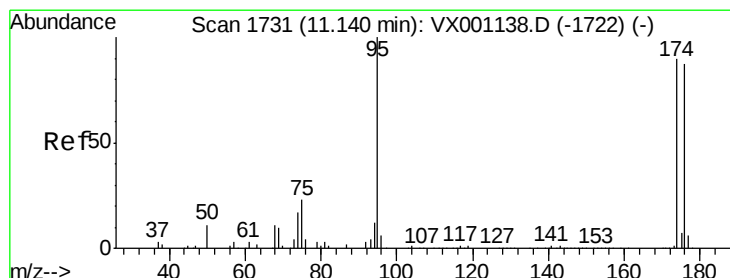
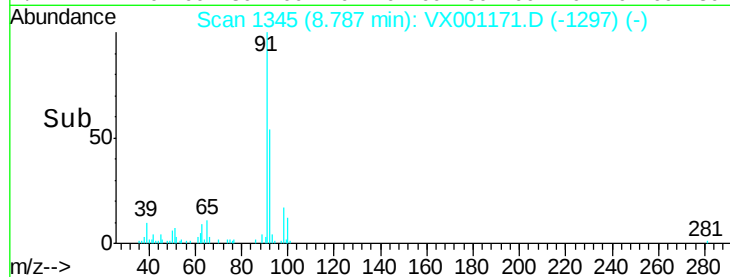
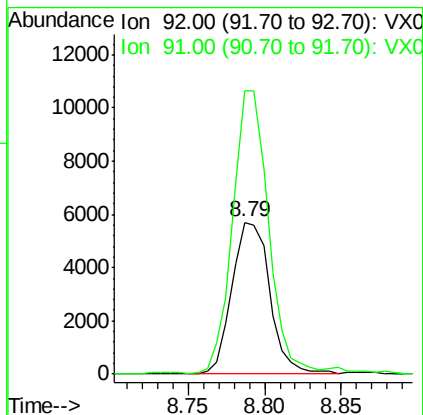
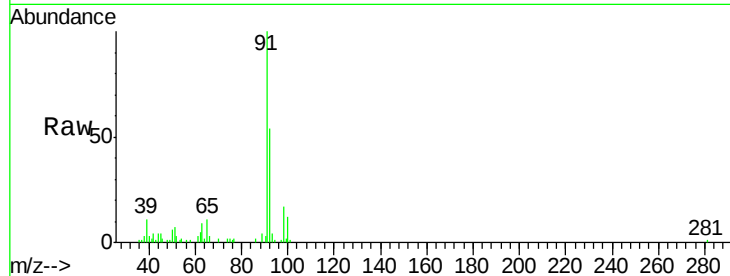
LF001MW001-180418DL

Tot Ion: 92 Resp: 9806

Ion Ratio Lower Upper

92 100

91 180.7 139.8 209.6



#62

4-Bromofluorobenzene

Concen: 40.78 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001171.D

Acq: 27 Apr 2018 15:37

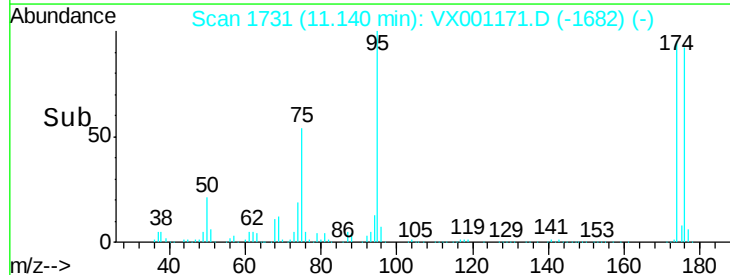
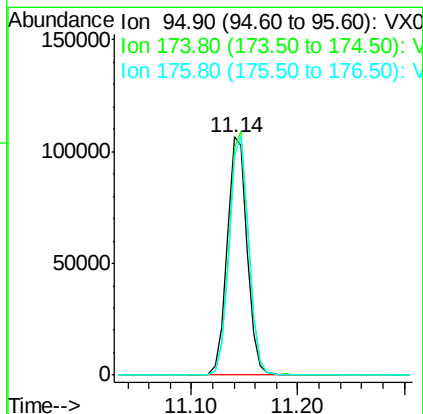
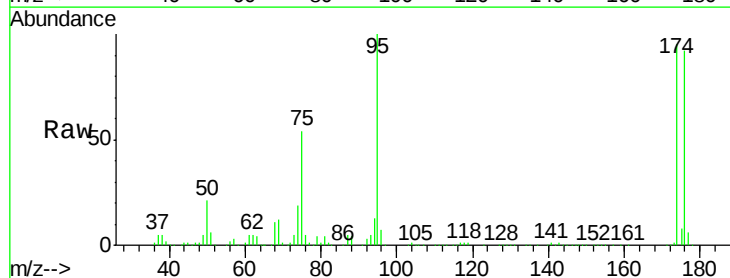
Tgt Ion: 95 Resp: 139866

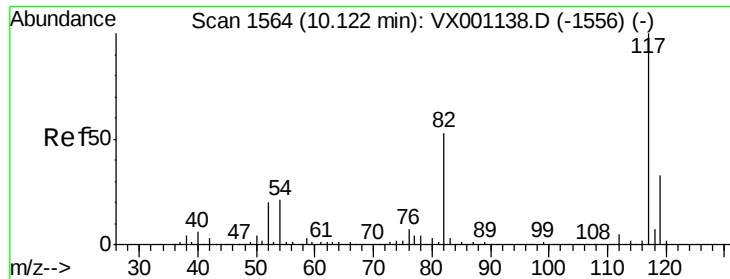
Ion Ratio Lower Upper

95 100

174 100.6 0.0 194.4

176 98.0 0.0 190.2

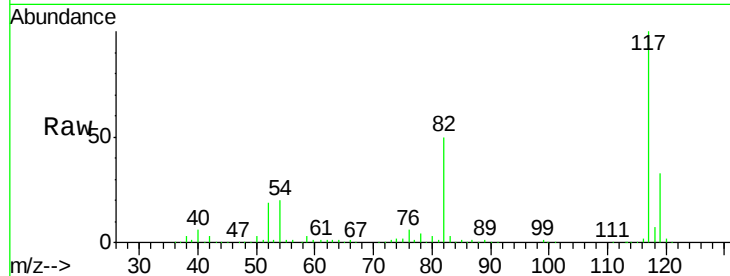




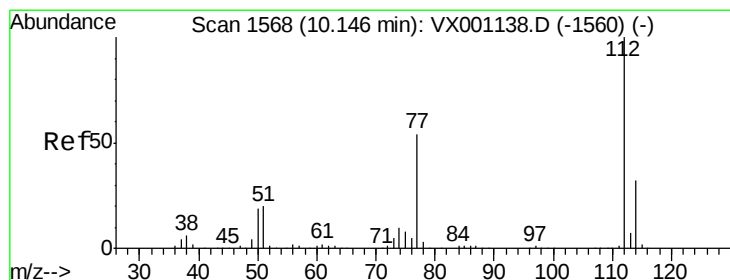
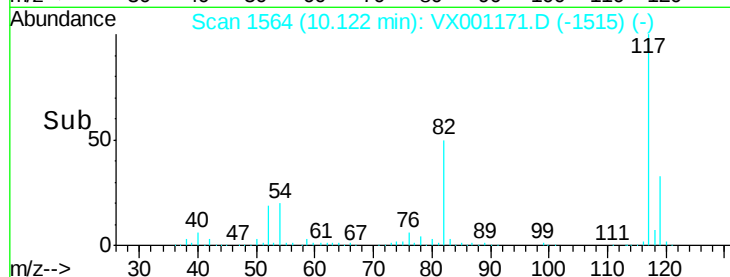
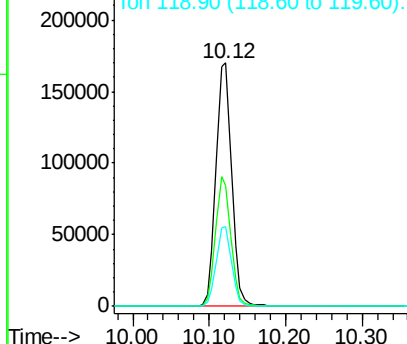
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001171.D
Acq: 27 Apr 2018 15:37

Instrument :
MSVOA_X
ClientSampleId :
LF001MW001-180418DL

Tot Ion:117 Resp: 243681
Ion Ratio Lower Upper
117 100
82 49.7 42.1 63.1
119 32.8 26.1 39.1

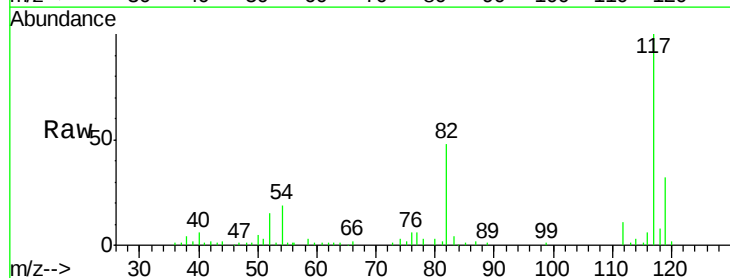


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

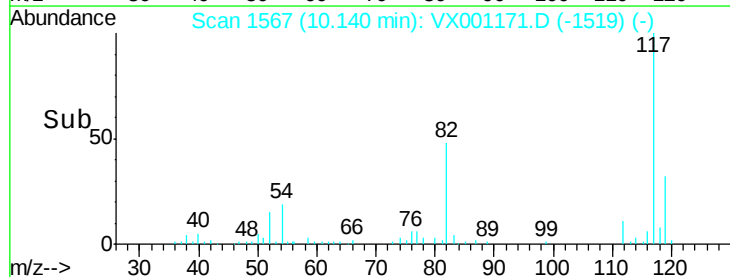
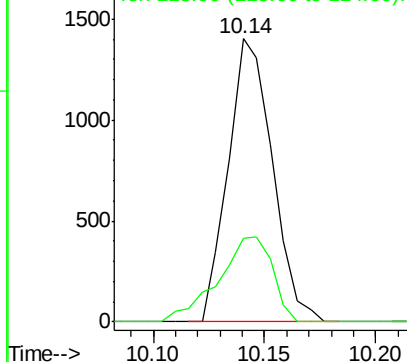


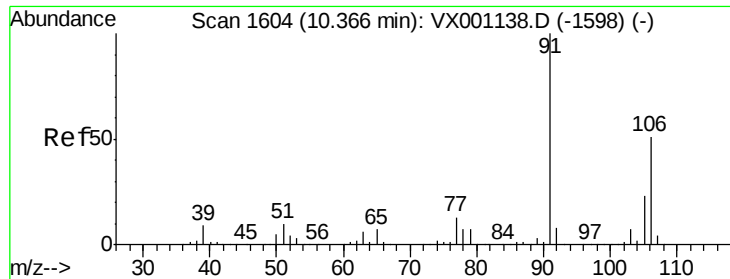
#65
Chlorobenzene
Concen: 0.30 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX001171.D
Acq: 27 Apr 2018 15:37

Tgt Ion:112 Resp: 1940
Ion Ratio Lower Upper
112 100
114 29.4 25.7 38.5



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

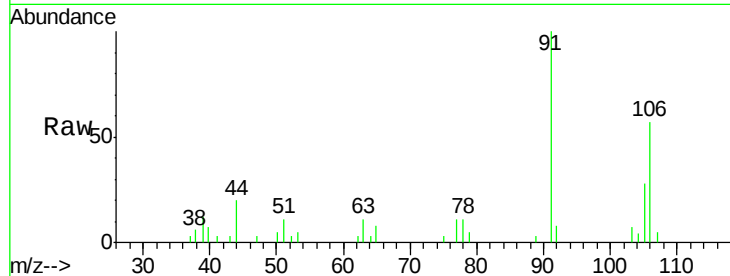




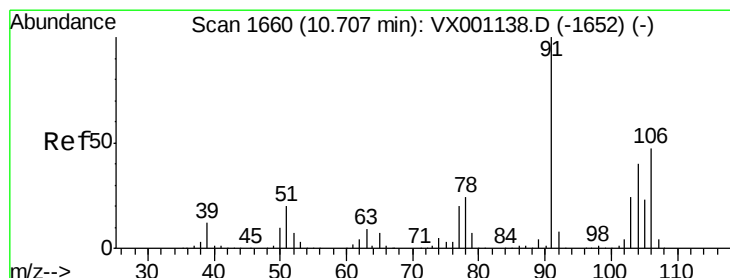
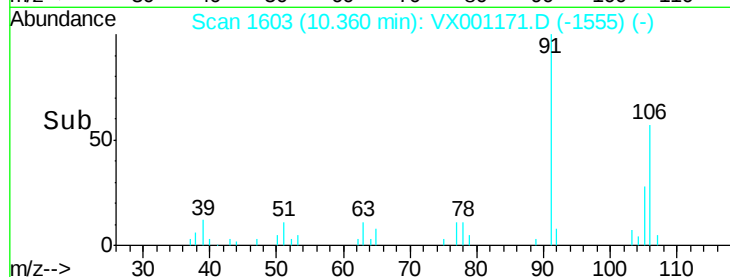
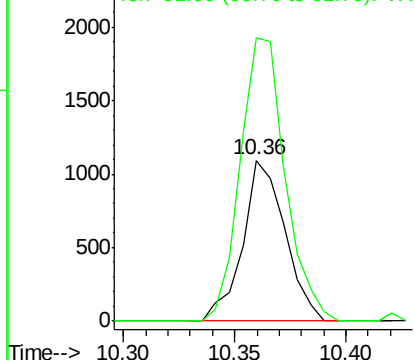
#68
m/p-Xylenes
Concen: 0.35 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX001171.D
Acq: 27 Apr 2018 15:37

Instrument :
MSVOA_X
ClientSampleId :
LF001MW001-180418DL

Tot Ion:106 Resp: 1455
Ion Ratio Lower Upper
106 100
91 186.7 160.9 241.3

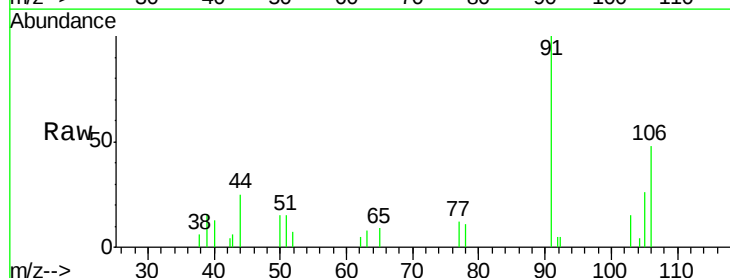


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

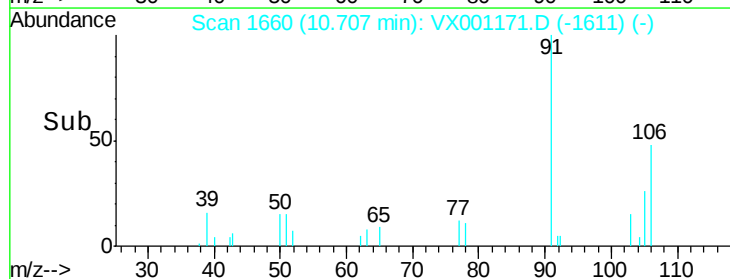
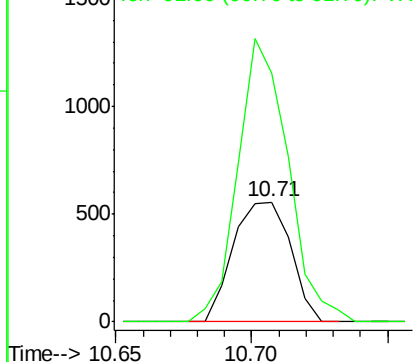


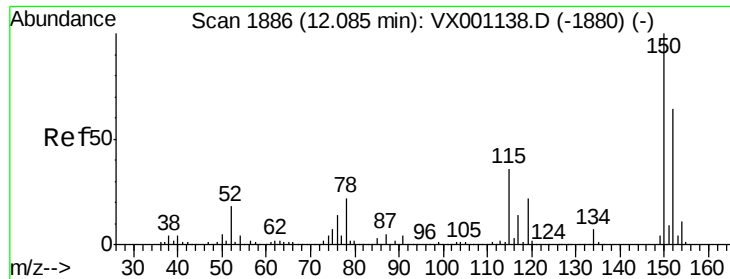
#69
o-Xylene
Concen: 0.20 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001171.D
Acq: 27 Apr 2018 15:37

Tgt Ion:106 Resp: 810
Ion Ratio Lower Upper
106 100
91 208.0 106.2 318.5



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001171.D

Acq: 27 Apr 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

LF001MW001-180418DL

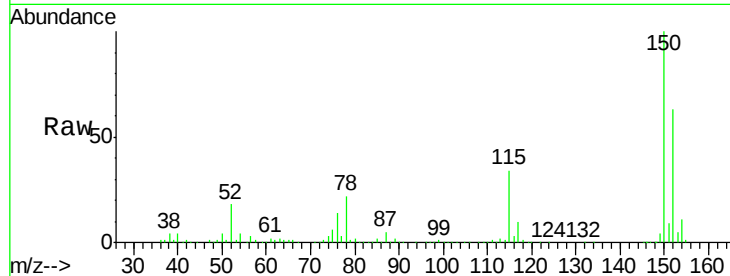
Tot Ion:152 Resp: 128079

Ion Ratio Lower Upper

152 100

115 53.4 38.0 114.0

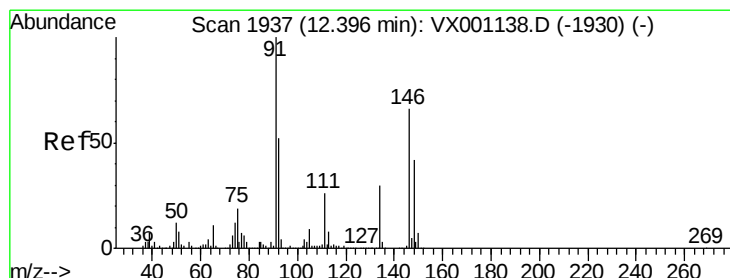
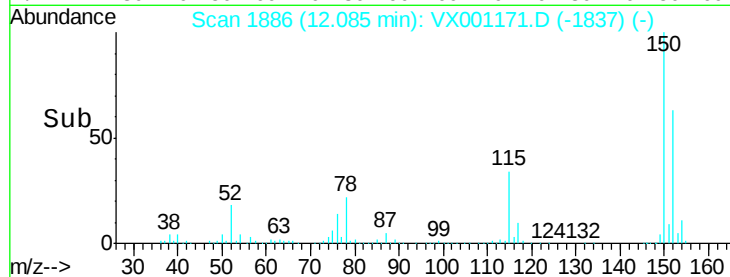
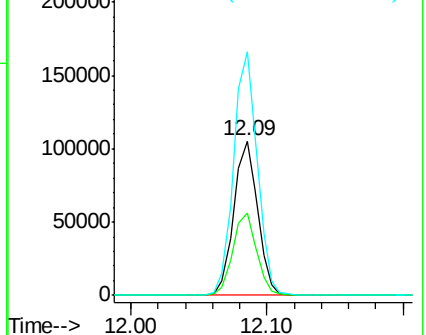
150 156.8 0.0 349.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#91

1,2-Dichlorobenzene

Concen: 0.78 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001171.D

Acq: 27 Apr 2018 15:37

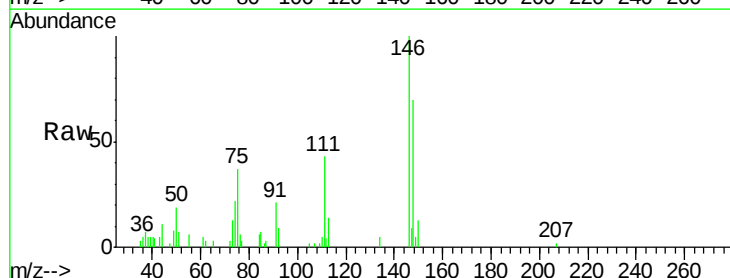
Tgt Ion:146 Resp: 3501

Ion Ratio Lower Upper

146 100

111 39.2 19.1 57.3

148 66.2 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

