

Data File : VX001015.D
Acq On : 20 Apr 2018 17:59
Operator : JC/MD
Sample : J2349-19
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LF012MW147-180410

Quant Time: Apr 21 06:32:20 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	235917	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	330273	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	308309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	205919	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	151713	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
35) Dibromofluoromethane	5.51	113	116637	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	
50) Toluene-d8	8.72	98	462942	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
62) 4-Bromofluorobenzene	11.14	95	182949	46.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.62%	

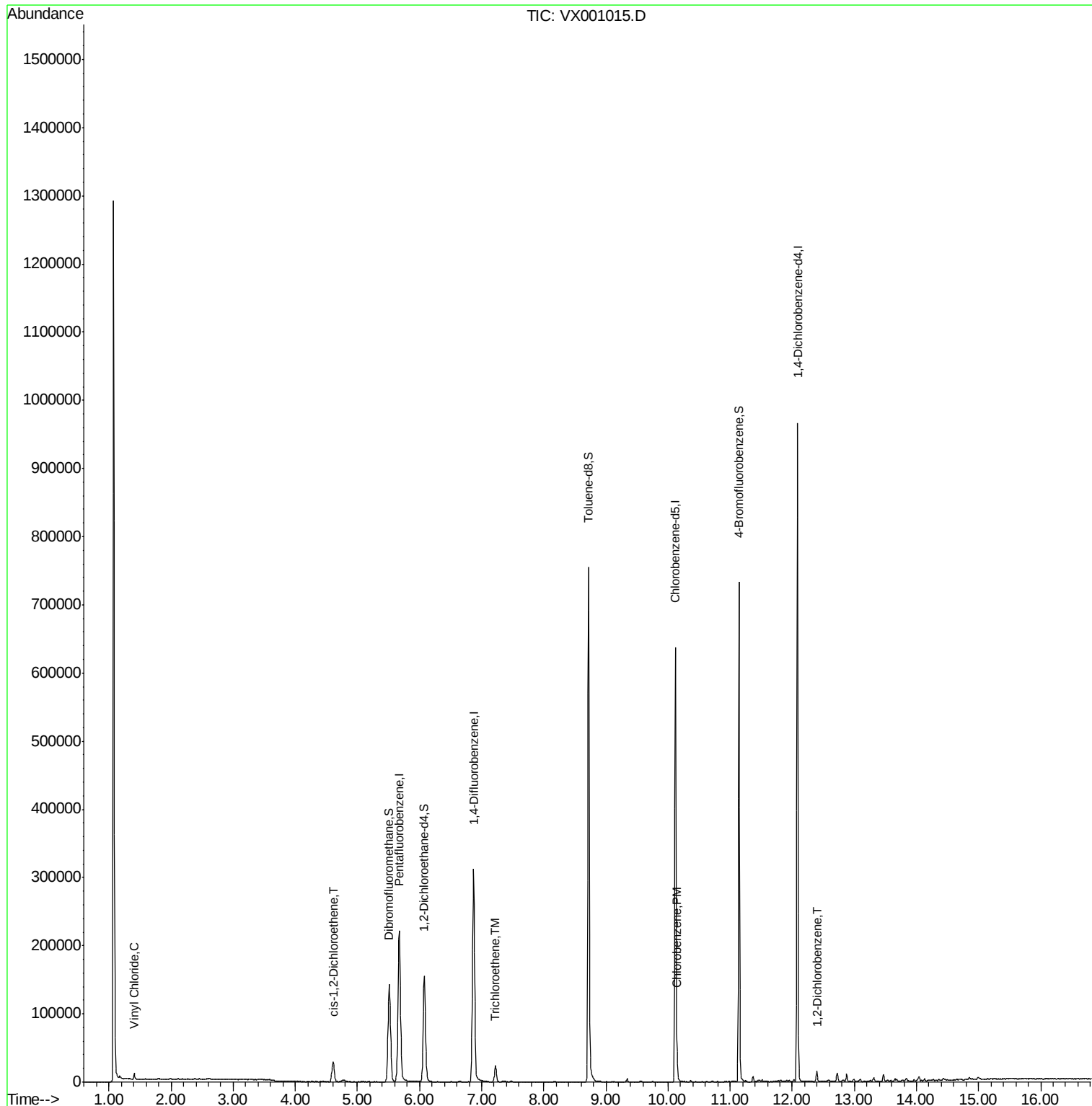
Target Compounds				Qvalue		
4) Vinyl Chloride	1.40	62	6294	2.23	ug/l	97
27) cis-1,2-Dichloroethene	4.61	96	18213	6.39	ug/l	90
44) Trichloroethene	7.22	130	9293	2.82	ug/l	98
65) Chlorobenzene	10.15	112	12249	1.49	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	3740	0.53	ug/l	97

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

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MSVOA_X

ClientSampleId :

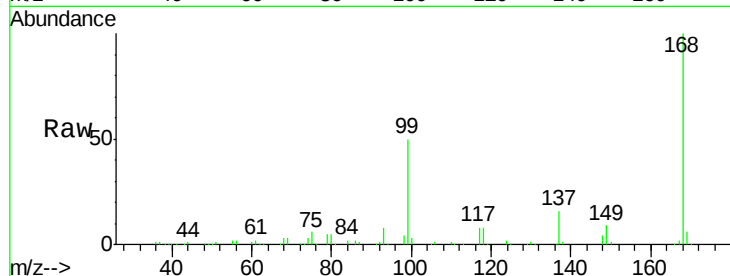
LF012MW147-180410

Tgt Ion:168 Resp: 235917

Ion Ratio Lower Upper

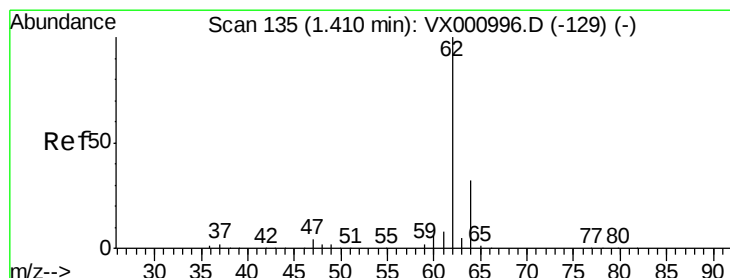
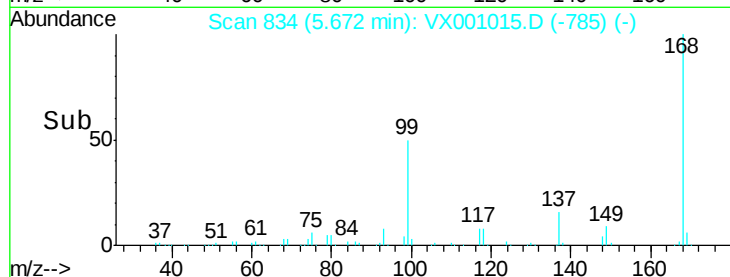
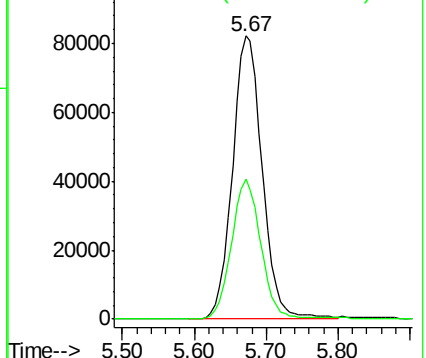
168 100

99 49.6 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 2.23 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX001015.D

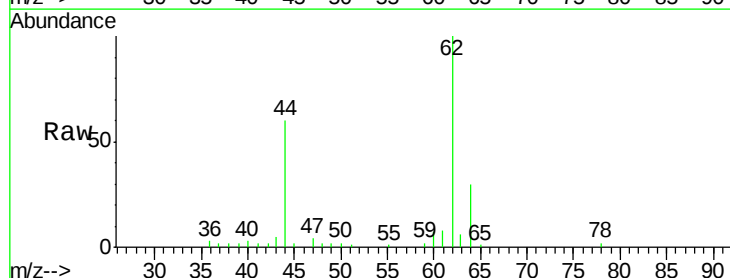
Acq: 20 Apr 2018 17:59

Tgt Ion: 62 Resp: 6294

Ion Ratio Lower Upper

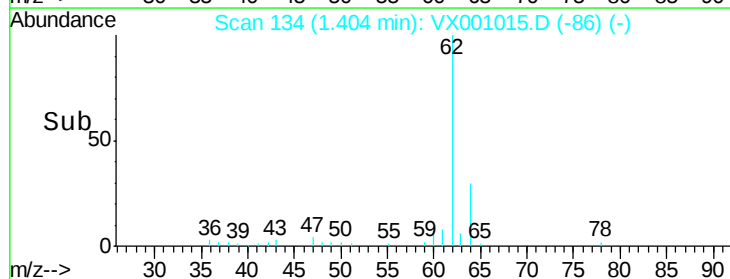
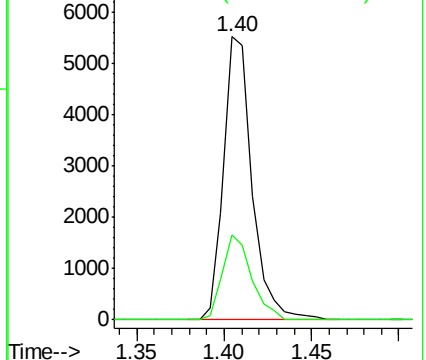
62 100

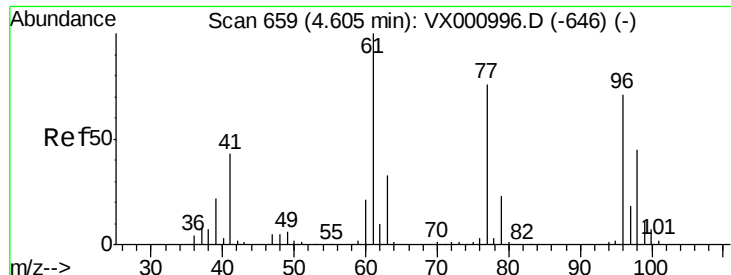
64 30.1 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 6.39 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX001015.D

Acq: 20 Apr 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

LF012MW147-180410

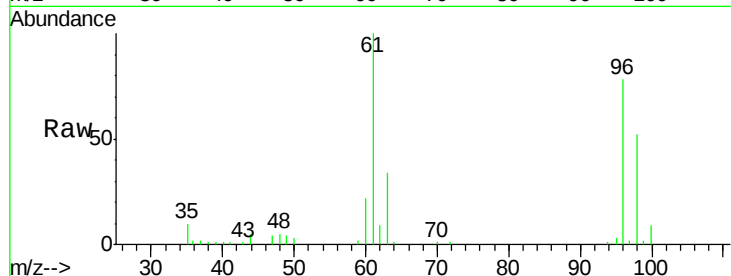
Tgt Ion: 96 Resp: 18213

Ion Ratio Lower Upper

96 100

61 130.0 0.0 297.0

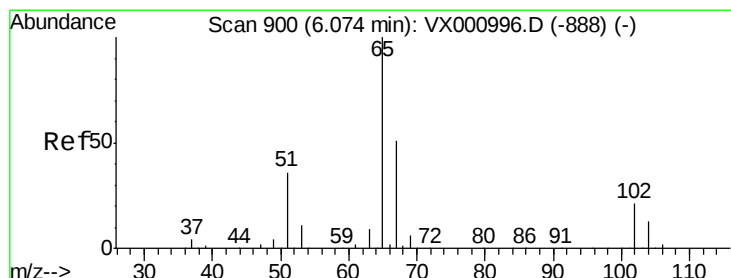
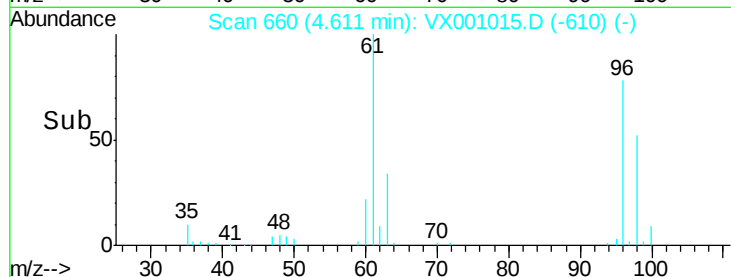
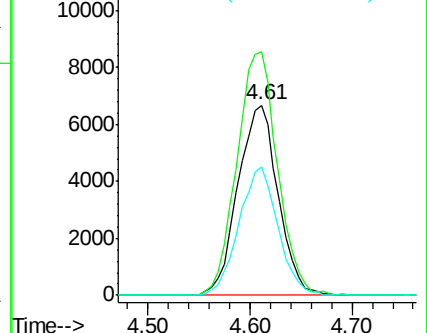
98 65.6 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.73 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001015.D

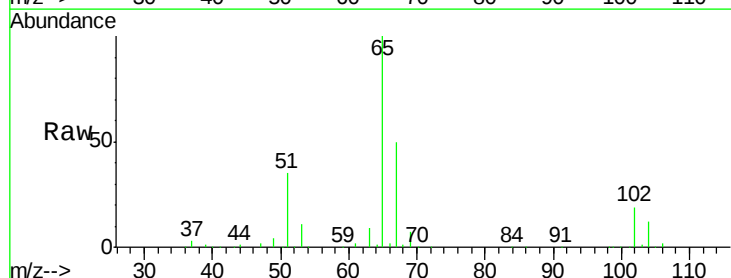
Acq: 20 Apr 2018 17:59

Tgt Ion: 65 Resp: 151713

Ion Ratio Lower Upper

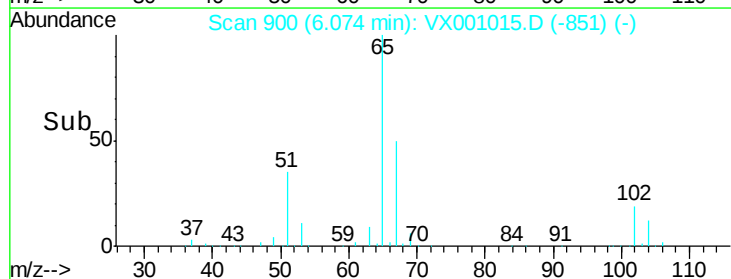
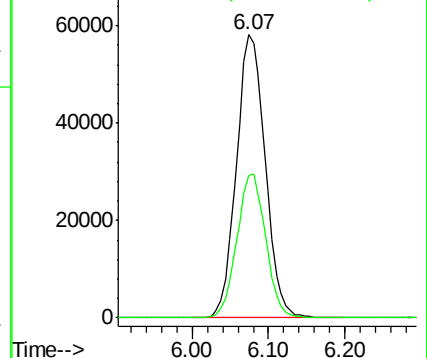
65 100

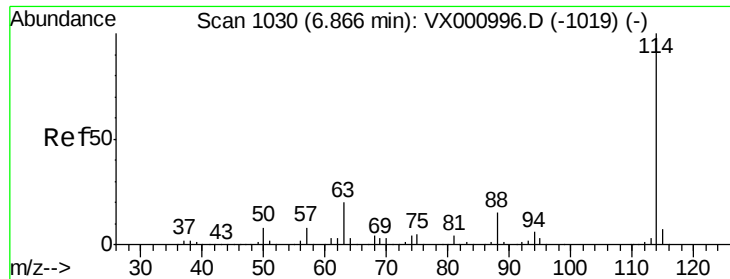
67 50.8 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001015.D

Acq: 20 Apr 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

LF012MW147-180410

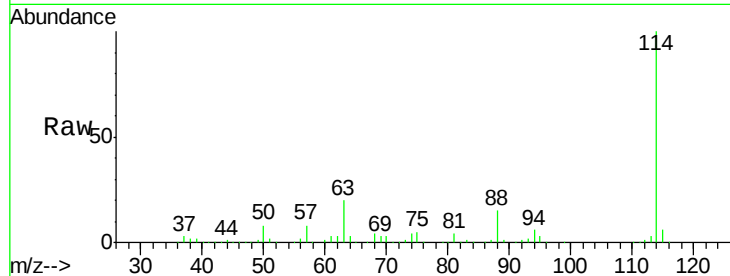
Tgt Ion:114 Resp: 330273

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.4

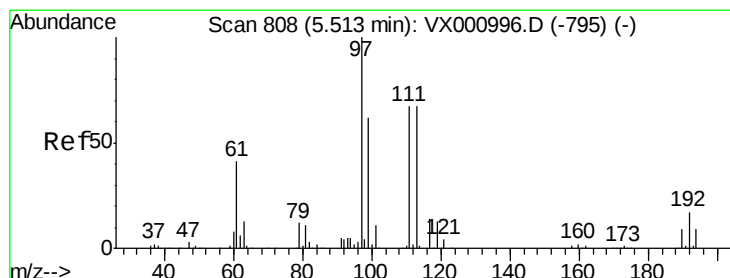
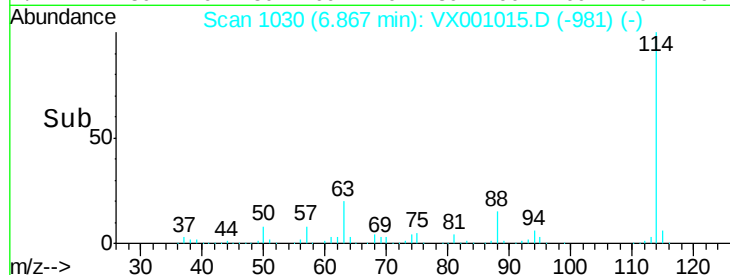
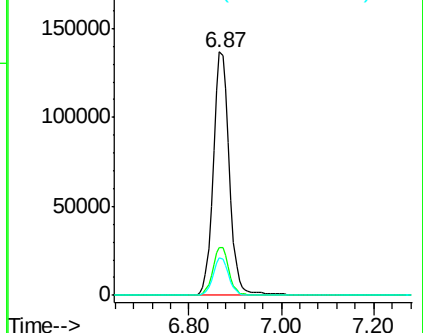
88 15.2 0.0 29.8



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: 46.31 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001015.D

Acq: 20 Apr 2018 17:59

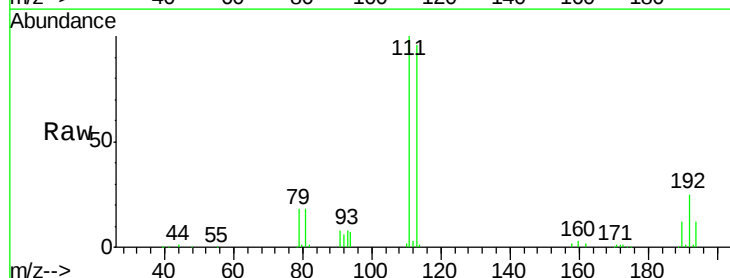
Tgt Ion:113 Resp: 116637

Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.2

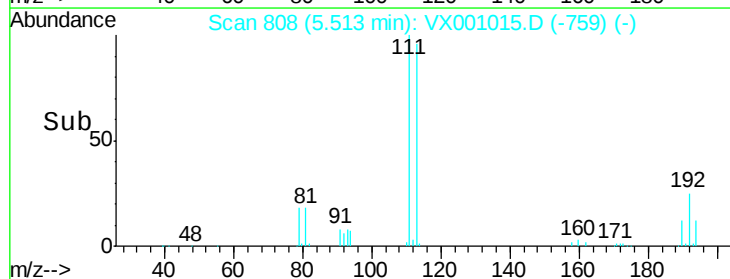
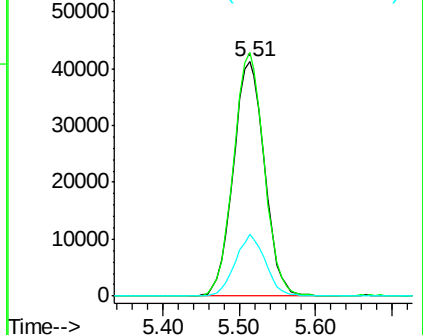
192 25.3 20.4 30.6

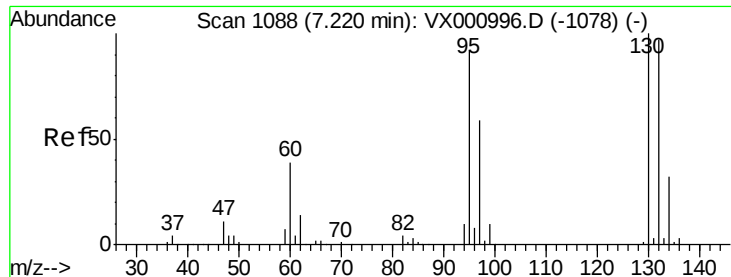


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 2.82 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001015.D

Acq: 20 Apr 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

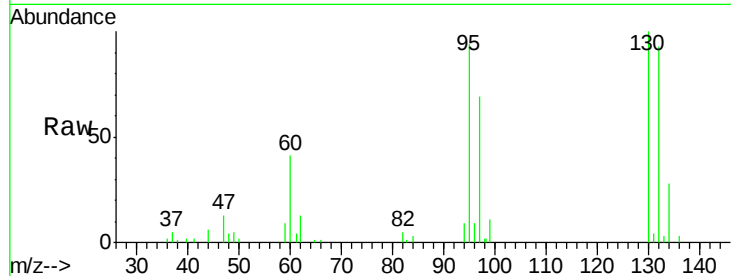
LF012MW147-180410

Tgt Ion:130 Resp: 9293

Ion Ratio Lower Upper

130 100

95 93.6 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.22

4000

3000

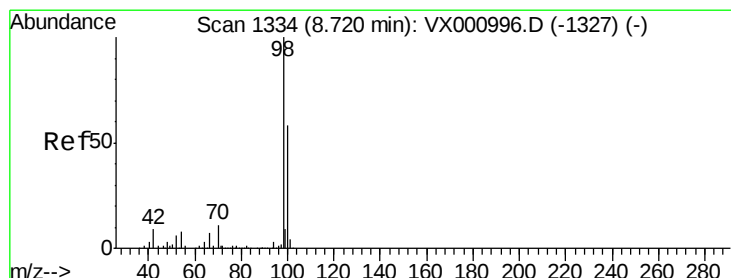
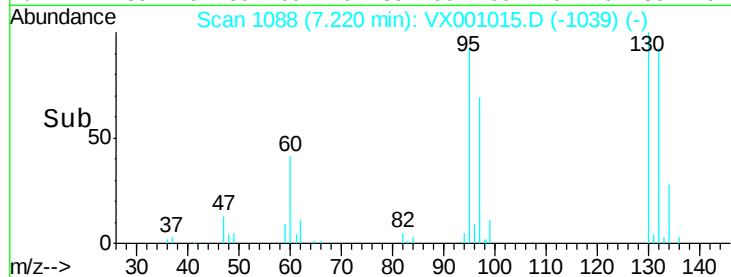
2000

1000

0

7.15 7.20 7.25 7.30

Time-->



#50

Toluene-d8

Concen: 49.71 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001015.D

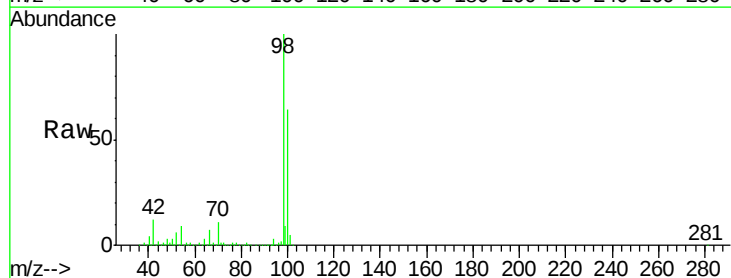
Acq: 20 Apr 2018 17:59

Tgt Ion: 98 Resp: 462942

Ion Ratio Lower Upper

98 100

100 63.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.72

300000

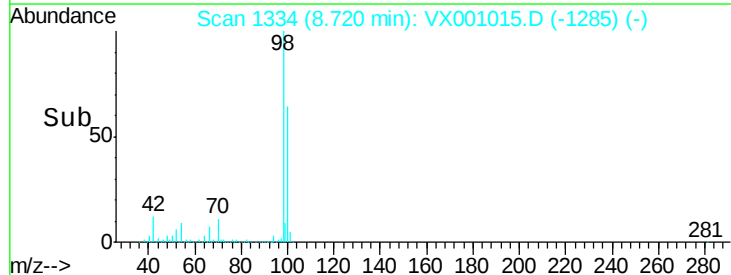
200000

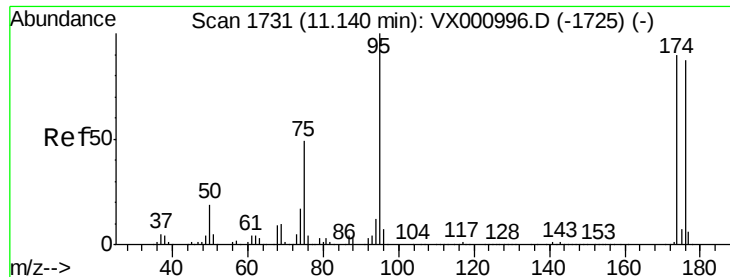
100000

0

8.60 8.70 8.80 8.90

Time-->

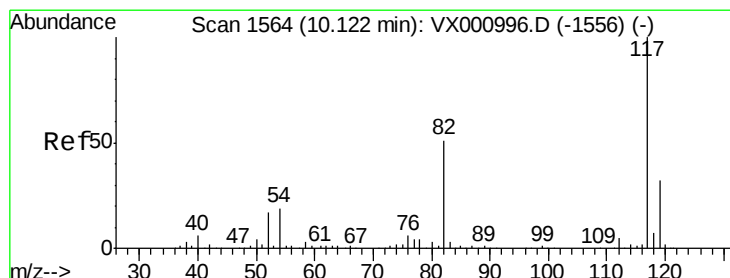
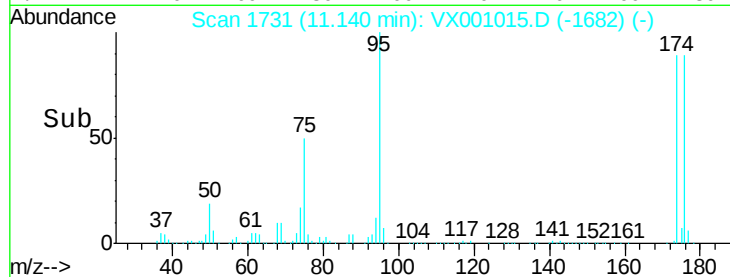
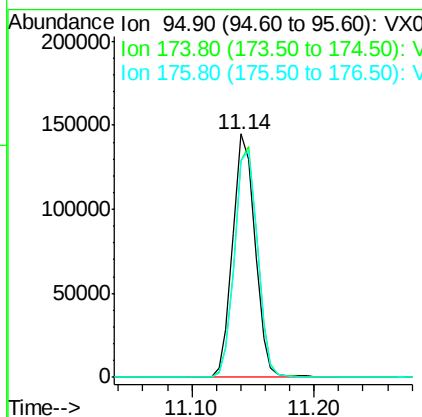
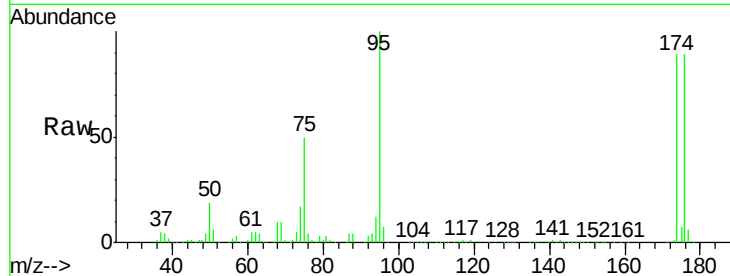




#62
 4-Bromofluorobenzene
 Concen: 46.81 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX001015.D
 Acq: 20 Apr 2018 17:59

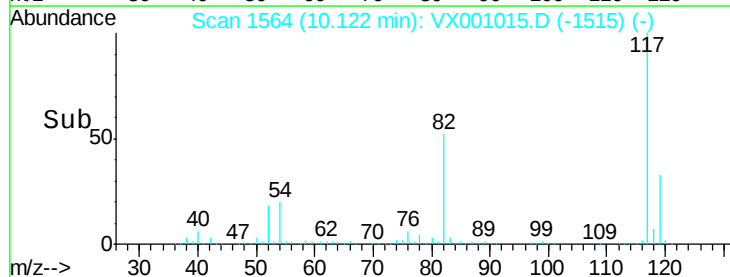
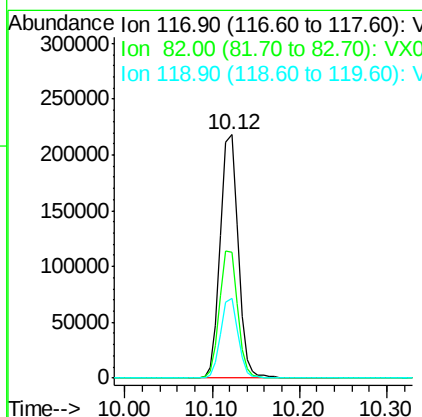
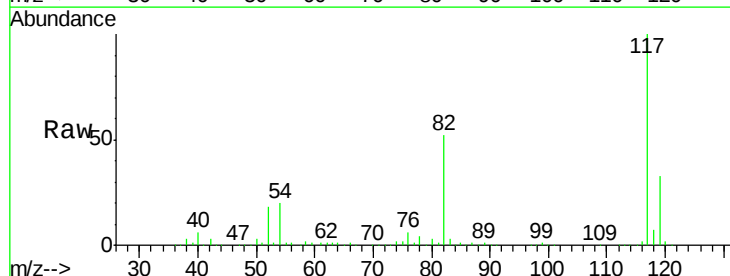
Instrument :
 MSVOA_X
 ClientSampleId :
 LF012MW147-180410

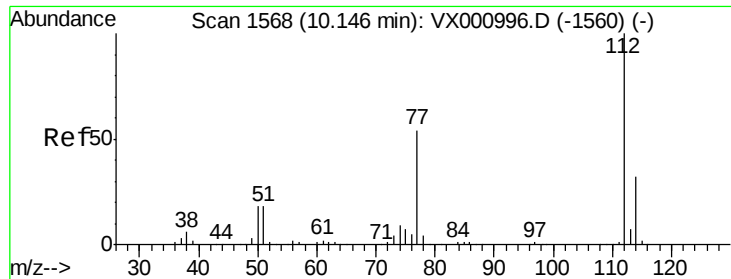
Tgt Ion: 95 Resp: 182949
 Ion Ratio Lower Upper
 95 100
 174 96.3 0.0 198.4
 176 95.1 0.0 192.0



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.12 min Scan# 1564
 Delta R.T. 0.00 min
 Lab File: VX001015.D
 Acq: 20 Apr 2018 17:59

Tgt Ion: 117 Resp: 308309
 Ion Ratio Lower Upper
 117 100
 82 51.7 40.6 60.8
 119 32.5 26.0 39.0





#65

Chlorobenzene

Concen: 1.49 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001015.D

Acq: 20 Apr 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

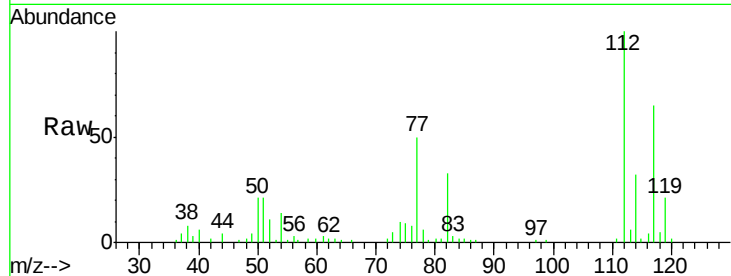
LF012MW147-180410

Tgt Ion:112 Resp: 12249

Ion Ratio Lower Upper

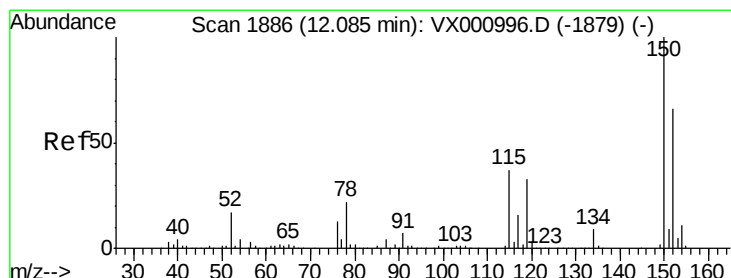
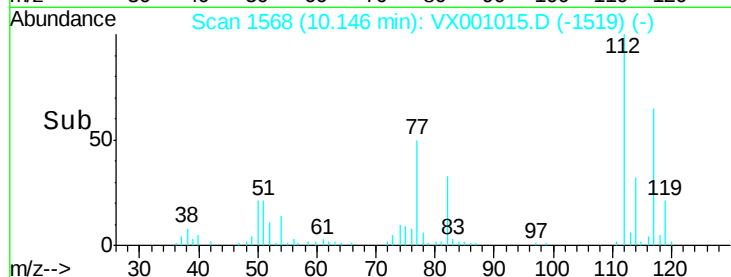
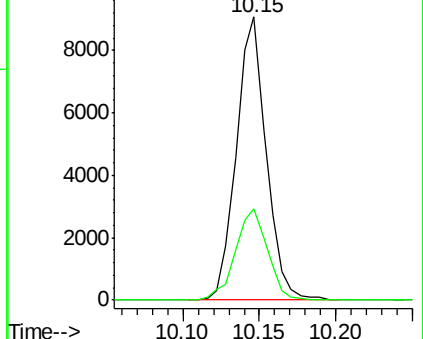
112 100

114 32.2 25.5 38.3



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: VX001015.D

Acq: 20 Apr 2018 17:59

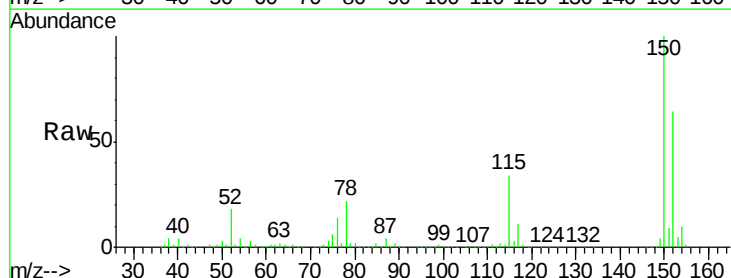
Tgt Ion:152 Resp: 205919

Ion Ratio Lower Upper

152 100

115 54.5 38.2 114.6

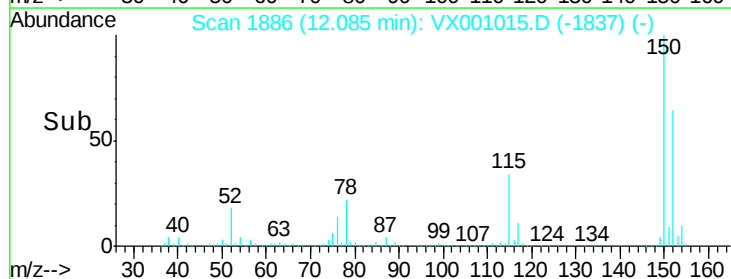
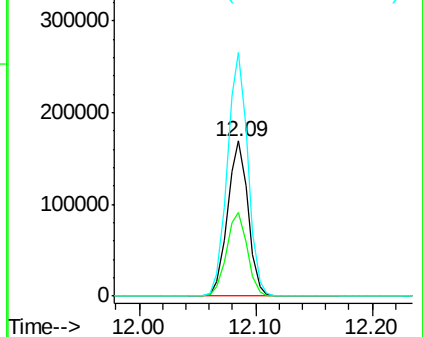
150 156.5 0.0 350.4

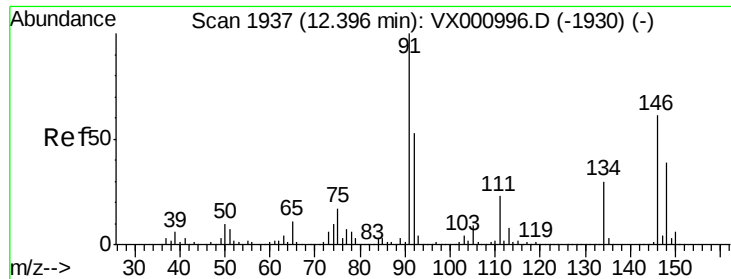


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#91
 1,2-Dichlorobenzene
 Concen: 0.53 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001015.D
 Acq: 20 Apr 2018 17:59

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012MW147-180410

Tgt Ion:146 Resp: 3740
 Ion Ratio Lower Upper
 146 100
 111 41.1 18.6 56.0
 148 65.0 32.3 96.8

