

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\
 Data File : VX000955.D
 Acq On : 17 Apr 2018 07:31
 Operator : JC/MD
 Sample : J2349-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012MW001-180410

Quant Time: Apr 17 08:11:33 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

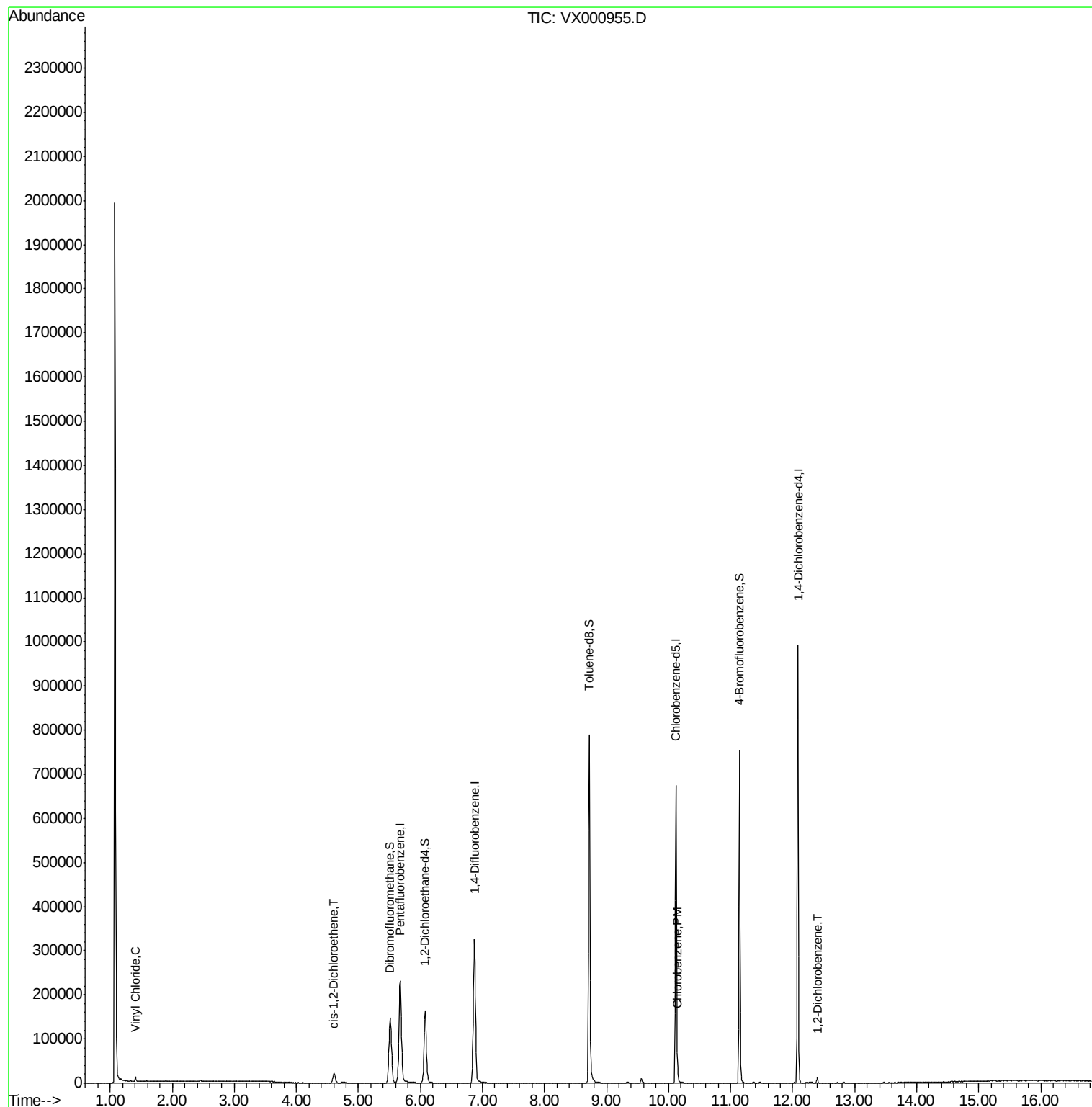
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	249696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	351526	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	330634	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	217193	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	158016	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
35) Dibromofluoromethane	5.51	113	124186	45.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.70%	
50) Toluene-d8	8.72	98	490620	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
62) 4-Bromofluorobenzene	11.14	95	190829	45.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.48%	
Target Compounds						
4) Vinyl Chloride	1.41	62	6422	2.36	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	13900	4.85	ug/l	88
65) Chlorobenzene	10.15	112	5705	0.69	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	3601	0.50	ug/l	95

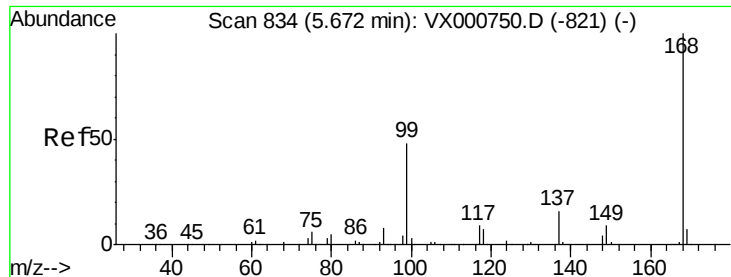
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000955.D

Acq: 17 Apr 2018 07:31

Instrument :

MSVOA_X

ClientSampleId :

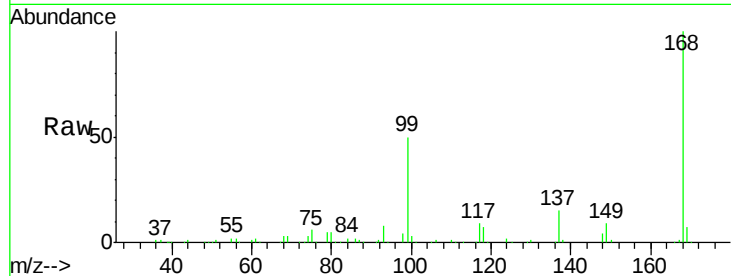
LF012MW001-180410

Tot Ion:168 Resp: 249696

Ion Ratio Lower Upper

168 100

99 49.6 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

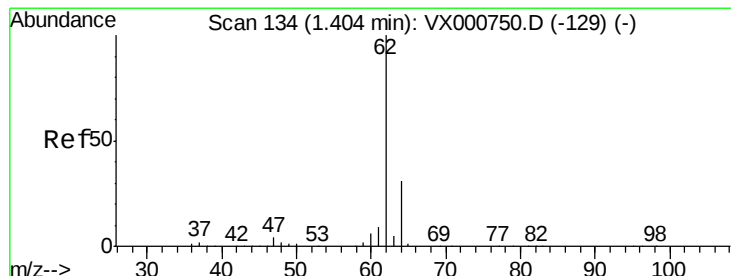
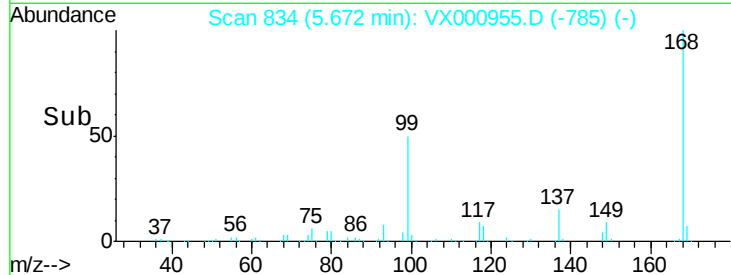
40000

20000

0

Time-->

5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 2.36 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX000955.D

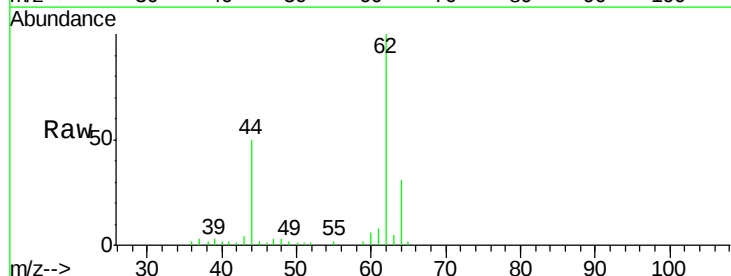
Acq: 17 Apr 2018 07:31

Tgt Ion: 62 Resp: 6422

Ion Ratio Lower Upper

62 100

64 31.3 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

6000

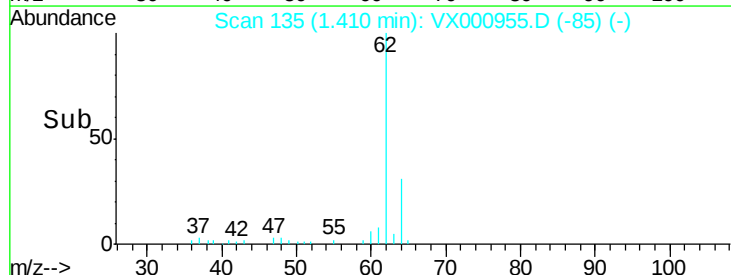
4000

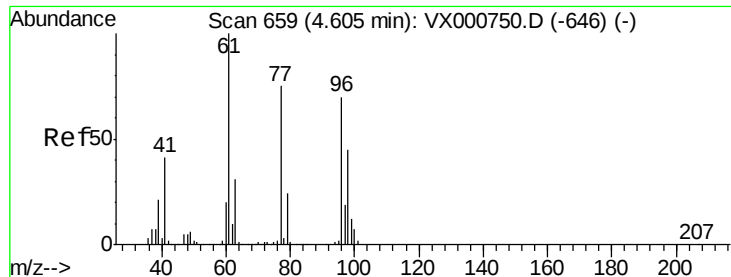
2000

0

Time-->

1.35 1.40 1.45





#27

cis-1,2-Dichloroethene

Concen: 4.85 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000955.D

Acq: 17 Apr 2018 07:31

Instrument :

MSVOA_X

ClientSampleId :

LF012MW001-180410

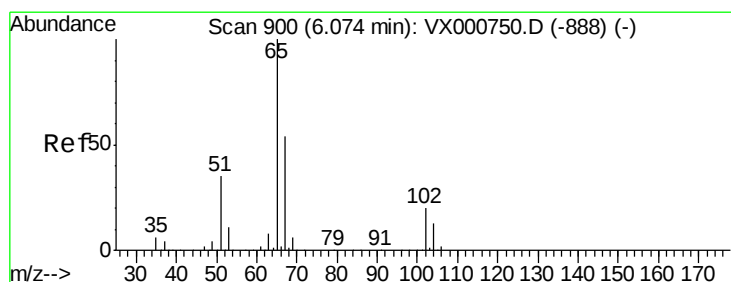
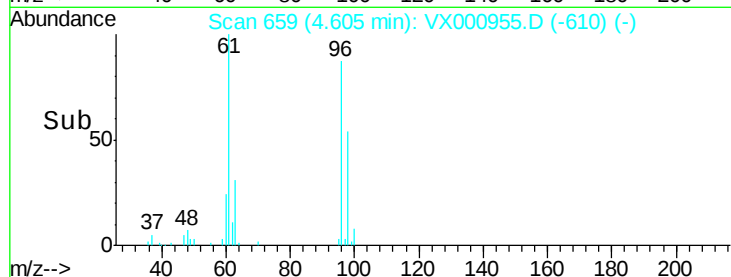
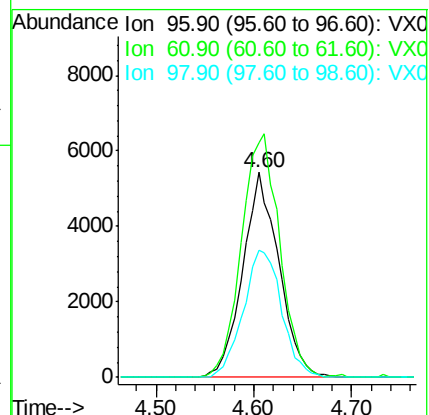
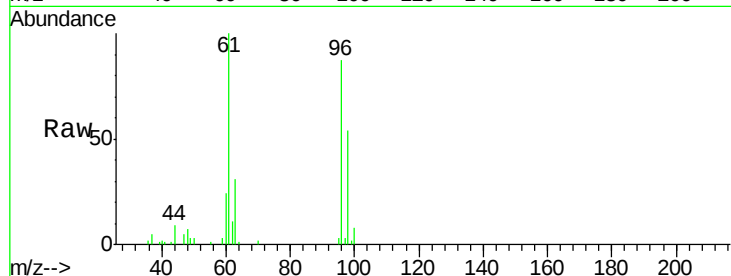
Tot Ion: 96 Resp: 13900

Ion Ratio Lower Upper

96 100

61 125.9 0.0 292.4

98 65.8 0.0 130.2



#33

1,2-Dichloroethane-d4

Concen: 50.19 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX000955.D

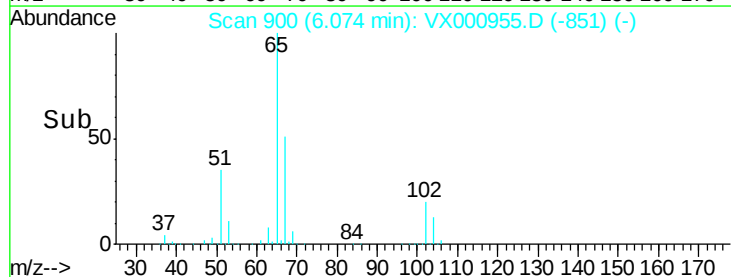
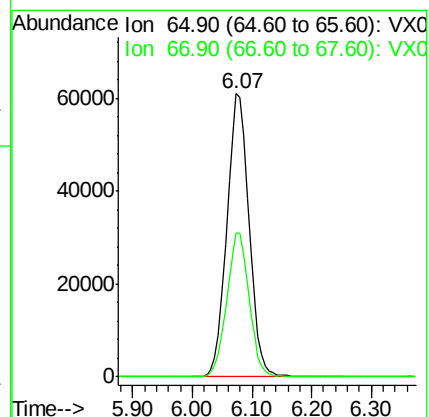
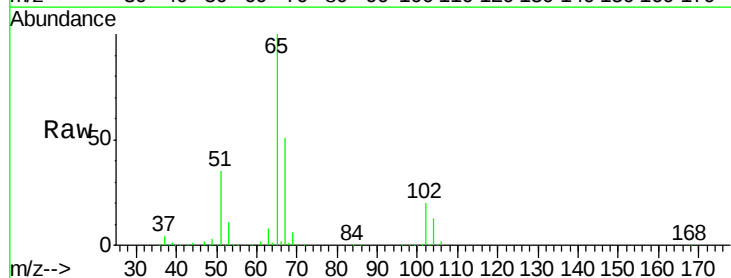
Acq: 17 Apr 2018 07:31

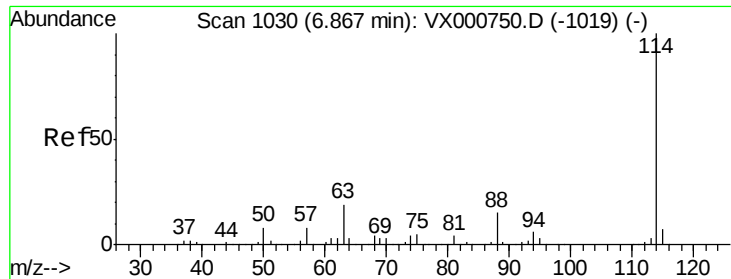
Tgt Ion: 65 Resp: 158016

Ion Ratio Lower Upper

65 100

67 51.2 0.0 103.8

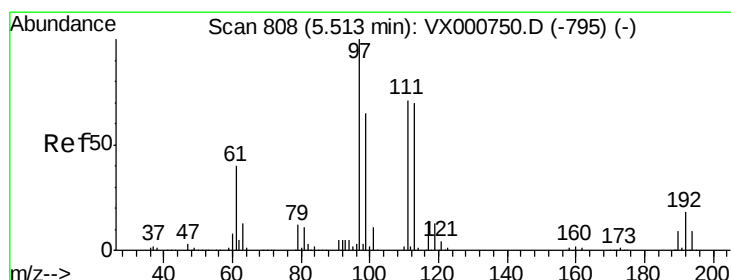
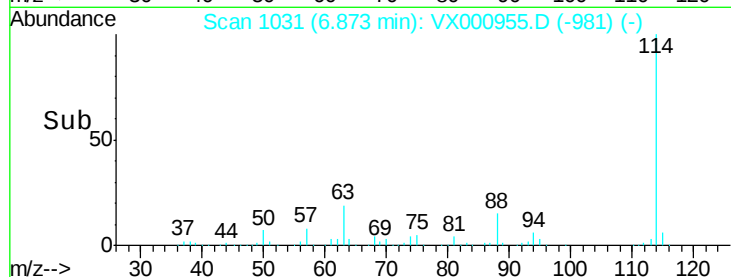
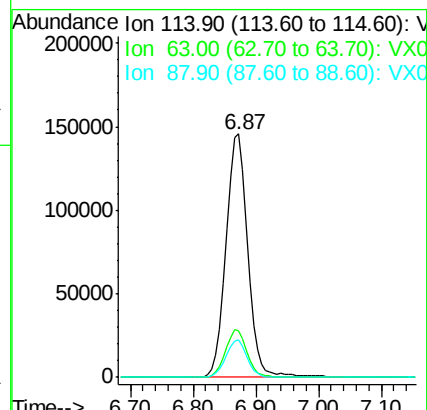
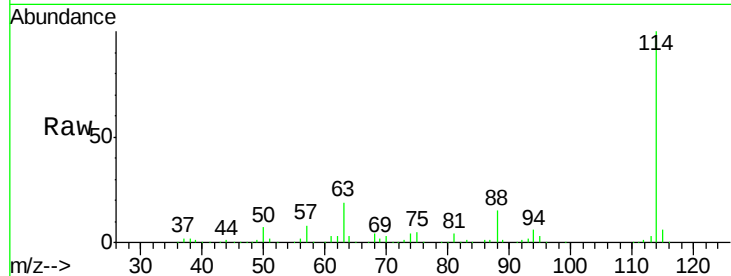




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX000955.D
 Acq: 17 Apr 2018 07:31

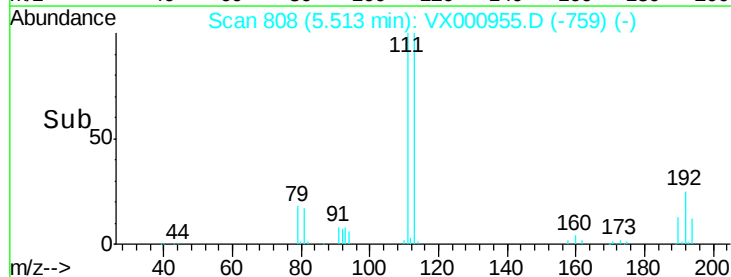
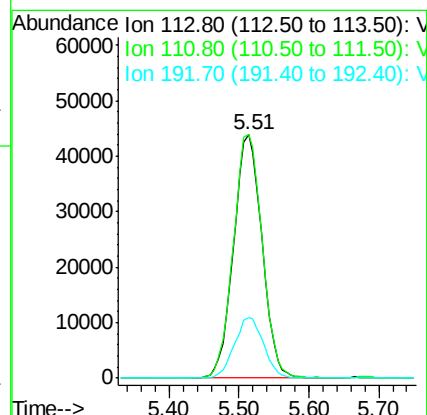
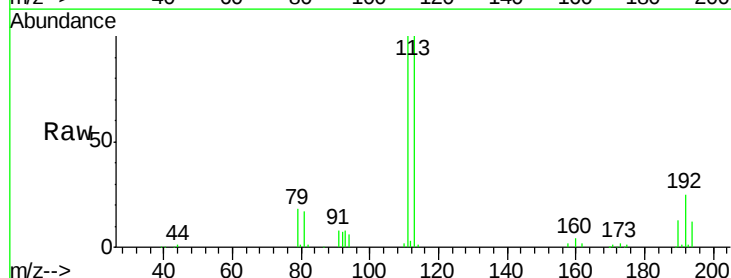
Instrument :
 MSVOA_X
 ClientSampleId :
 LF012MW001-180410

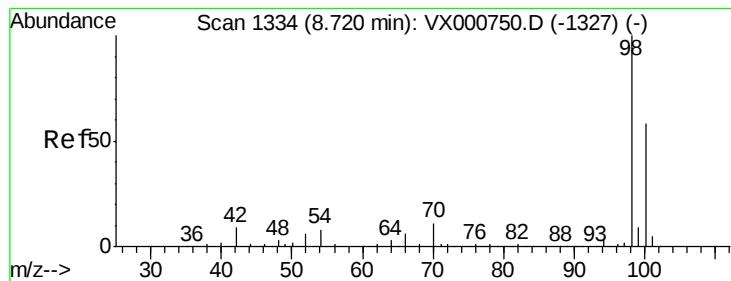
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	38.4
88	15.3	0.0	31.0



#35
 Dibromofluoromethane
 Concen: 45.85 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000955.D
 Acq: 17 Apr 2018 07:31

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.5	122.3
192	25.4	20.4	30.6





#50

Toluene-d8

Concen: 48.65 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX000955.D

Acq: 17 Apr 2018 07:31

Instrument :

MSVOA_X

ClientSampleId :

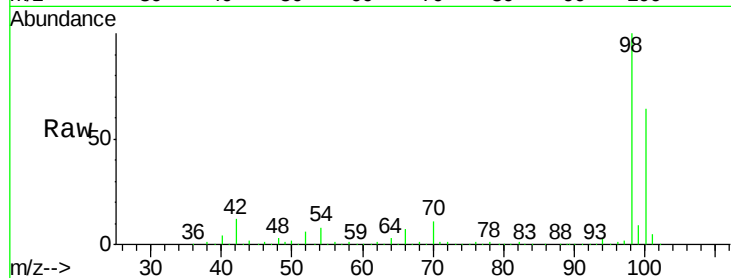
LF012MW001-180410

Tot Ion: 98 Resp: 490620

Ion Ratio Lower Upper

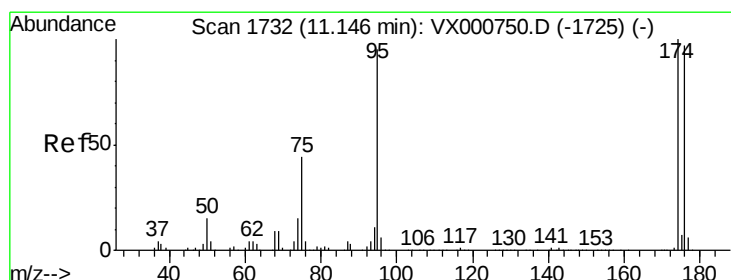
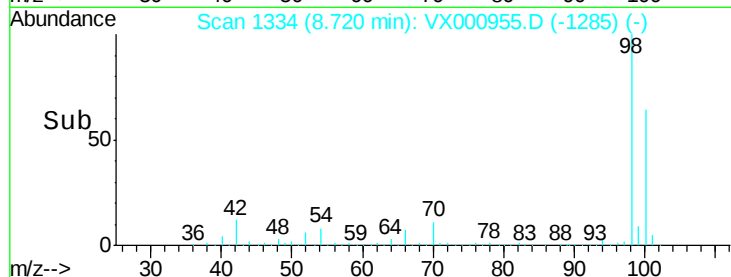
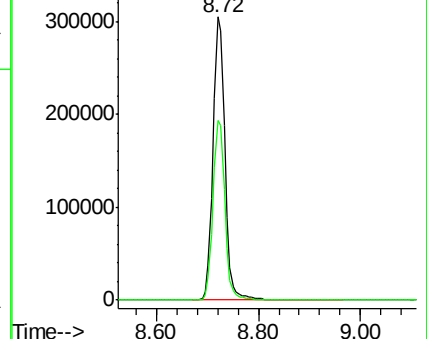
98 100

100 64.2 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 45.74 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000955.D

Acq: 17 Apr 2018 07:31

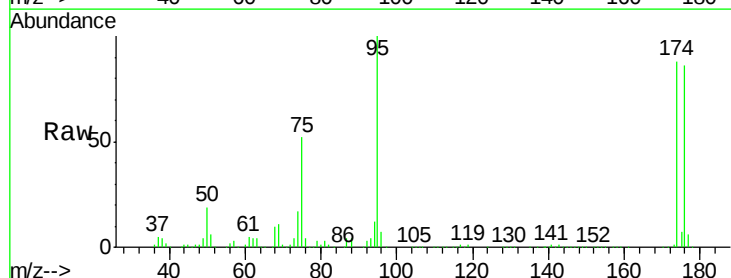
Tgt Ion: 95 Resp: 190829

Ion Ratio Lower Upper

95 100

174 98.7 0.0 198.4

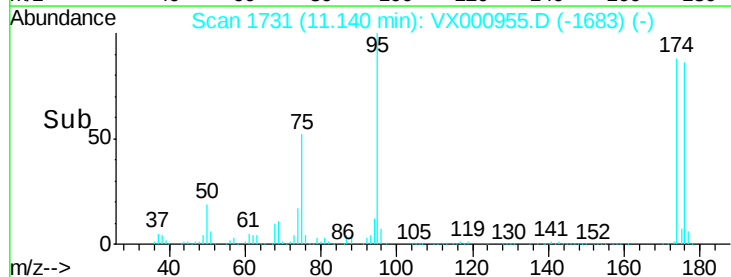
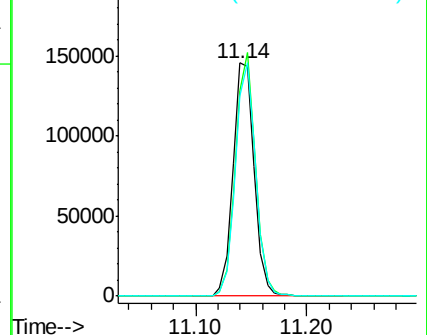
176 96.1 0.0 194.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

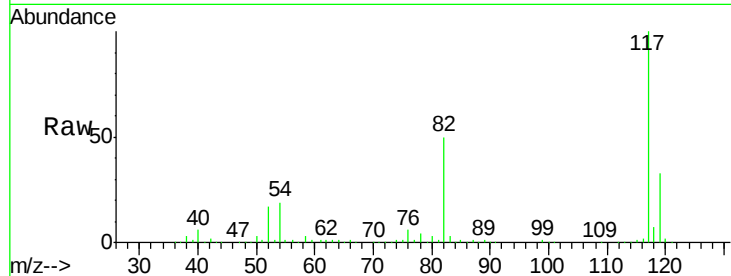




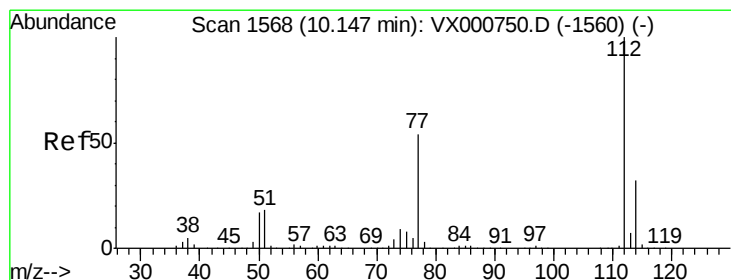
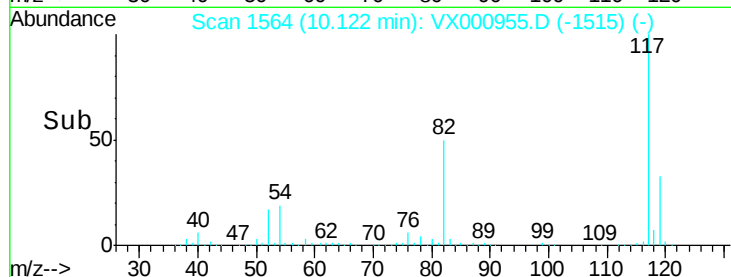
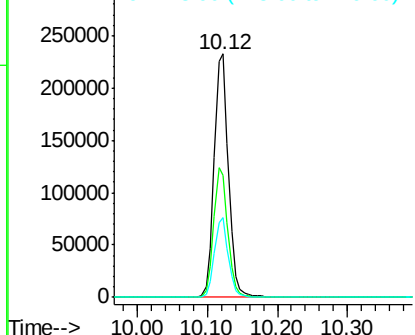
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000955.D
Acq: 17 Apr 2018 07:31

Instrument :
MSVOA_X
ClientSampleId :
LF012MW001-180410

Tot Ion:117 Resp: 330634
Ion Ratio Lower Upper
117 100
82 49.9 41.9 62.9
119 32.8 26.0 39.0

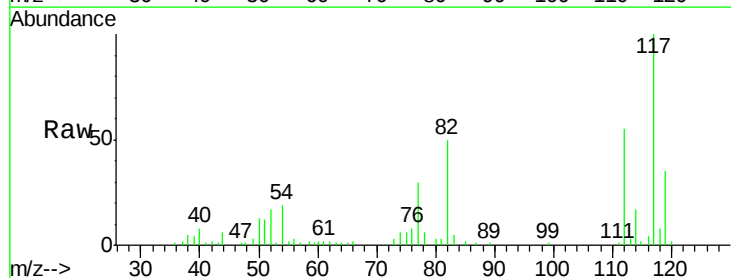


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

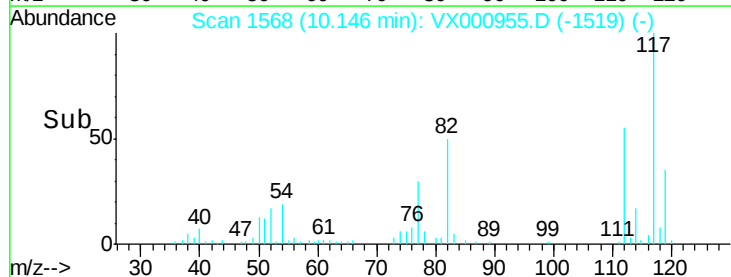
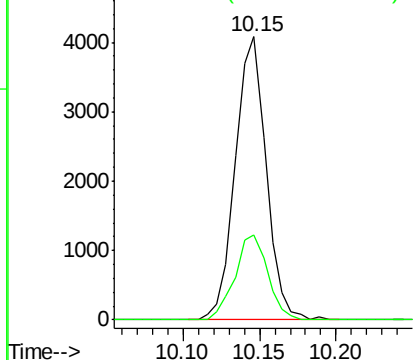


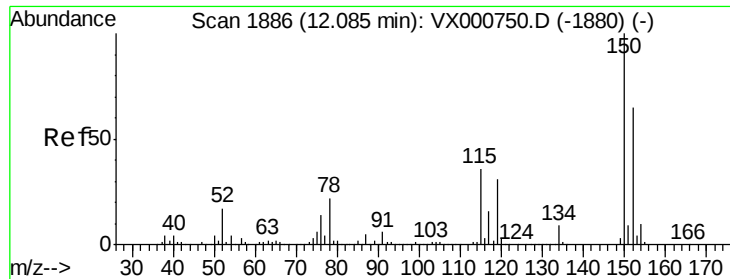
#65
Chlorobenzene
Concen: 0.69 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000955.D
Acq: 17 Apr 2018 07:31

Tgt Ion:112 Resp: 5705
Ion Ratio Lower Upper
112 100
114 30.1 25.8 38.8



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: VX000955.D

Acq: 17 Apr 2018 07:31

Instrument :

MSVOA_X

ClientSampleId :

LF012MW001-180410

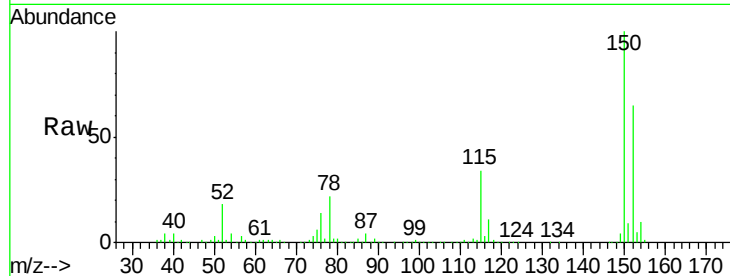
Tot Ion:152 Resp: 217193

Ion Ratio Lower Upper

152 100

115 53.7 37.9 113.7

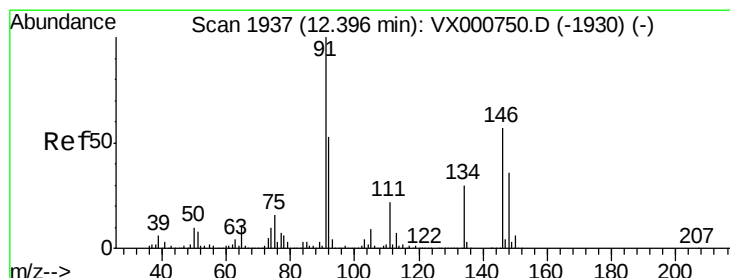
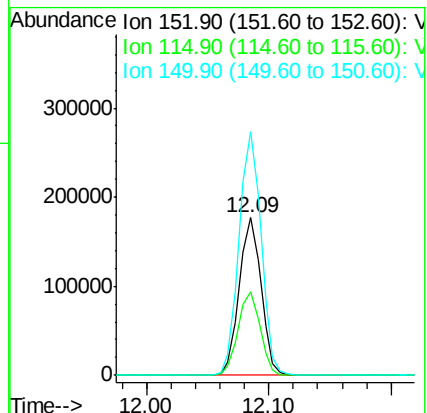
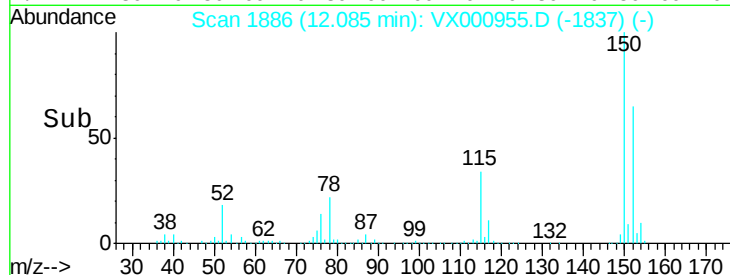
150 155.9 0.0 348.0



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: 0.50 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000955.D

Acq: 17 Apr 2018 07:31

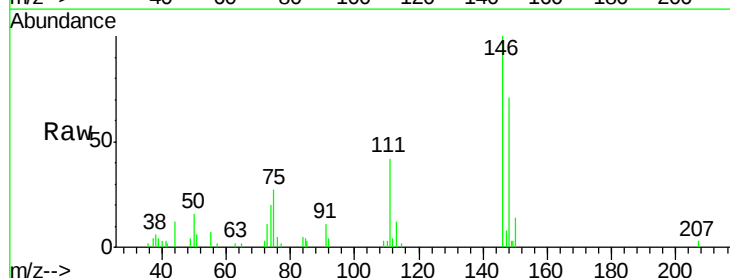
Tgt Ion:146 Resp: 3601

Ion Ratio Lower Upper

146 100

111 39.9 18.9 56.7

148 68.2 32.0 96.2



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

