

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042318\
 Data File : VX001058.D
 Acq On : 23 Apr 2018 15:02
 Operator : JC/MD
 Sample : J2377-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014MW006-180412

Quant Time: Apr 24 07:31:37 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

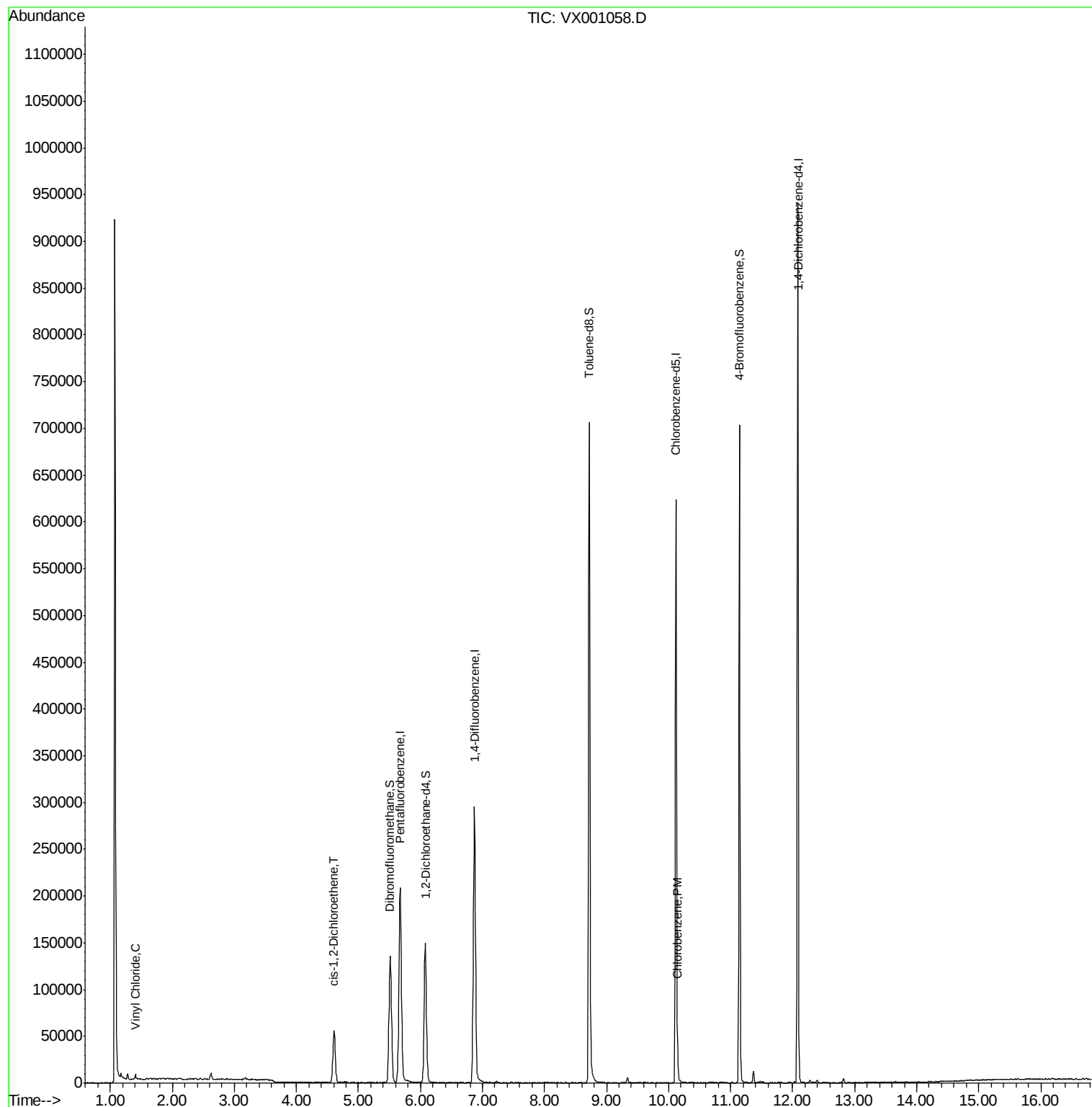
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	222002	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	312465	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	296597	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	201899	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	145776	51.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.60%	
35) Dibromofluoromethane	5.51	113	110547	46.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.80%	
50) Toluene-d8	8.72	98	440260	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
62) 4-Bromofluorobenzene	11.14	95	174605	47.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.44%	
Target Compounds						
4) Vinyl Chloride	1.40	62	2467	0.93	ug/l	98
27) cis-1,2-Dichloroethene	4.61	96	34861	13.00	ug/l	89
65) Chlorobenzene	10.15	112	8342	1.06	ug/l	97

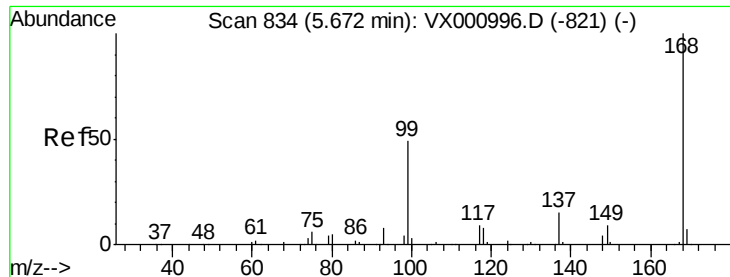
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001058.D

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MSVOA_X

ClientSampleId :

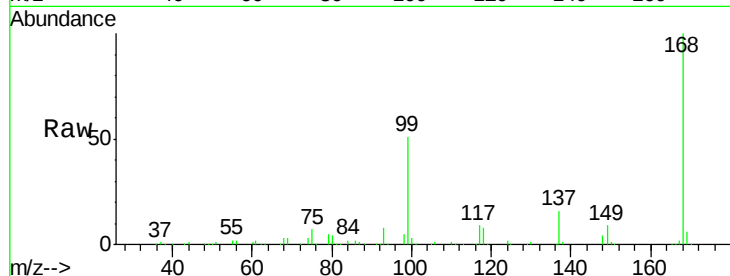
LF014MW006-180412

Tot Ion:168 Resp: 222002

Ion Ratio Lower Upper

168 100

99 50.6 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

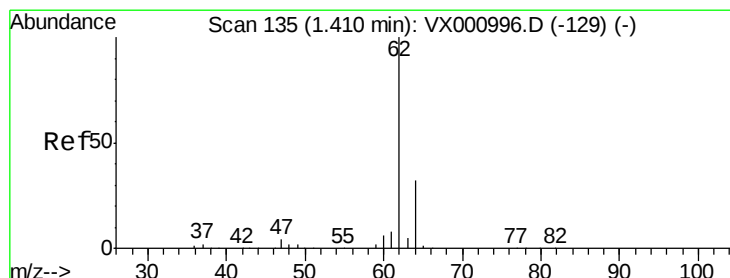
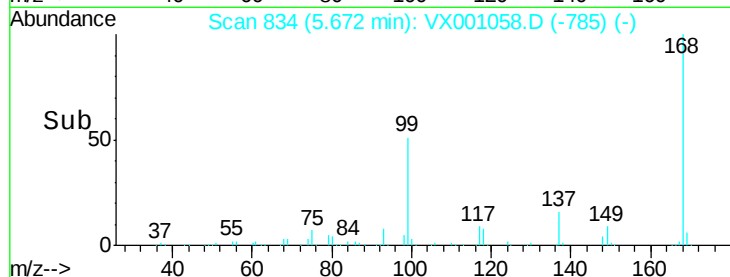
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80 5.90



#4

Vinyl Chloride

Concen: 0.93 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX001058.D

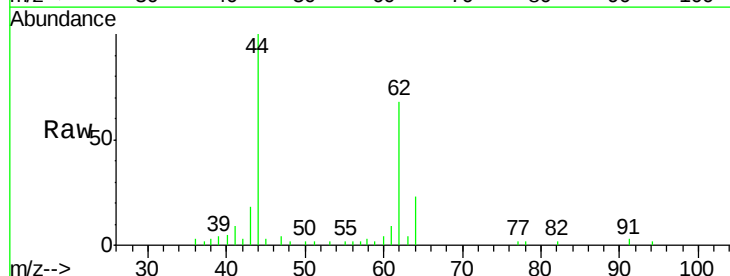
Acq: 23 Apr 2018 15:02

Tgt Ion: 62 Resp: 2467

Ion Ratio Lower Upper

62 100

64 33.0 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

2500

2000

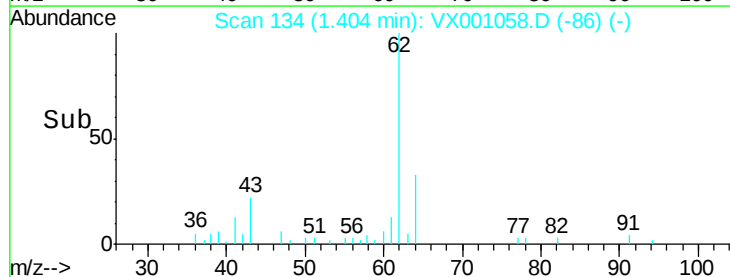
1500

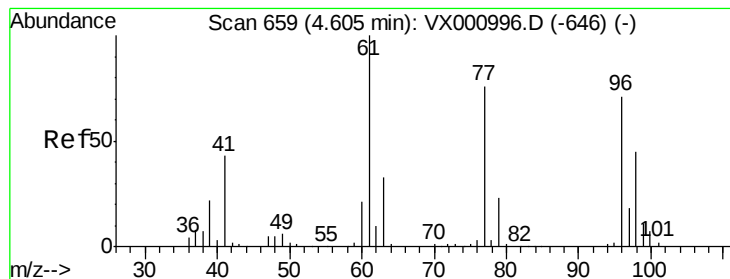
1000

500

0

Time--> 1.35 1.40 1.45





#27

cis-1,2-Dichloroethene

Concen: 13.00 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX001058.D

Acq: 23 Apr 2018 15:02

Instrument :

MSVOA_X

ClientSampleId :

LF014MW006-180412

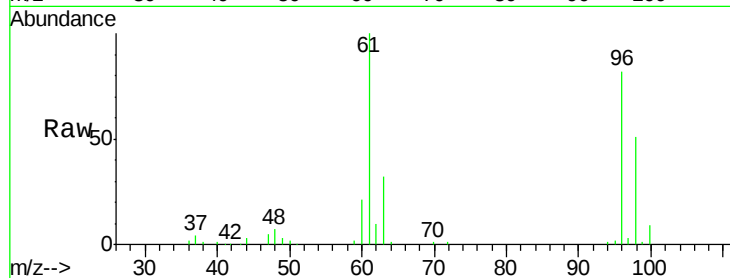
Tot Ion: 96 Resp: 34861

Ion Ratio Lower Upper

96 100

61 129.0 0.0 297.0

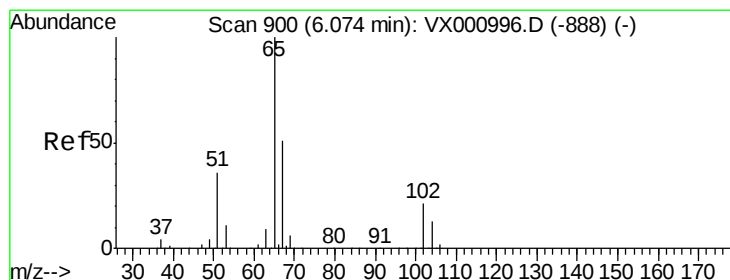
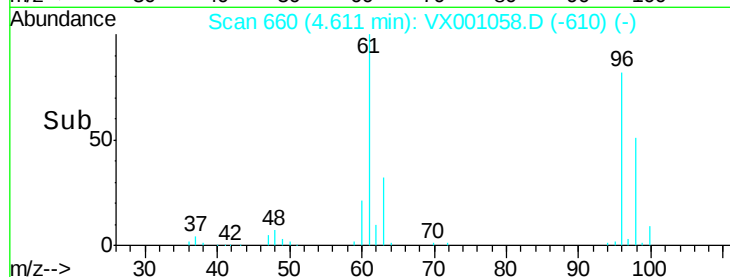
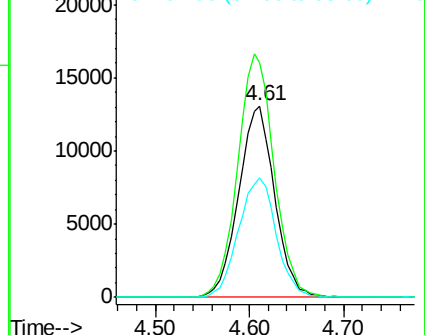
98 65.3 0.0 130.0



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: 51.80 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001058.D

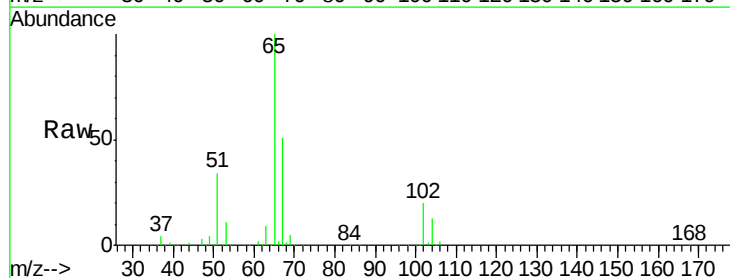
Acq: 23 Apr 2018 15:02

Tgt Ion: 65 Resp: 145776

Ion Ratio Lower Upper

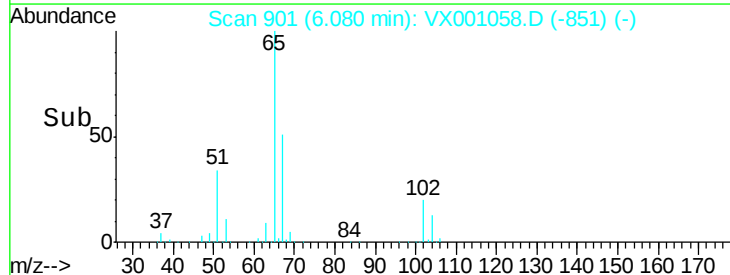
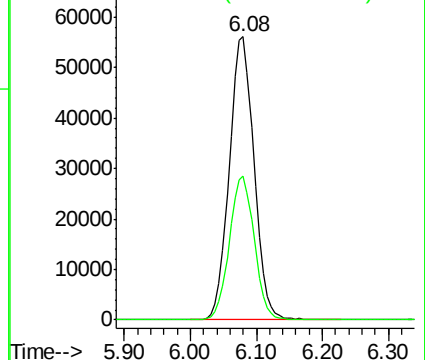
65 100

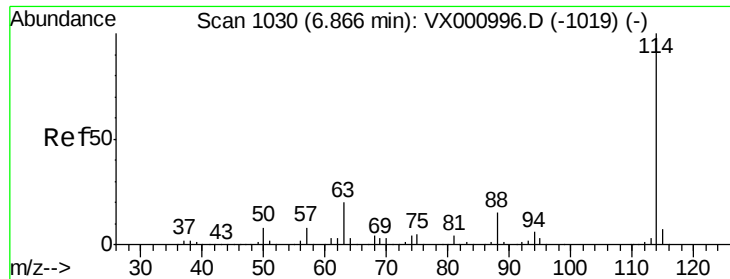
67 50.7 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

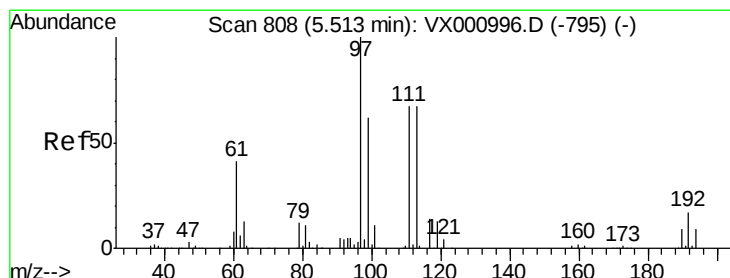
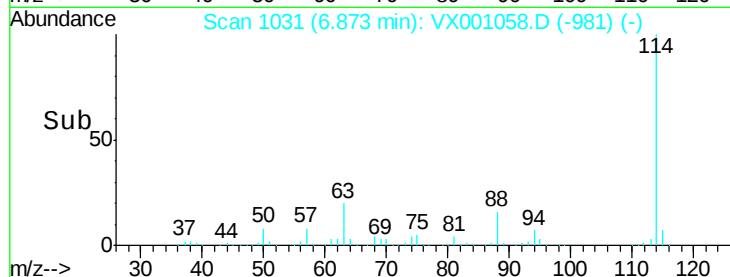
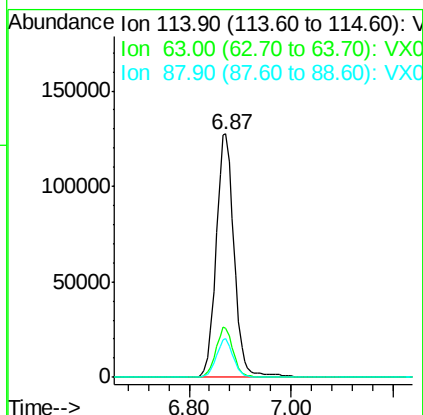
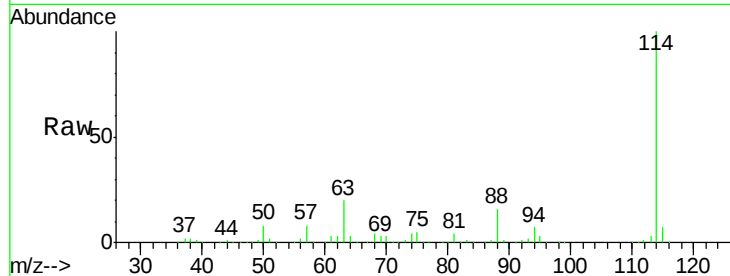




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001058.D
 Acq: 23 Apr 2018 15:02

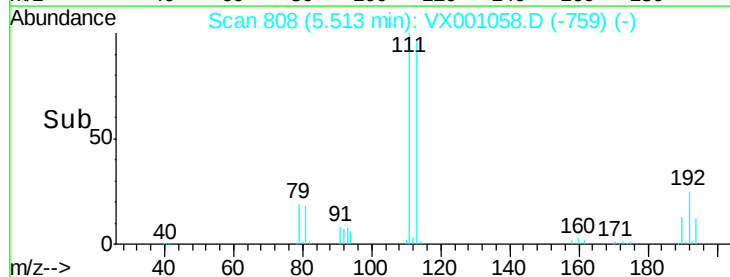
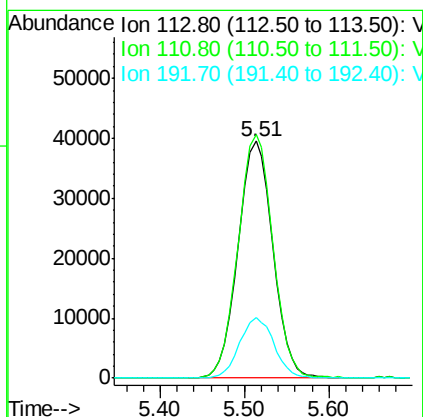
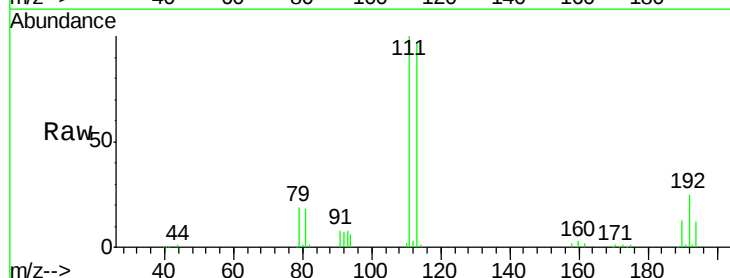
Instrument :
 MSVOA_X
 ClientSampleId :
 LF014MW006-180412

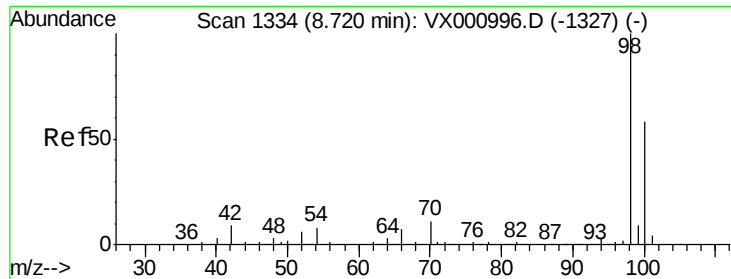
Tot Ion:114 Resp: 312465
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.4
 88 15.8 0.0 29.8



#35
 Dibromofluoromethane
 Concen: 46.40 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001058.D
 Acq: 23 Apr 2018 15:02

Tgt Ion:113 Resp: 110547
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.4 122.2
 192 25.5 20.4 30.6





#50

Toluene-d8

Concen: 49.97 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001058.D

Acq: 23 Apr 2018 15:02

Instrument :

MSVOA_X

ClientSampleId :

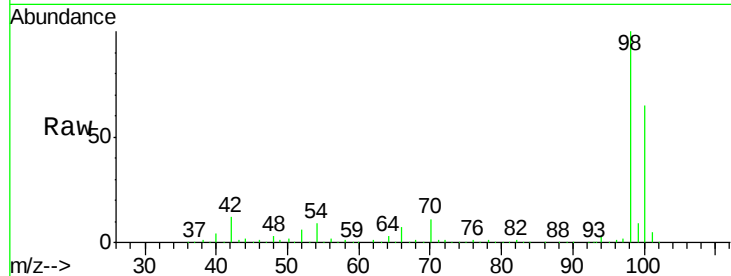
LF014MW006-180412

Tot Ion: 98 Resp: 440260

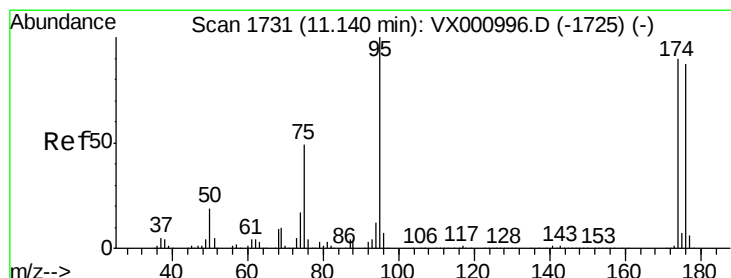
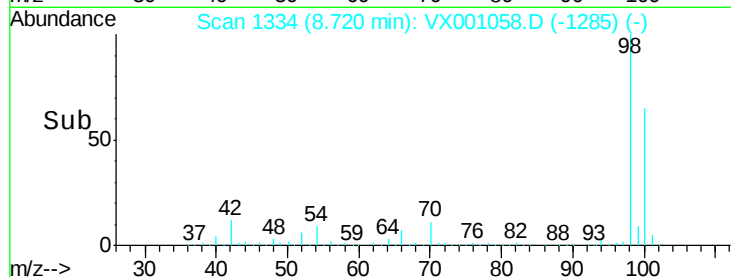
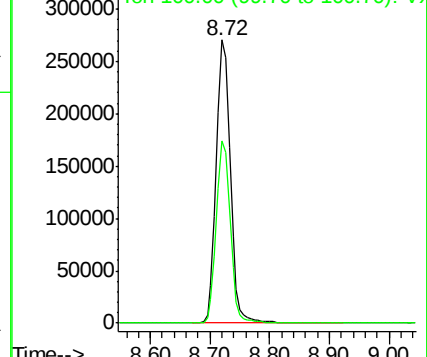
Ion Ratio Lower Upper

98 100

100 64.0 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX000996.D (-1327) (-)



#62

4-Bromofluorobenzene

Concen: 47.22 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001058.D

Acq: 23 Apr 2018 15:02

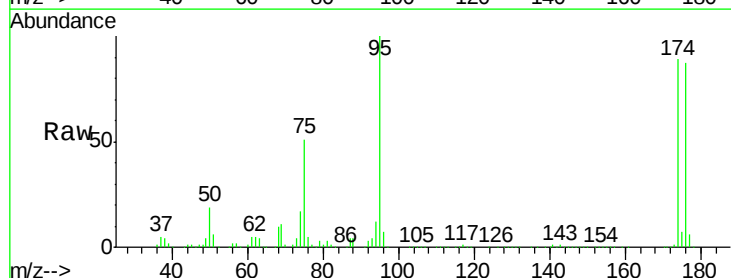
Tgt Ion: 95 Resp: 174605

Ion Ratio Lower Upper

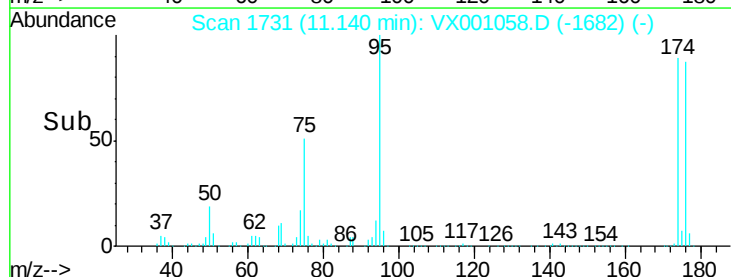
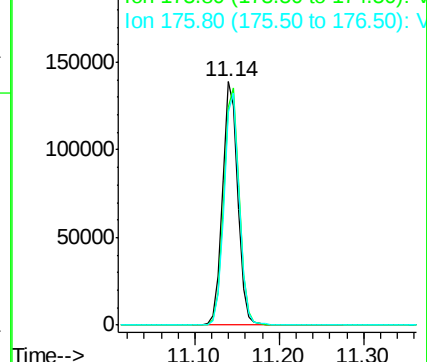
95 100

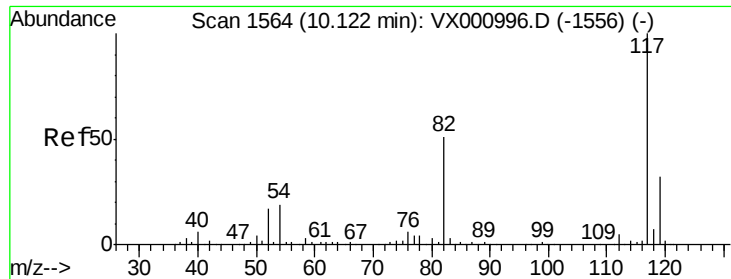
174 98.4 0.0 198.4

176 95.3 0.0 192.0



Abundance Ion 94.90 (94.60 to 95.60): VX000996.D (-1725) (-)

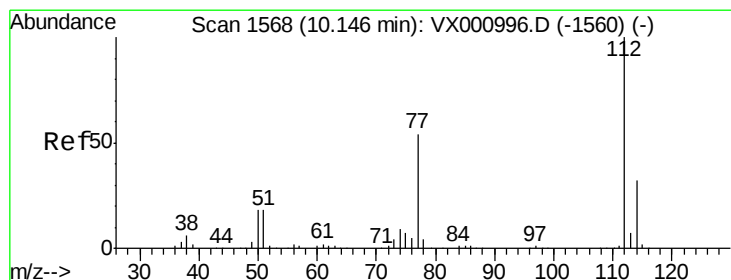
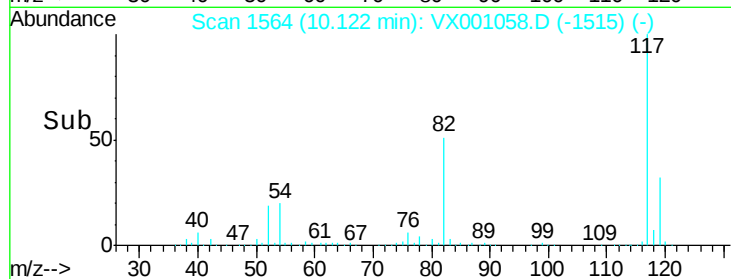
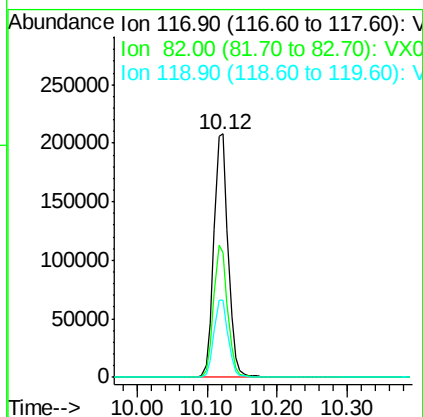
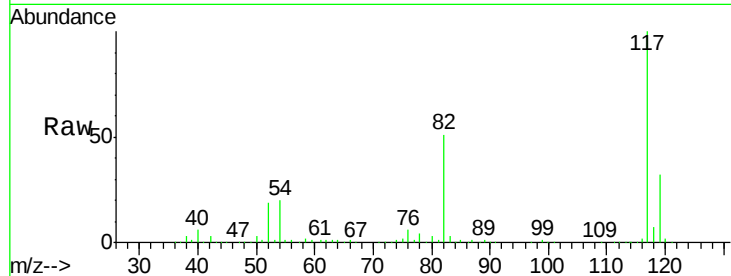




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001058.D
Acq: 23 Apr 2018 15:02

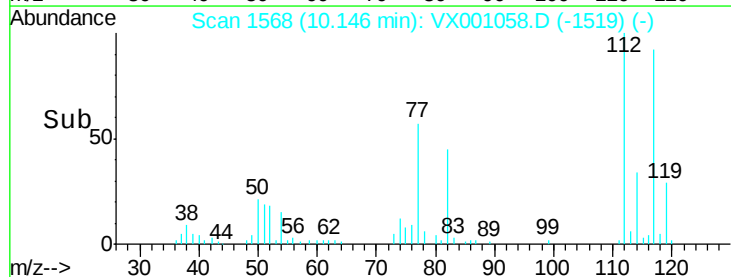
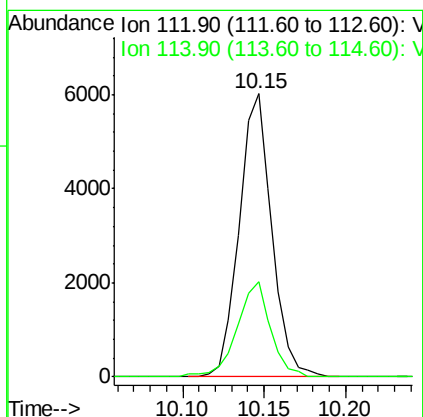
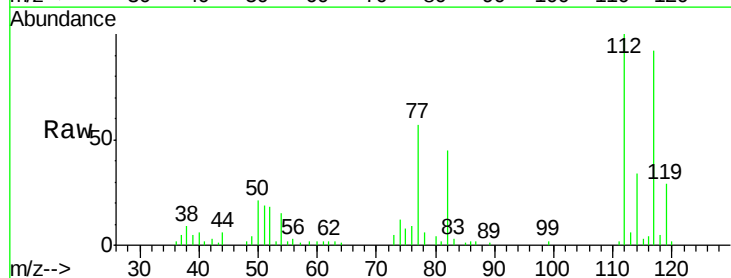
Instrument :
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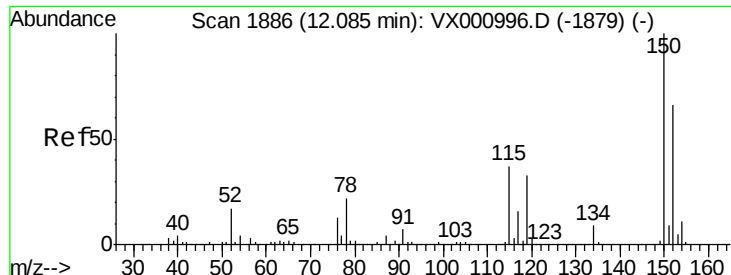
Tot Ion:117 Resp: 296597
Ion Ratio Lower Upper
117 100
82 51.0 40.6 60.8
119 31.8 26.0 39.0



#65
Chlorobenzene
Concen: 1.06 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001058.D
Acq: 23 Apr 2018 15:02

Tgt Ion:112 Resp: 8342
Ion Ratio Lower Upper
112 100
114 33.6 25.5 38.3

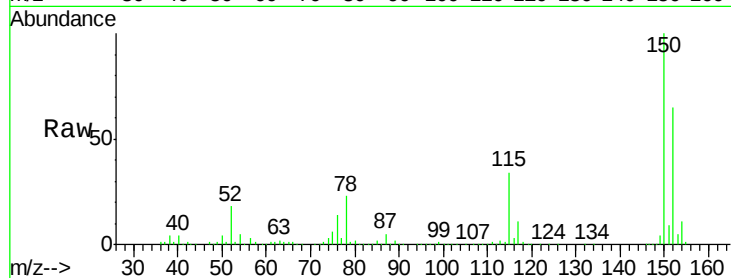




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX001058.D
 Acq: 23 Apr 2018 15:02

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014MW006-180412

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.6	38.2	114.6
150	154.5	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

