

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042318\
 Data File : VX001059.D
 Acq On : 23 Apr 2018 15:28
 Operator : JC/MD
 Sample : J2377-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014RW132-180412

Quant Time: Apr 24 07:34:19 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

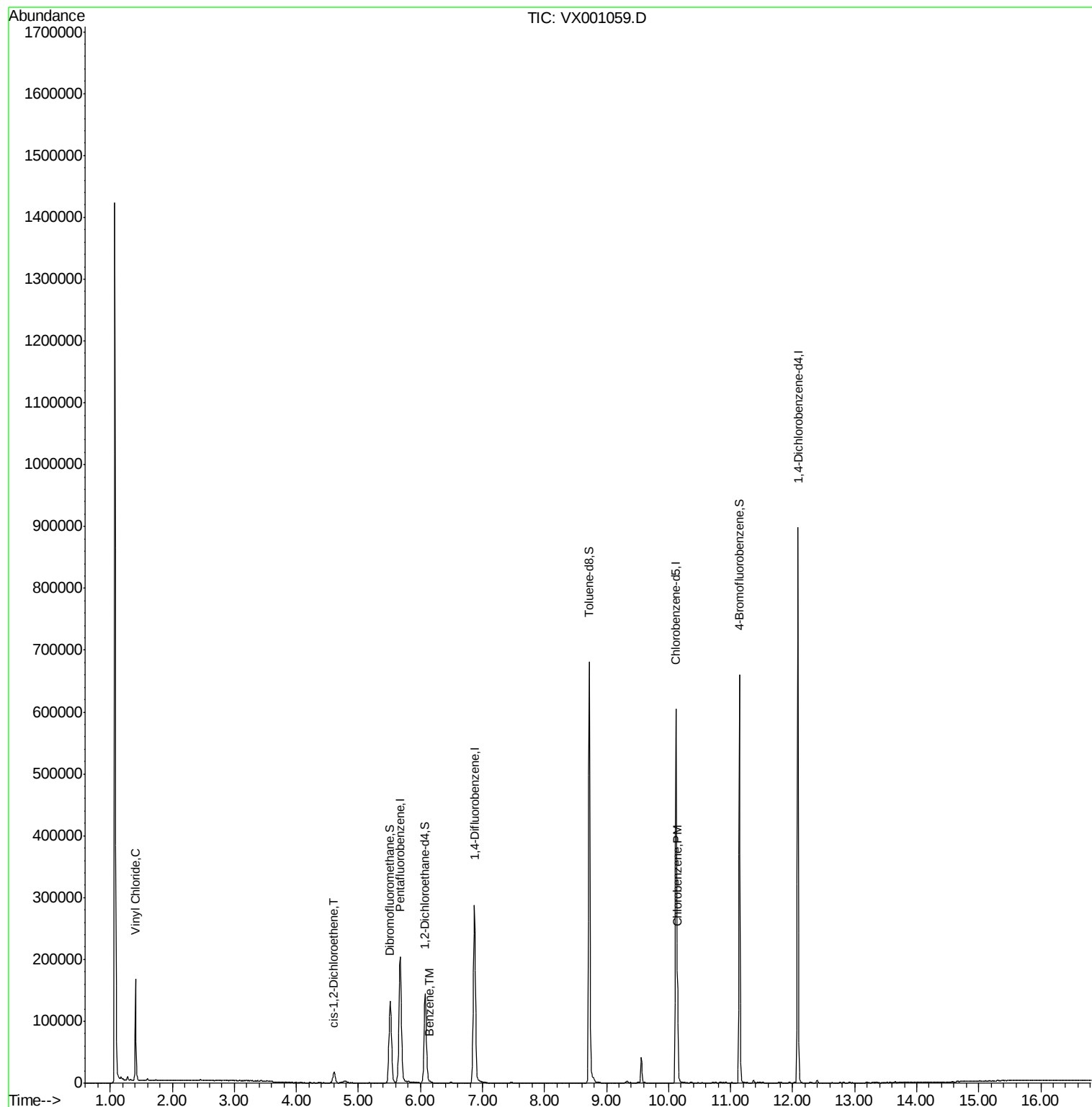
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	215863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	306794	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	286793	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	185531	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	141771	51.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.62%	
35) Dibromofluoromethane	5.51	113	109421	46.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.54%	
50) Toluene-d8	8.72	98	429504	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
62) 4-Bromofluorobenzene	11.14	95	166509	45.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.74%	
Target Compounds						
4) Vinyl Chloride	1.40	62	106754	41.32	ug/l	98
27) cis-1,2-Dichloroethene	4.61	96	10734	4.12	ug/l	90
40) Benzene	6.15	78	2036	0.20	ug/l #	90
65) Chlorobenzene	10.15	112	62201	8.15	ug/l	97

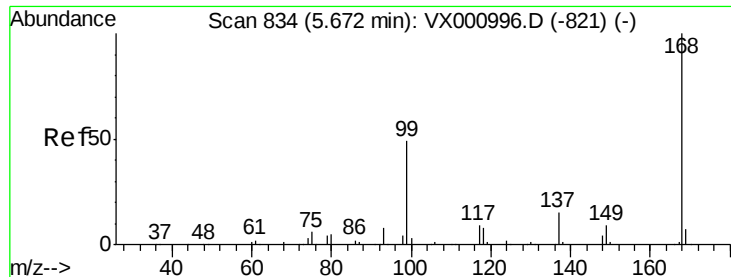
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001059.D

Acq: 23 Apr 2018 15:28

Instrument :

MSVOA_X

ClientSampleId :

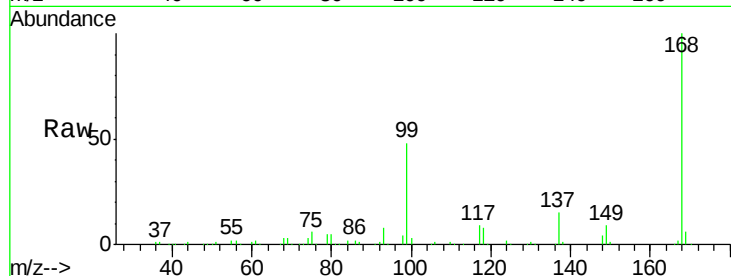
LF014RW132-180412

Tot Ion:168 Resp: 215863

Ion Ratio Lower Upper

168 100

99 48.2 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

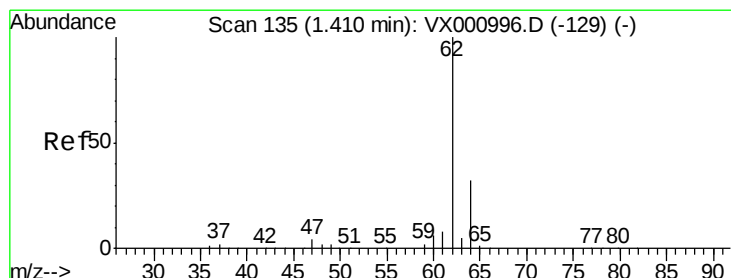
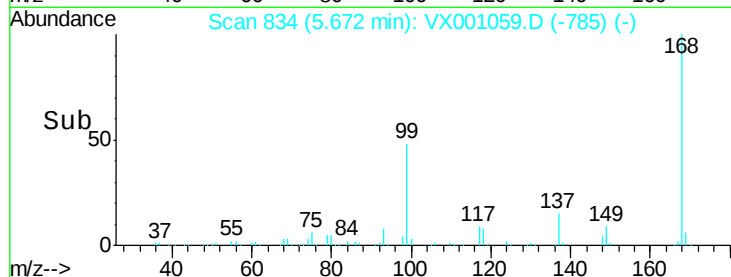
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 41.32 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX001059.D

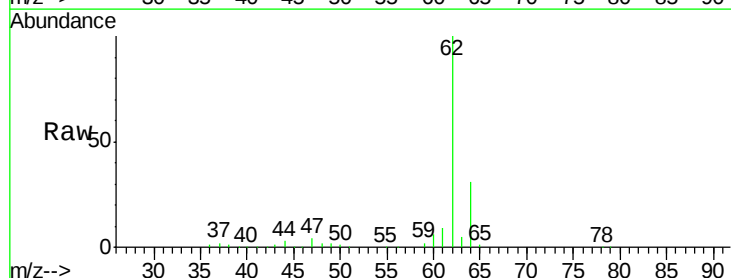
Acq: 23 Apr 2018 15:28

Tgt Ion: 62 Resp: 106754

Ion Ratio Lower Upper

62 100

64 30.8 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

100000

80000

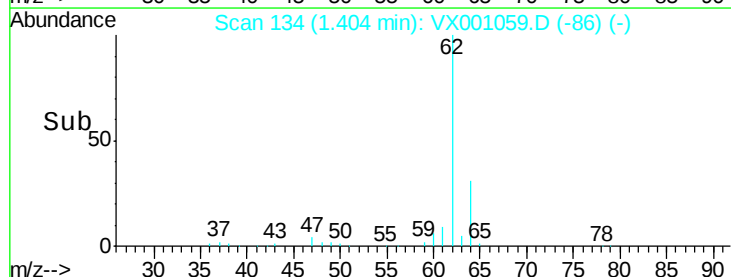
60000

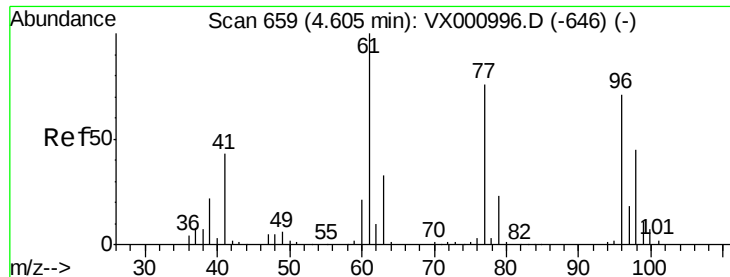
40000

20000

0

Time--> 1.35 1.40 1.45 1.50





#27

cis-1,2-Dichloroethene

Concen: 4.12 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX001059.D

Acq: 23 Apr 2018 15:28

Instrument :

MSVOA_X

ClientSampleId :

LF014RW132-180412

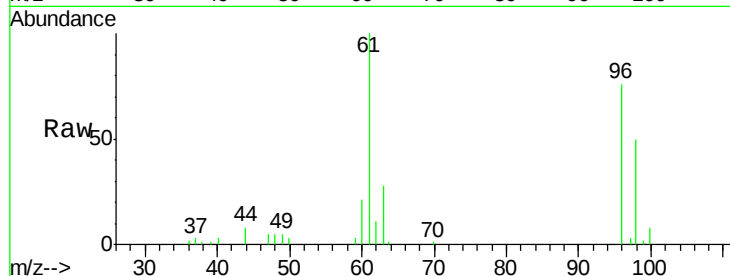
Tot Ion: 96 Resp: 10734

Ion Ratio Lower Upper

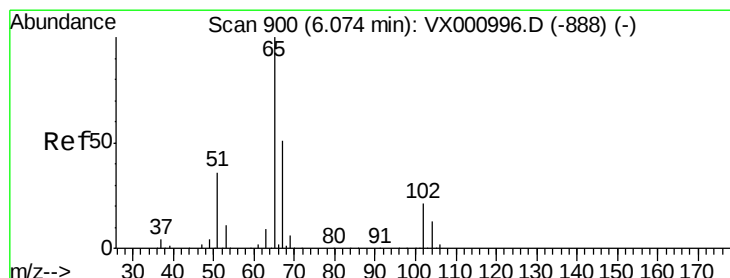
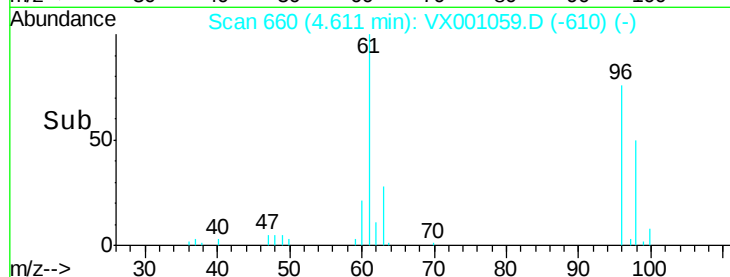
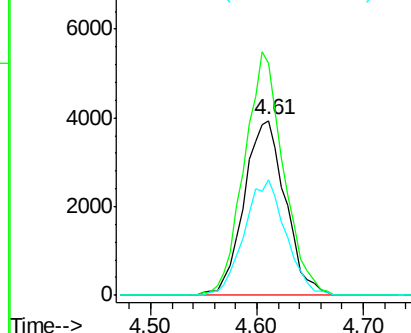
96 100

61 132.0 0.0 297.0

98 66.3 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: 51.81 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001059.D

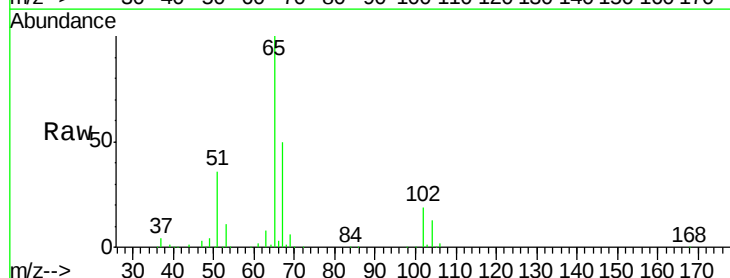
Acq: 23 Apr 2018 15:28

Tgt Ion: 65 Resp: 141771

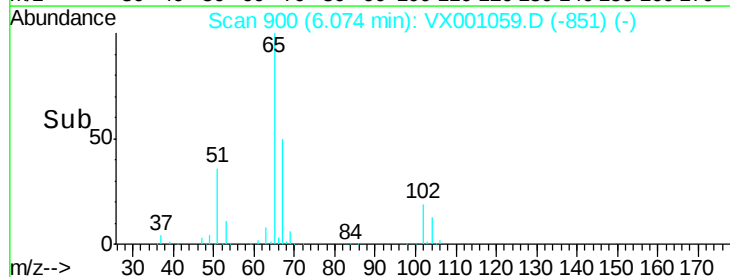
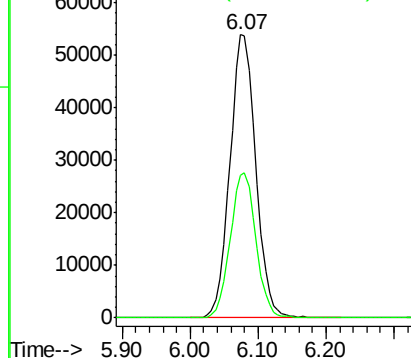
Ion Ratio Lower Upper

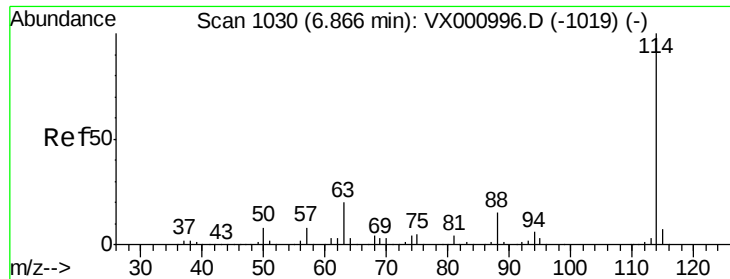
65 100

67 51.0 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

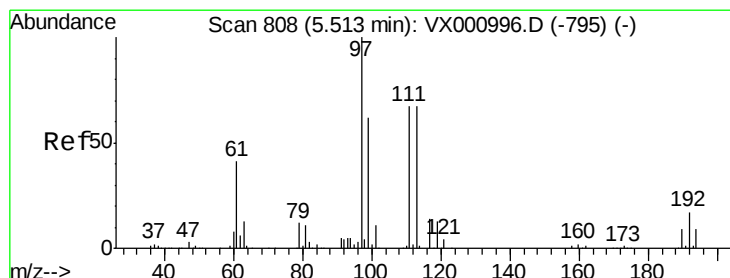
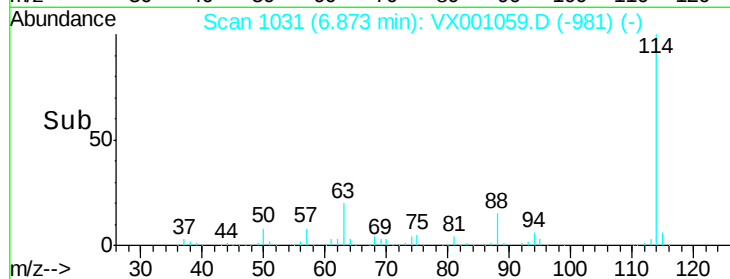
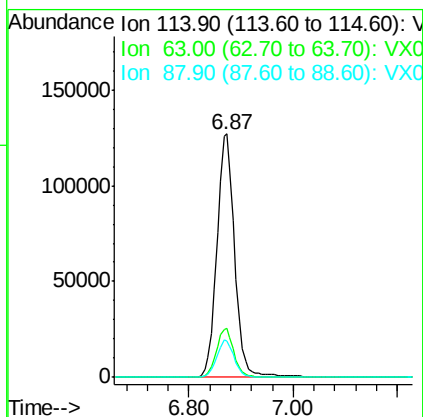
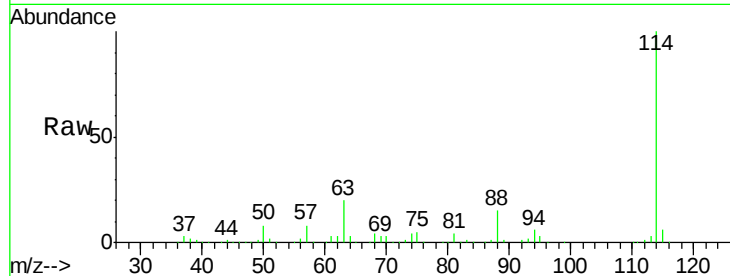




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001059.D
 Acq: 23 Apr 2018 15:28

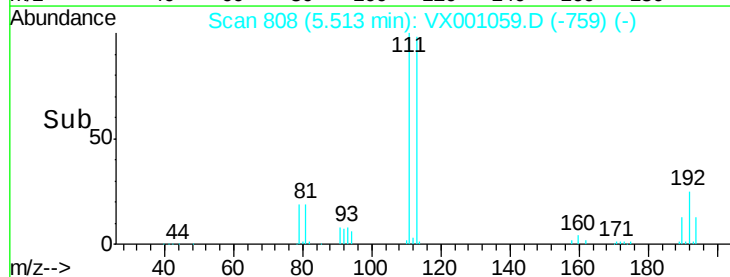
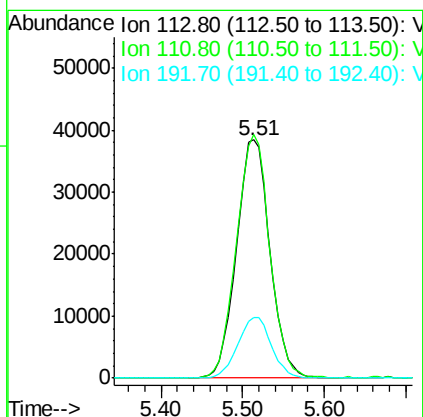
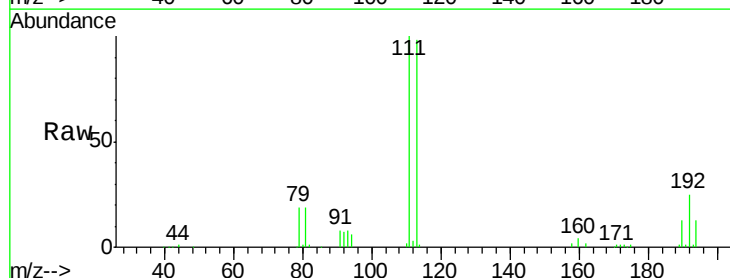
Instrument :
 MSVOA_X
 ClientSampleId :
 LF014RW132-180412

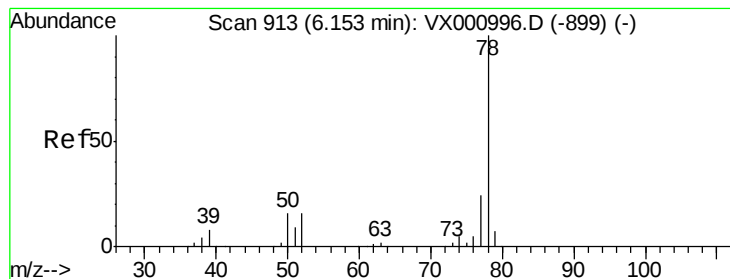
Tot Ion:114 Resp: 306794
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.4
 88 14.9 0.0 29.8



#35
 Dibromofluoromethane
 Concen: 46.77 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001059.D
 Acq: 23 Apr 2018 15:28

Tgt Ion:113 Resp: 109421
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.4 122.2
 192 25.7 20.4 30.6





#40

Benzene

Concen: 0.20 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.01 min

Lab File: VX001059.D

Acq: 23 Apr 2018 15:28

Instrument :

MSVOA_X

ClientSampleId :

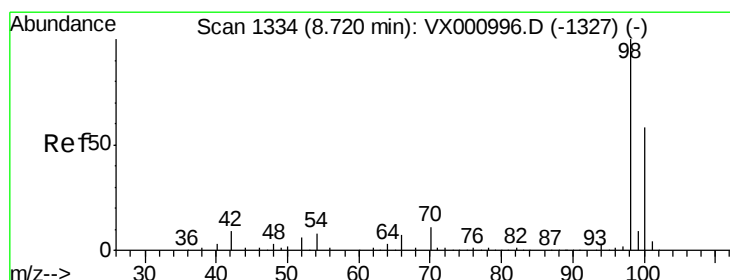
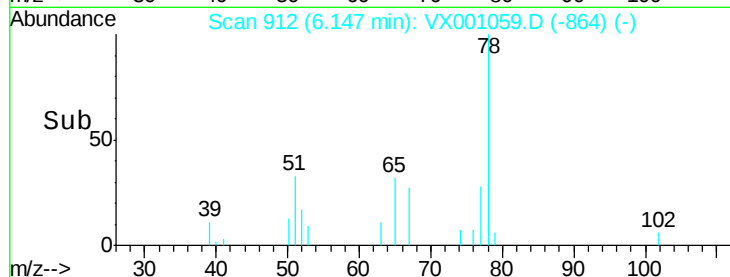
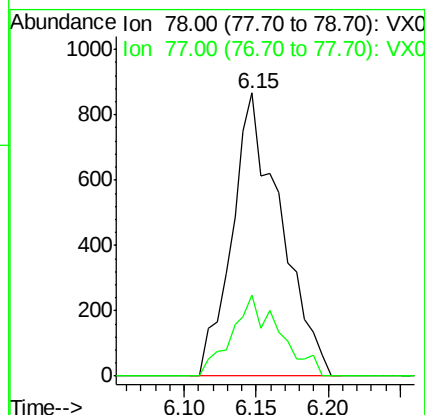
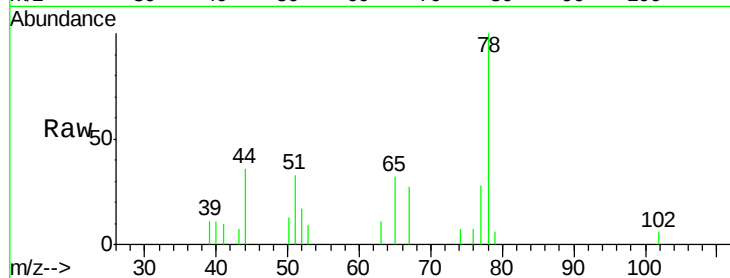
LF014RW132-180412

Tot Ion: 78 Resp: 2036

Ion Ratio Lower Upper

78 100

77 28.5 18.9 28.3#



#50

Toluene-d8

Concen: 49.65 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001059.D

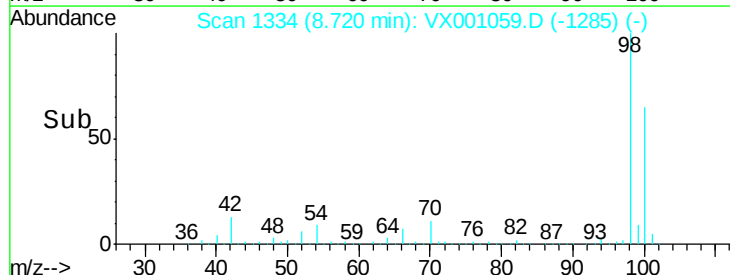
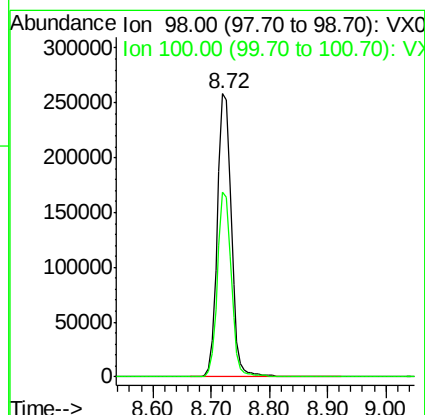
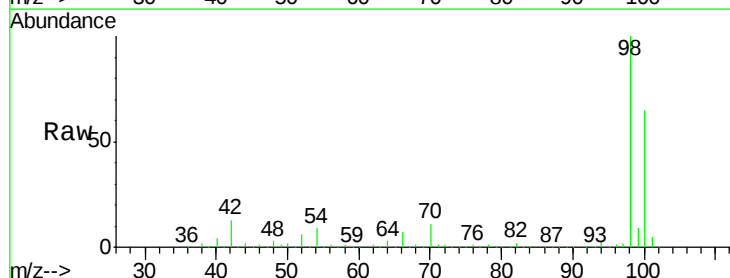
Acq: 23 Apr 2018 15:28

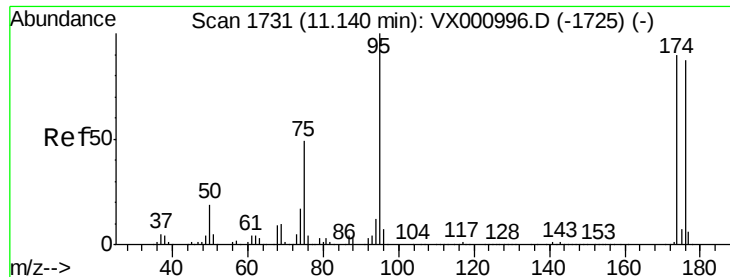
Tgt Ion: 98 Resp: 429504

Ion Ratio Lower Upper

98 100

100 64.5 51.9 77.9

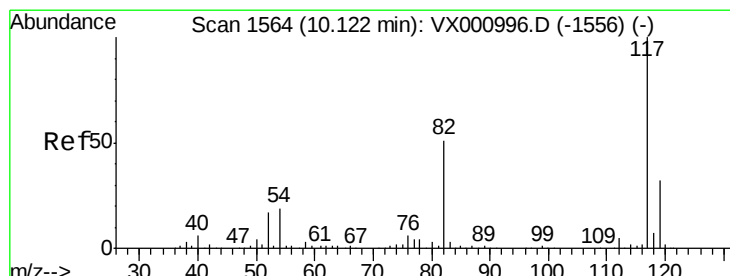
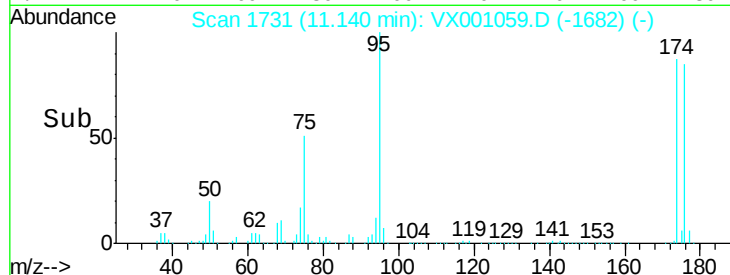
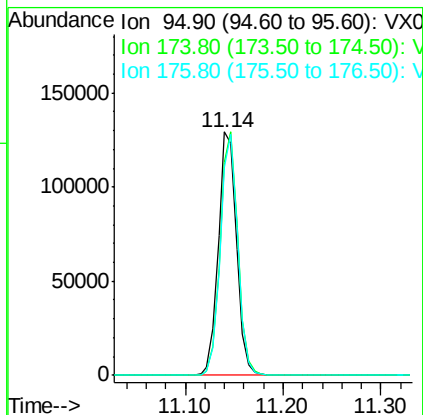
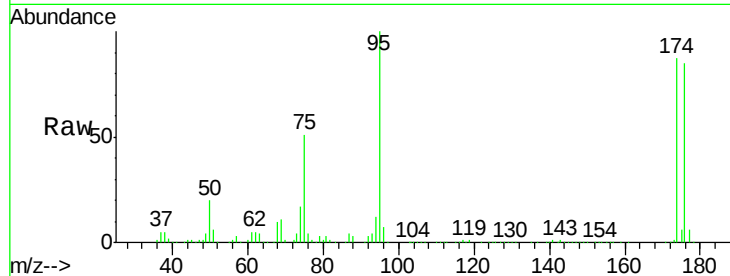




#62
4-Bromofluorobenzene
Concen: 45.87 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001059.D
Acq: 23 Apr 2018 15:28

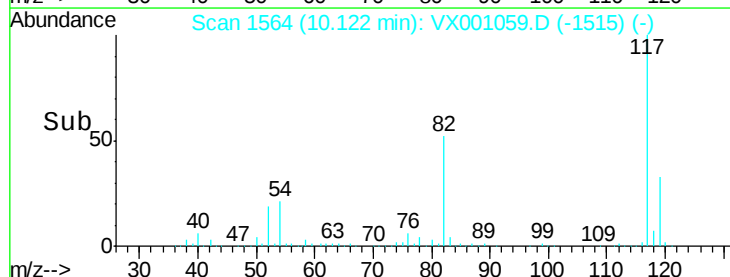
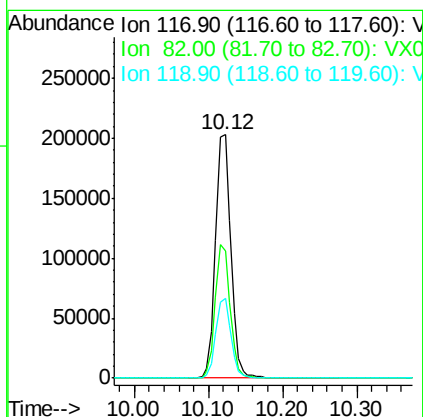
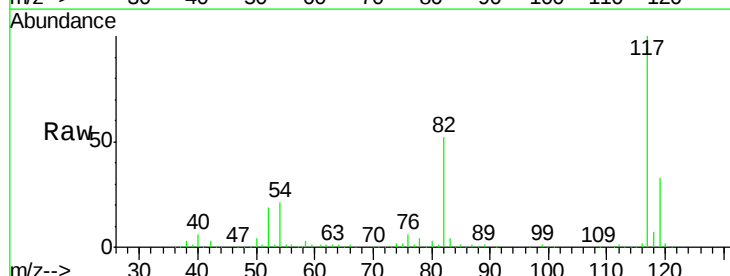
Instrument :
MSVOA_X
ClientSampleId :
LF014RW132-180412

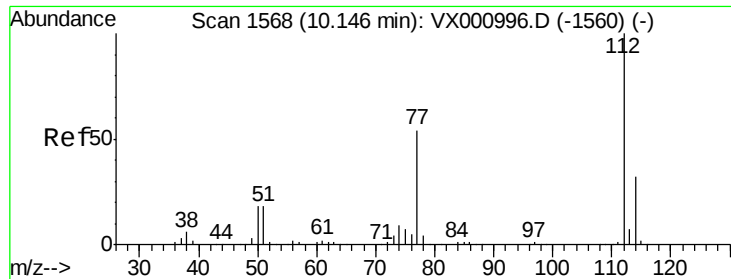
Tot Ion	95	Resp	166509
Ion	Ratio	Lower	Upper
95	100		
174	96.5	0.0	198.4
176	94.6	0.0	192.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001059.D
Acq: 23 Apr 2018 15:28

Tgt Ion	117	Resp	286793
Ion	Ratio	Lower	Upper
117	100		
82	52.1	40.6	60.8
119	32.6	26.0	39.0

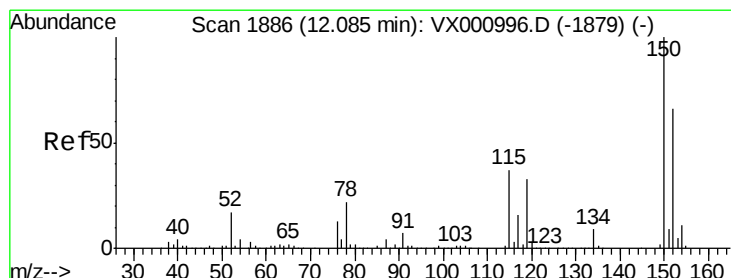
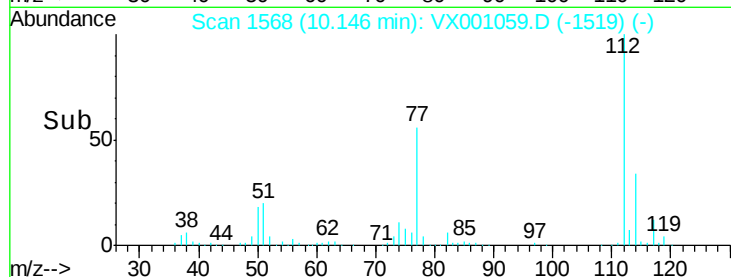
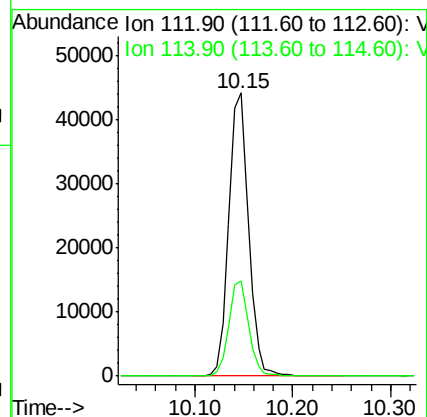
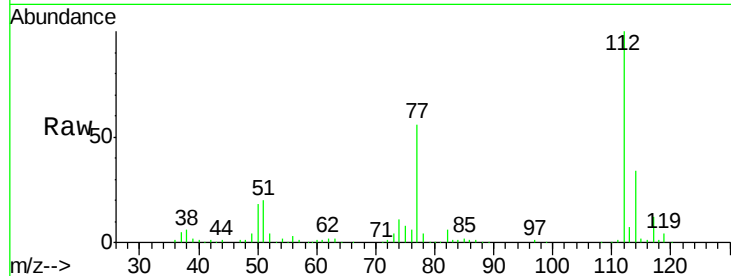




#65
Chlorobenzene
Concen: 8.15 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001059.D
Acq: 23 Apr 2018 15:28

Instrument :
MSVOA_X
ClientSampleId :
LF014RW132-180412

Tot Ion:112 Resp: 62201
Ion Ratio Lower Upper
112 100
114 33.7 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: VX001059.D
Acq: 23 Apr 2018 15:28

Tgt Ion:152 Resp: 185531
Ion Ratio Lower Upper
152 100
115 54.1 38.2 114.6
150 156.5 0.0 350.4

