

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042718\
 Data File : VX001198.D
 Acq On : 28 Apr 2018 03:58
 Operator : JC/MD
 Sample : J2464-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015RW050-180417

Quant Time: Apr 28 05:59:36 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	195396	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	273942	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	250083	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	146386	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	154891	51.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.28%	
35) Dibromofluoromethane	5.51	113	120721	53.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.48%	
50) Toluene-d8	8.72	98	462743	54.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.16%	
62) 4-Bromofluorobenzene	11.14	95	164095	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	

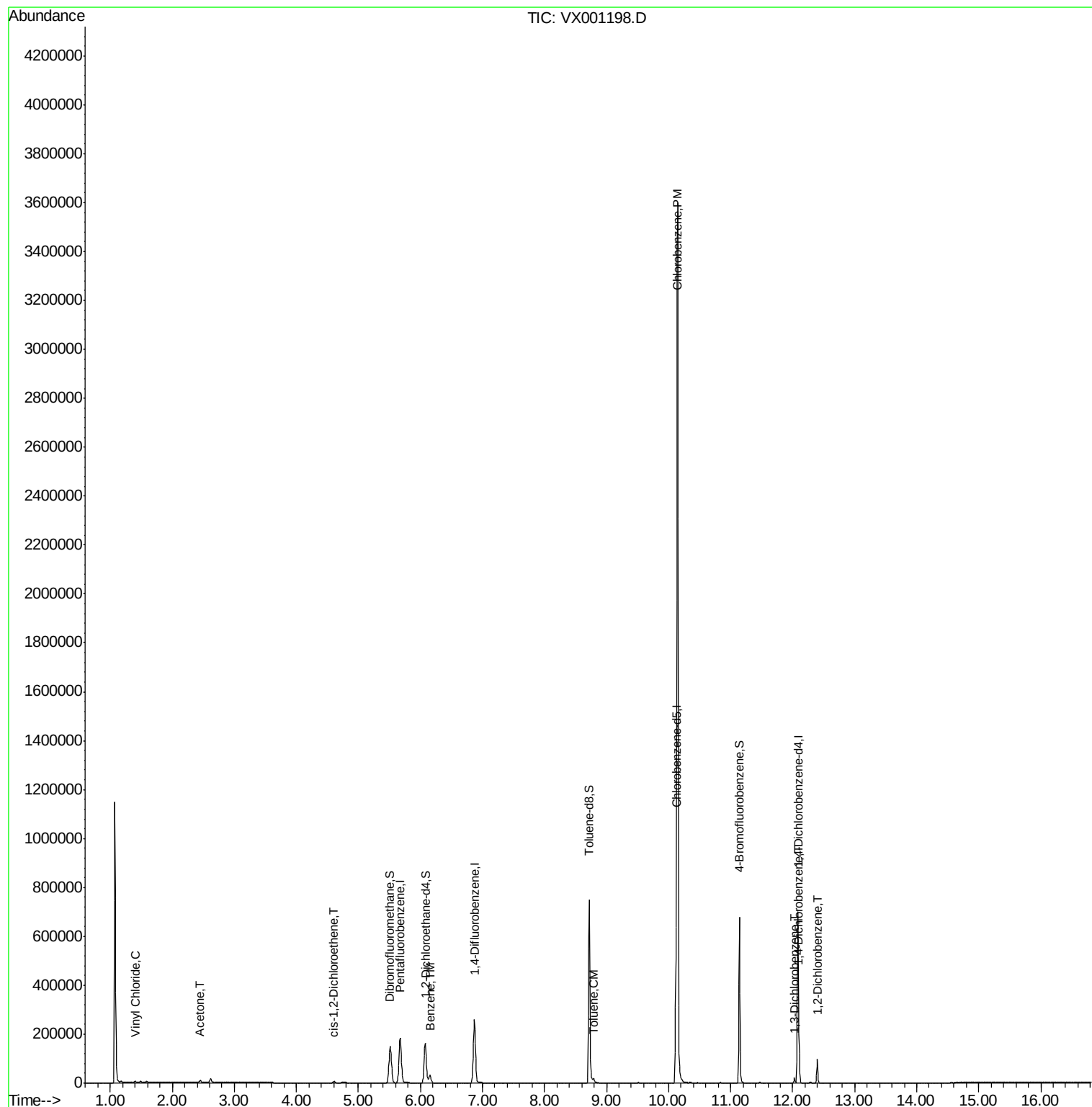
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	2749	1.21	ug/l	98
16) Acetone	2.45	43	8464	6.80	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	3782	1.58	ug/l	91
40) Benzene	6.15	78	34509	3.95	ug/l	99
52) Toluene	8.79	92	3699	0.65	ug/l	97
65) Chlorobenzene	10.15	112	1587036	242.22	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	6464	1.27	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	53044	10.02	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	31824	6.20	ug/l	97

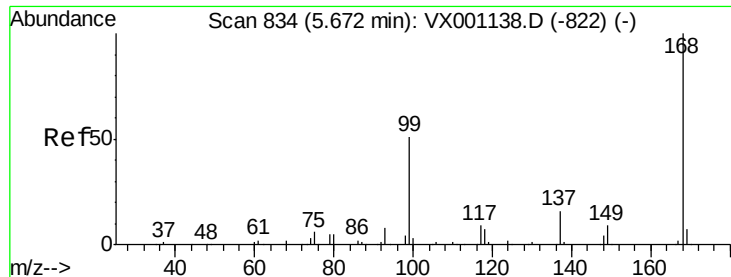
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042718\
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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: VX001198.D

Acq: 28 Apr 2018 03:58

Instrument :

MSVOA_X

ClientSampleId :

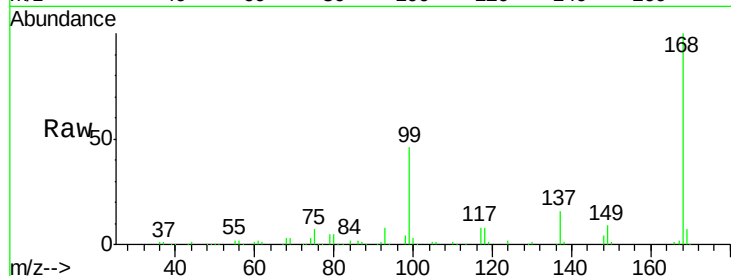
LF015RW050-180417

Tot Ion:168 Resp: 195396

Ion Ratio Lower Upper

168 100

99 46.2 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

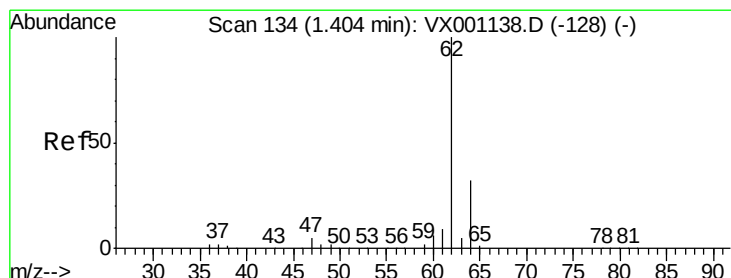
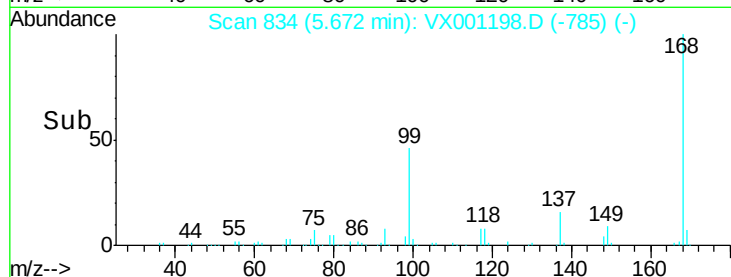
40000

20000

0

5.60 5.70 5.80

Time-->



#4

Vinyl Chloride

Concen: 1.21 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001198.D

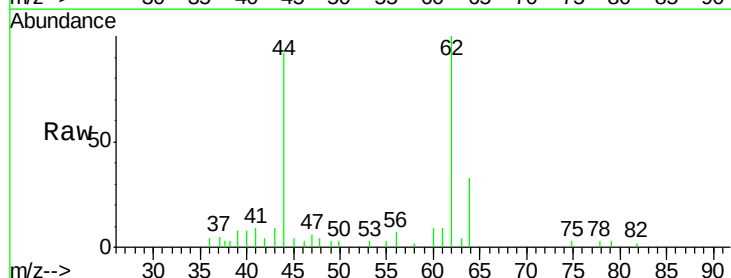
Acq: 28 Apr 2018 03:58

Tgt Ion: 62 Resp: 2749

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

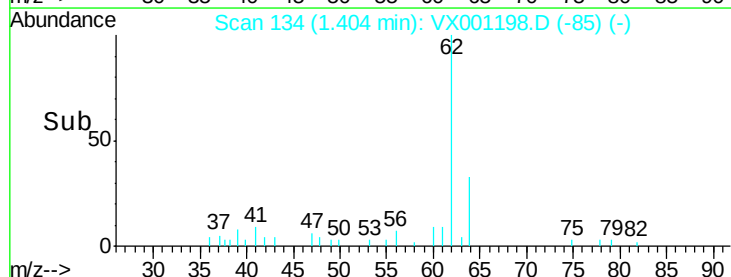
1000

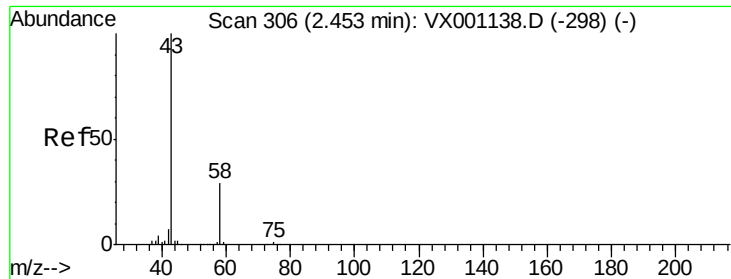
500

0

1.35 1.40 1.45

Time-->





#16

Acetone

Concen: 6.80 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001198.D

Acq: 28 Apr 2018 03:58

Instrument :

MSVOA_X

ClientSampleId :

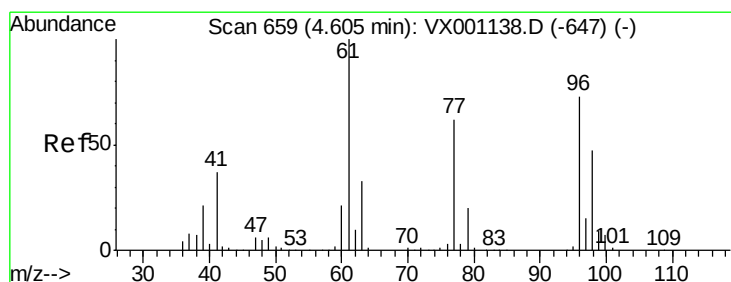
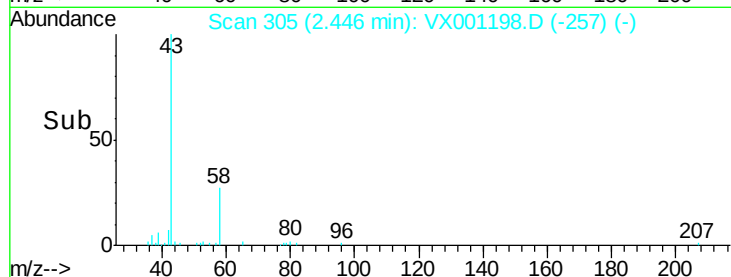
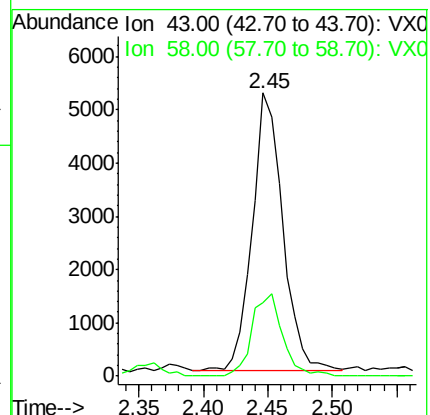
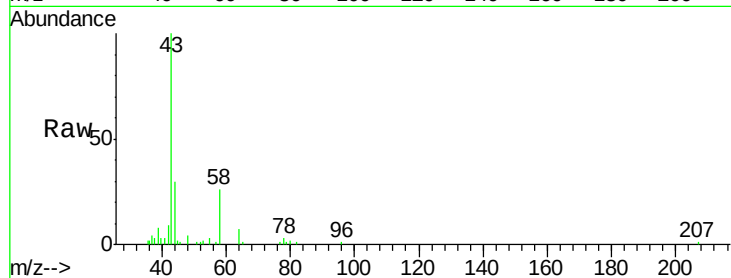
LF015RW050-180417

Tot Ion: 43 Resp: 8464

Ion Ratio Lower Upper

43 100

58 26.5 23.0 34.6



#27

cis-1,2-Dichloroethene

Concen: 1.58 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001198.D

Acq: 28 Apr 2018 03:58

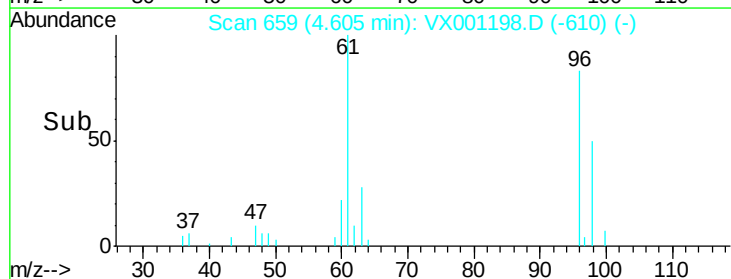
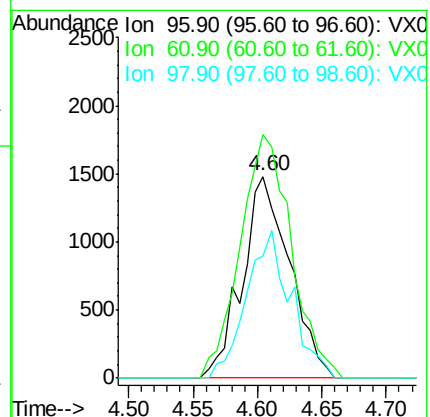
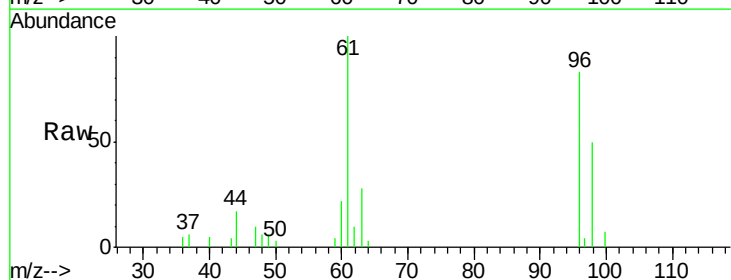
Tgt Ion: 96 Resp: 3782

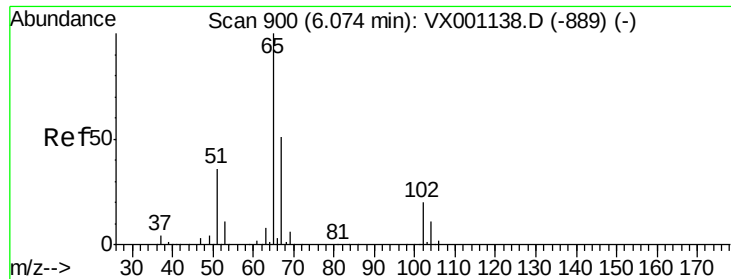
Ion Ratio Lower Upper

96 100

61 130.4 0.0 289.0

98 68.0 0.0 128.2

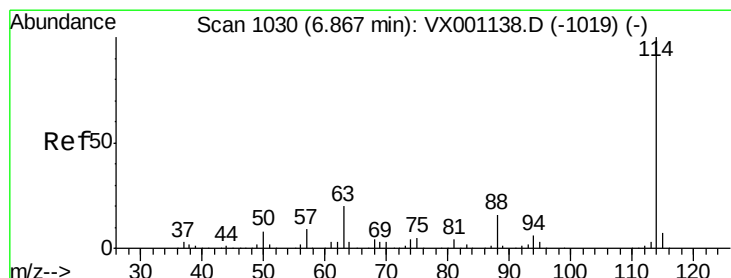
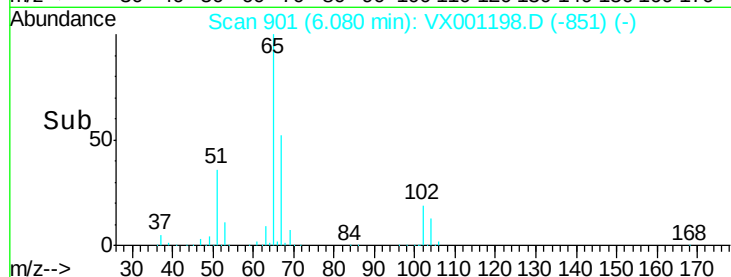
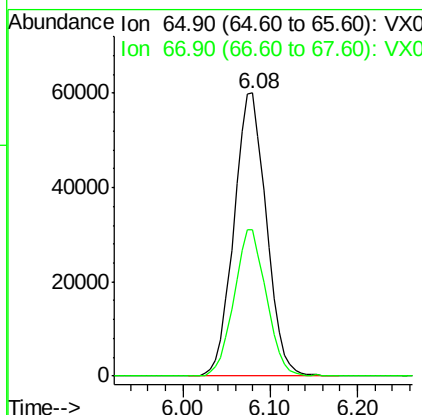
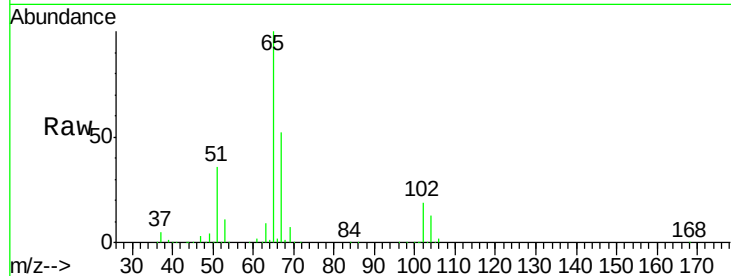




#33
 1,2-Dichloroethane-d4
 Concen: 51.14 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001198.D
 Acq: 28 Apr 2018 03:58

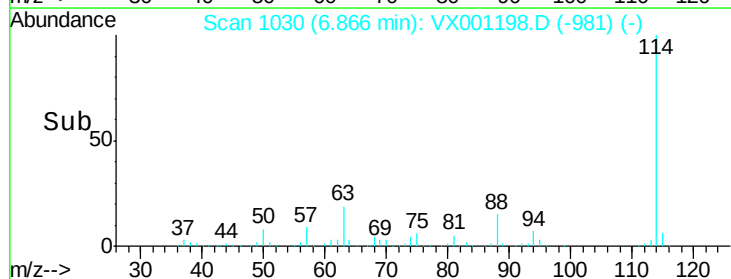
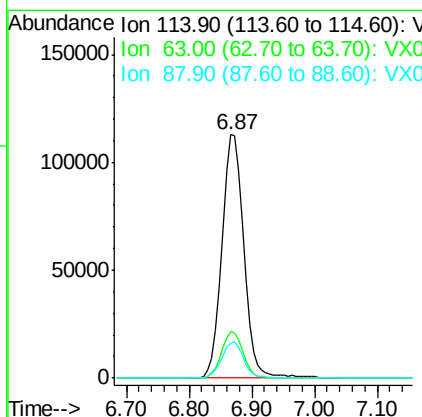
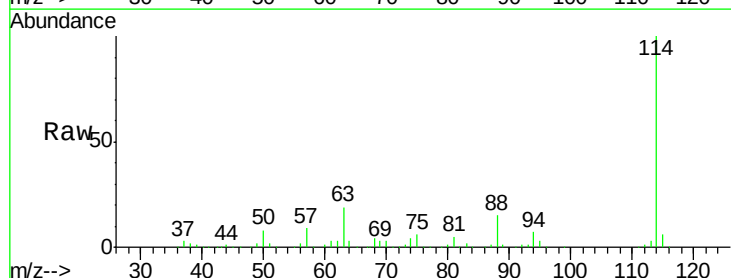
Instrument :
 MSVOA_X
 ClientSampleId :
 LF015RW050-180417

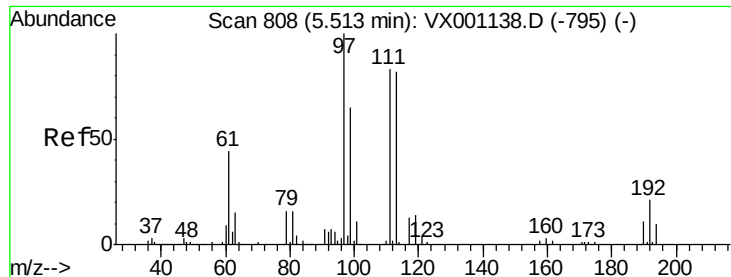
Tot Ion: 65 Resp: 154891
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001198.D
 Acq: 28 Apr 2018 03:58

Tgt Ion: 114 Resp: 273942
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.4
 88 14.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 53.24 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001198.D

Acq: 28 Apr 2018 03:58

Instrument :

MSVOA_X

ClientSampleId :

LF015RW050-180417

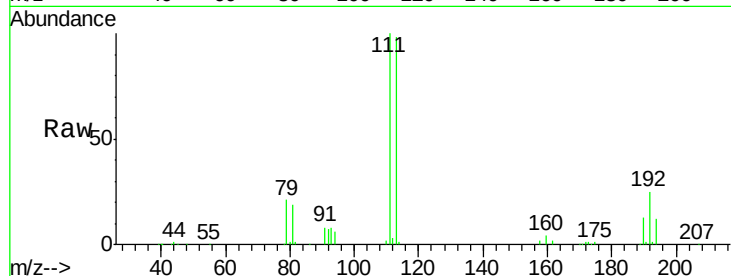
Tot Ion:113 Resp: 120721

Ion Ratio Lower Upper

113 100

111 104.1 82.2 123.4

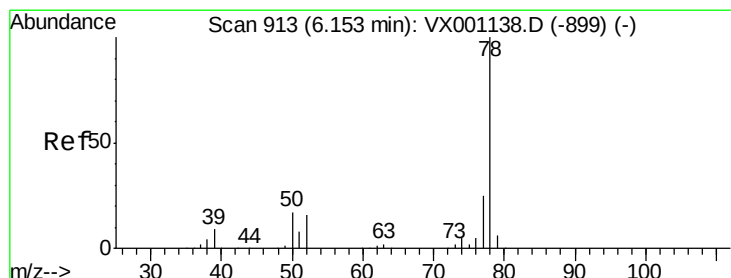
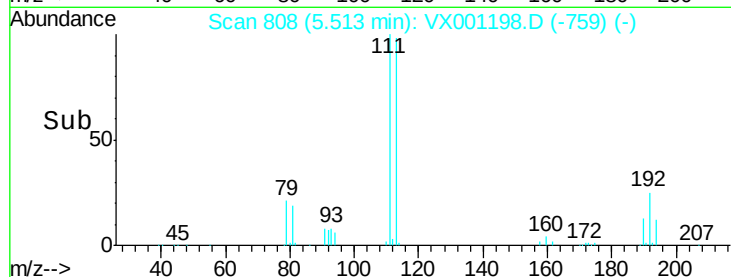
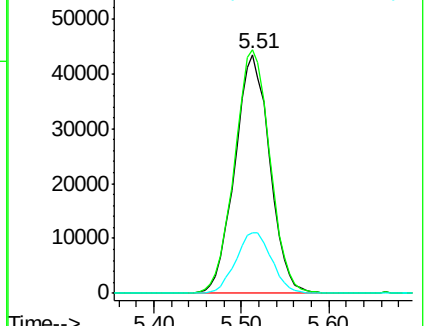
192 26.1 20.6 30.8



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



#40

Benzene

Concen: 3.95 ug/l

RT: 6.15 min Scan# 913

Delta R.T. -0.00 min

Lab File: VX001198.D

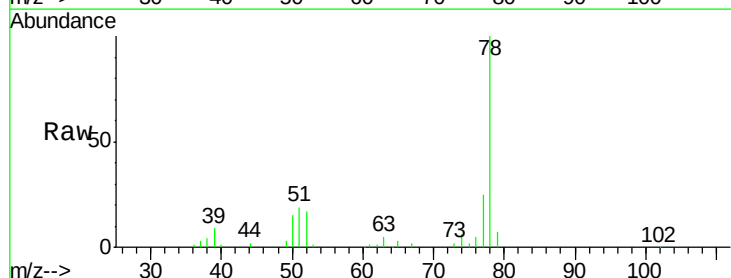
Acq: 28 Apr 2018 03:58

Tgt Ion: 78 Resp: 34509

Ion Ratio Lower Upper

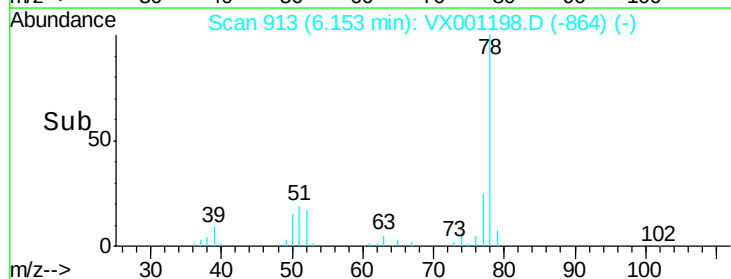
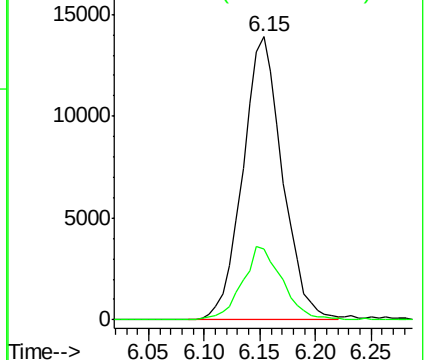
78 100

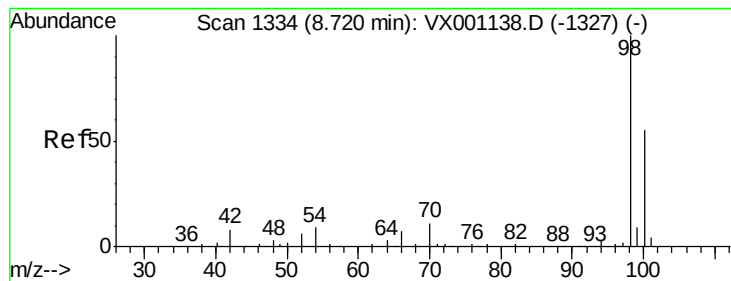
77 25.0 19.7 29.5



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#50

Toluene-d8

Concen: 54.08 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001198.D

Acq: 28 Apr 2018 03:58

Instrument :

MSVOA_X

ClientSampleId :

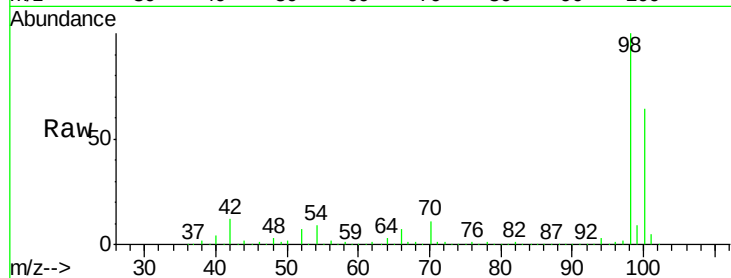
LF015RW050-180417

Tot Ion: 98 Resp: 462743

Ion Ratio Lower Upper

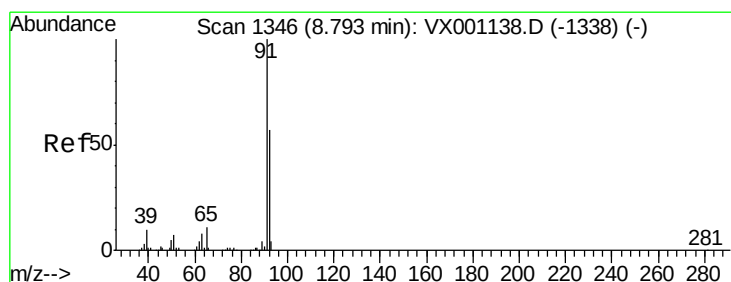
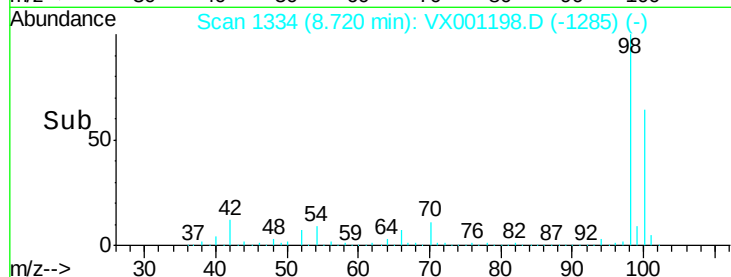
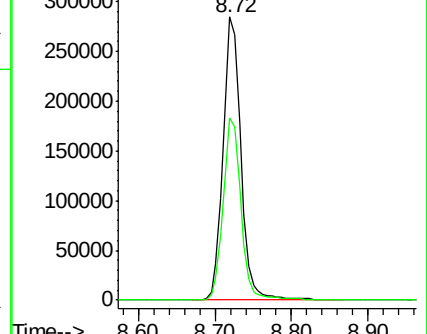
98 100

100 64.1 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#52

Toluene

Concen: 0.65 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX001198.D

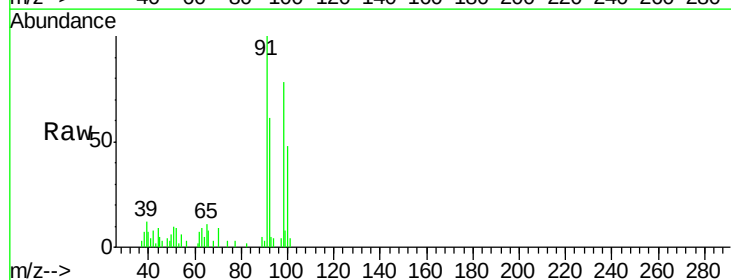
Acq: 28 Apr 2018 03:58

Tgt Ion: 92 Resp: 3699

Ion Ratio Lower Upper

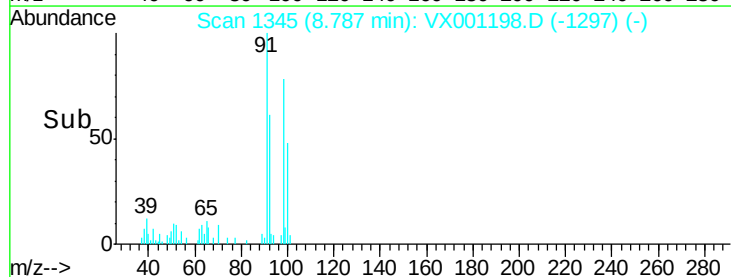
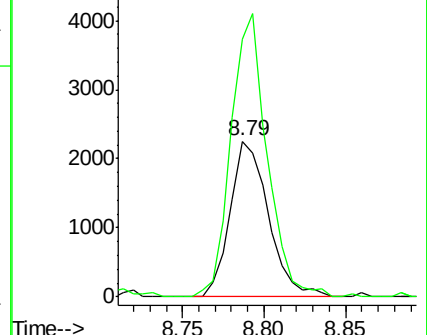
92 100

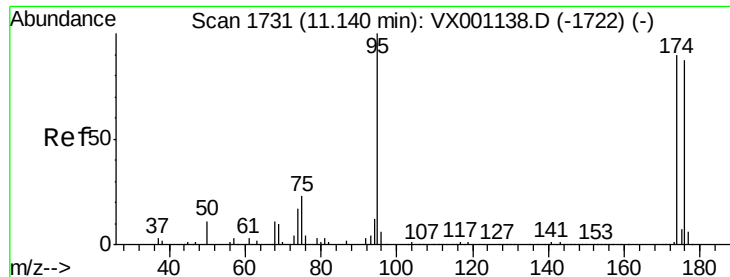
91 170.5 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

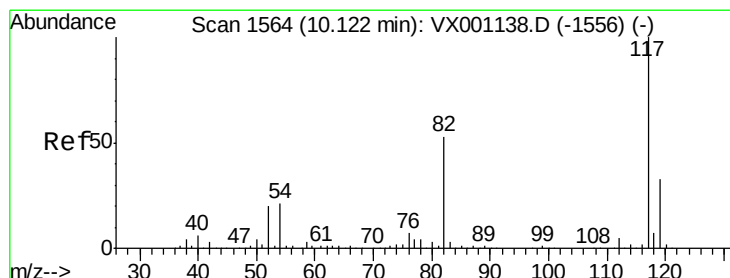
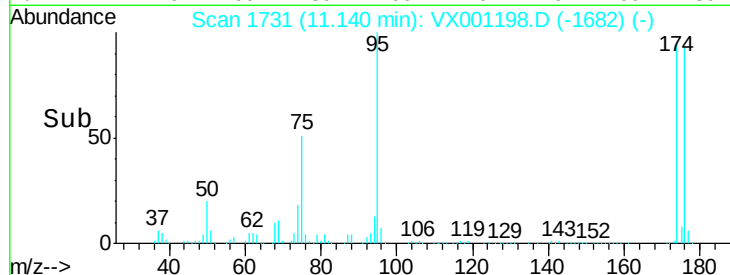
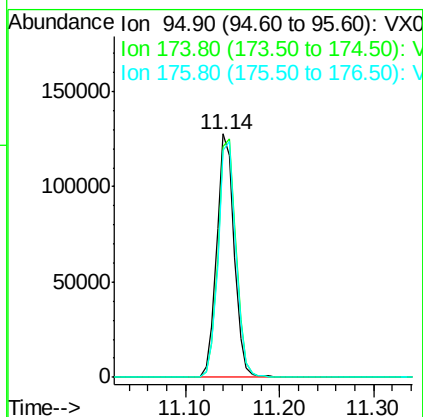
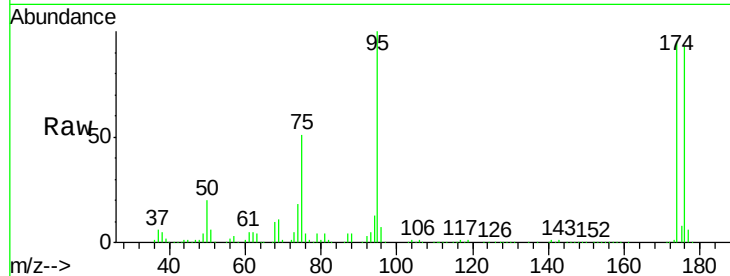




#62
4-Bromofluorobenzene
Concen: 49.09 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001198.D
Acq: 28 Apr 2018 03:58

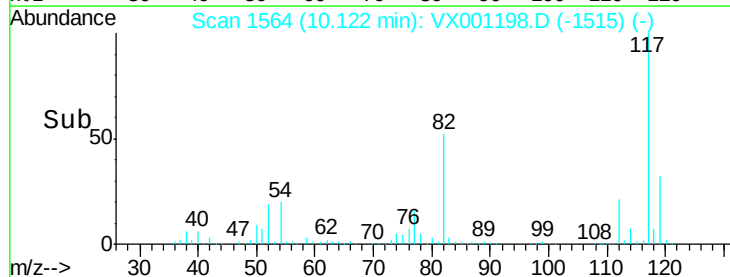
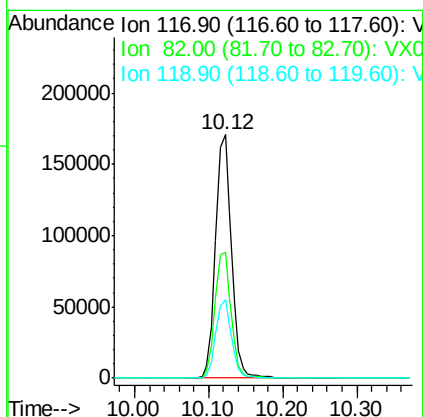
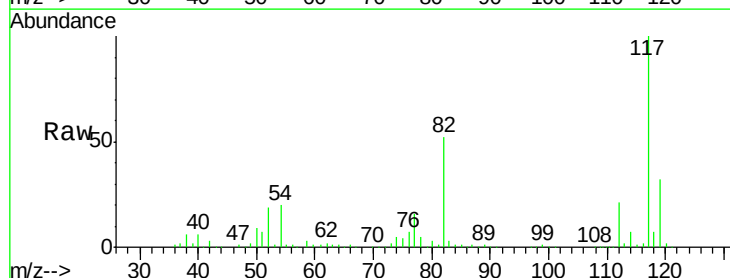
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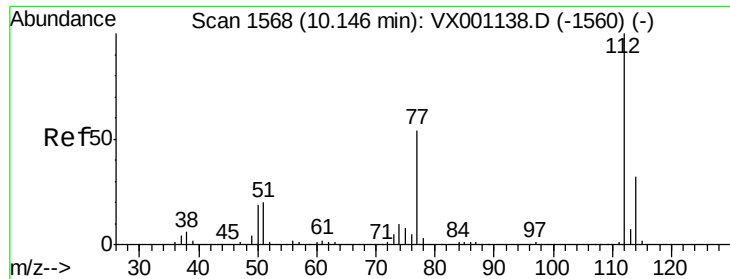
Tot Ion: 95 Resp: 164095
Ion Ratio Lower Upper
95 100
174 101.4 0.0 194.4
176 98.6 0.0 190.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001198.D
Acq: 28 Apr 2018 03:58

Tgt Ion: 117 Resp: 250083
Ion Ratio Lower Upper
117 100
82 51.5 42.1 63.1
119 32.1 26.1 39.1

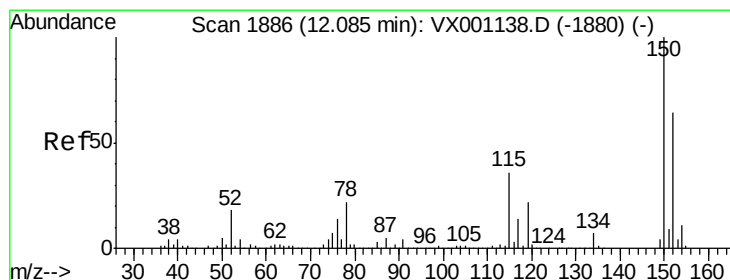
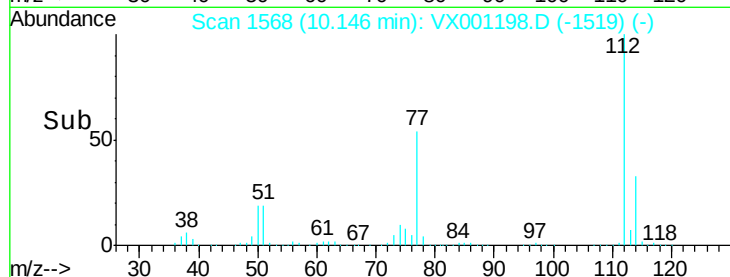
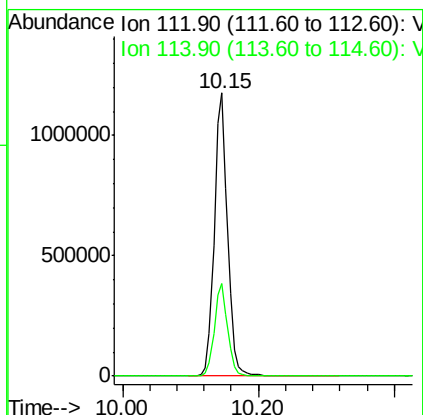
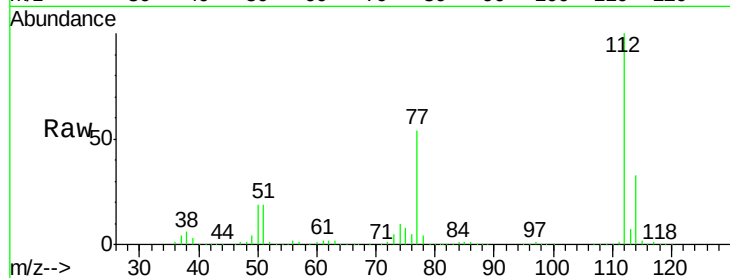




#65
Chlorobenzene
Concen: 242.22 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001198.D
Acq: 28 Apr 2018 03:58

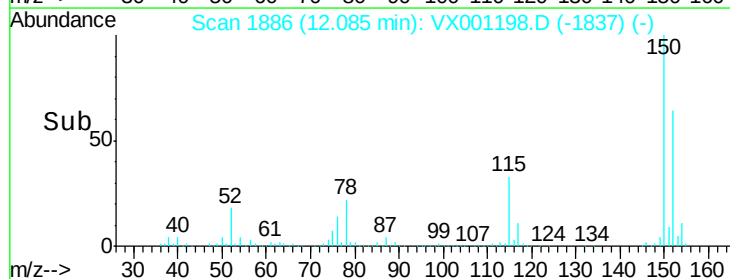
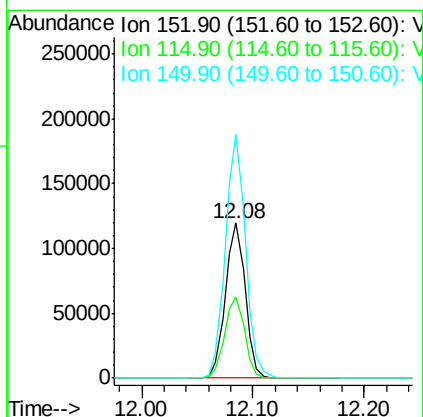
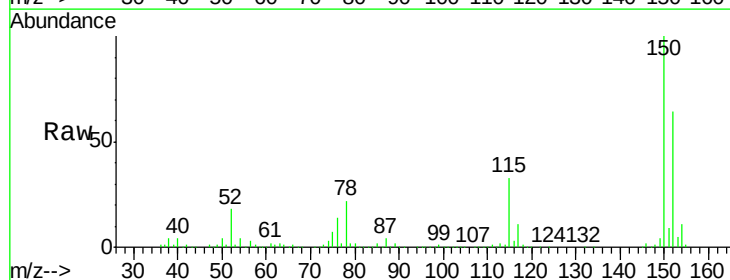
Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-180417

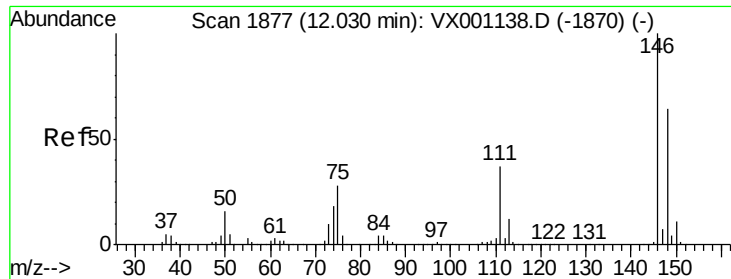
Tot Ion:112 Resp: 1587036
Ion Ratio Lower Upper
112 100
114 32.8 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001198.D
Acq: 28 Apr 2018 03:58

Tgt Ion:152 Resp: 146386
Ion Ratio Lower Upper
152 100
115 53.2 38.0 114.0
150 160.9 0.0 349.6

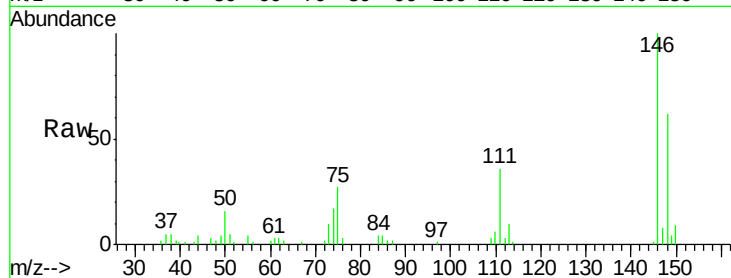




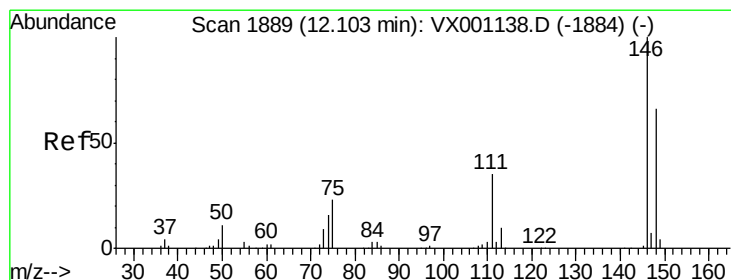
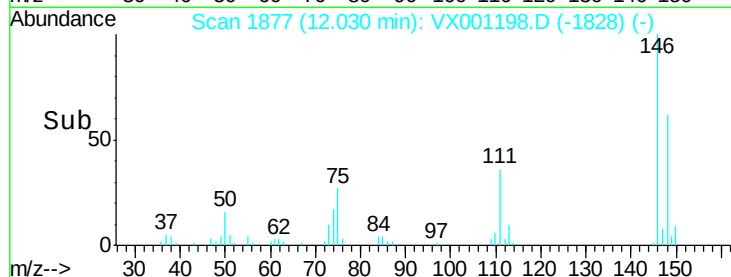
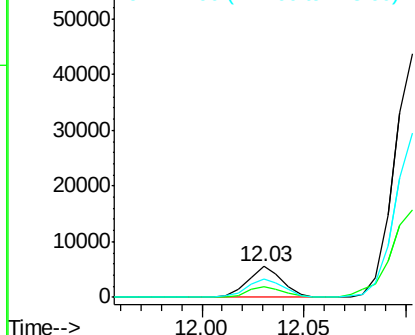
#87
 1,3-Dichlorobenzene
 Concen: 1.27 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001198.D
 Acq: 28 Apr 2018 03:58

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015RW050-180417

Tot Ion:146 Resp: 6464
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.6 56.0
 148 63.3 32.3 96.8

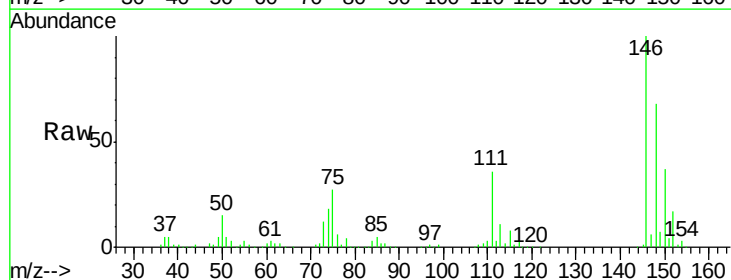


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

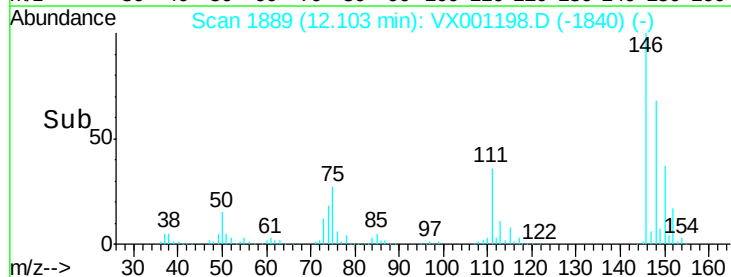
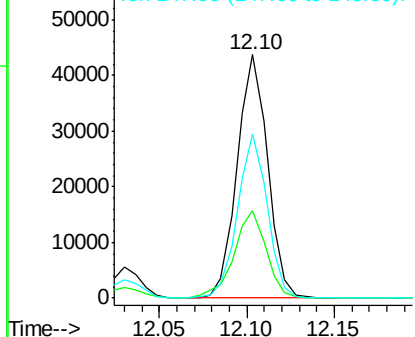


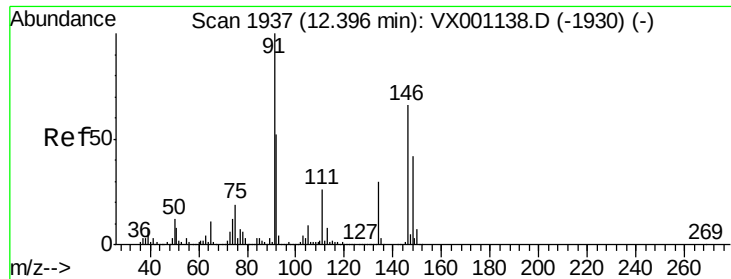
#88
 1,4-Dichlorobenzene
 Concen: 10.02 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001198.D
 Acq: 28 Apr 2018 03:58

Tgt Ion:146 Resp: 53044
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.0 54.0
 148 65.9 32.5 97.5



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





#91
 1,2-Dichlorobenzene
 Concen: 6.20 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001198.D
 Acq: 28 Apr 2018 03:58

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015RW050-180417

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	19.1	57.3
148	62.0	32.2	96.6

