

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042318\
 Data File : VX001051.D
 Acq On : 23 Apr 2018 12:04
 Operator : JC/MD
 Sample : J2349-14DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012RW163-180411DL

Quant Time: Apr 24 07:18:18 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

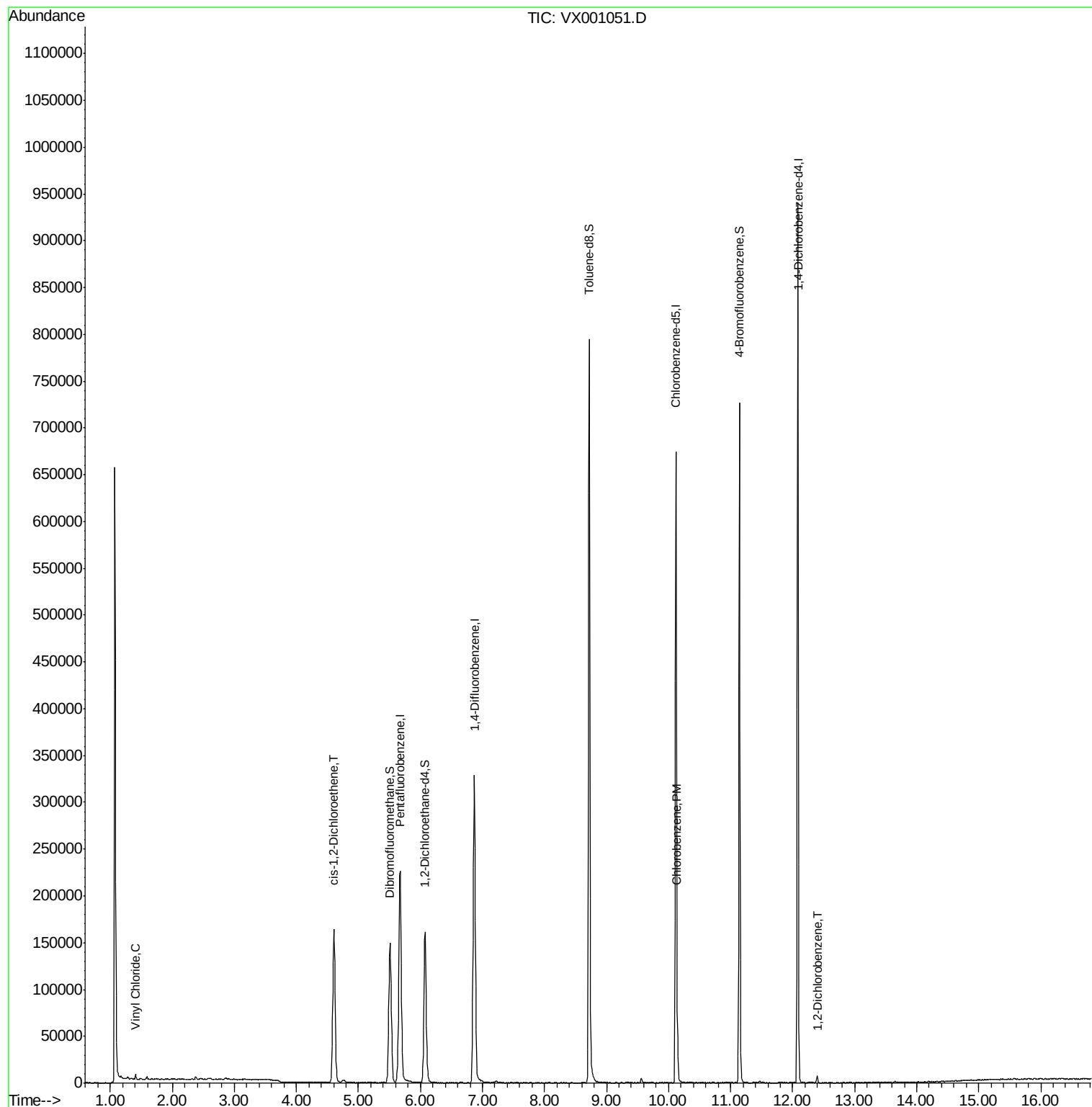
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	242197	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	345522	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	316001	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	201172	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	159020	51.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.60%	
35) Dibromofluoromethane	5.51	113	123856	47.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.02%	
50) Toluene-d8	8.72	98	479929	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.52%	
62) 4-Bromofluorobenzene	11.14	95	181266	44.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.66%	
Target Compounds						
4) Vinyl Chloride	1.40	62	3621	1.25	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	103545	35.38	ug/l	89
65) Chlorobenzene	10.14	112	15007	1.78	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	2512	0.36	ug/l	99

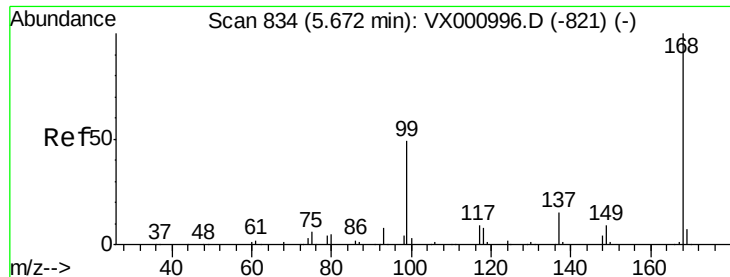
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 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: VX001051.D

Acq: 23 Apr 2018 12:04

Instrument :

MSVOA_X

ClientSampleId :

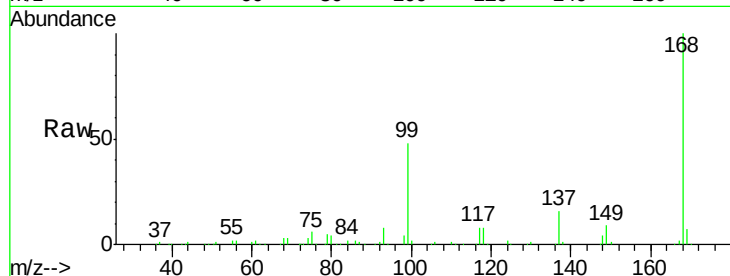
LF012RW163-180411DL

Tot Ion:168 Resp: 242197

Ion Ratio Lower Upper

168 100

99 48.1 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

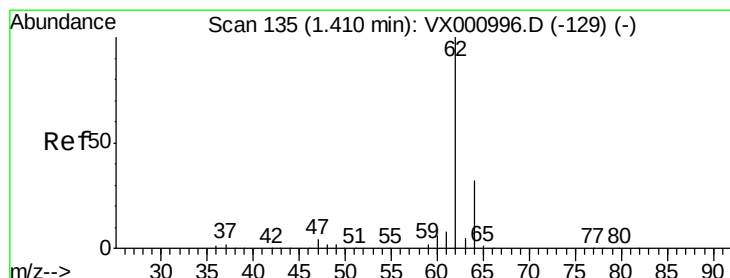
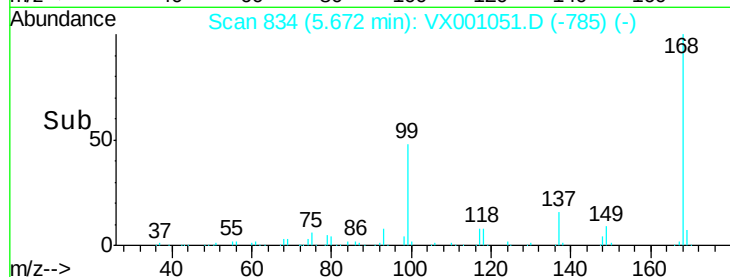
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 1.25 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX001051.D

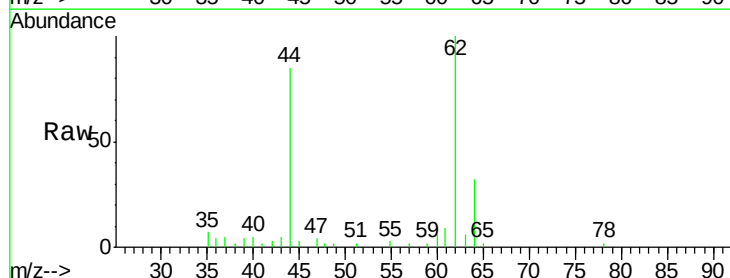
Acq: 23 Apr 2018 12:04

Tgt Ion: 62 Resp: 3621

Ion Ratio Lower Upper

62 100

64 31.9 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

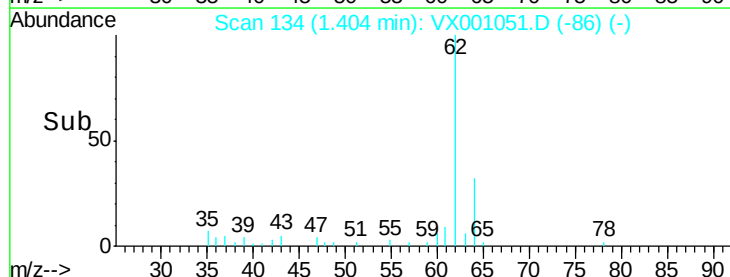
3000

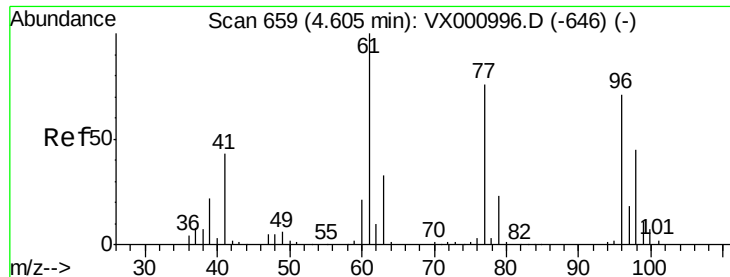
2000

1000

0

Time--> 1.35 1.40 1.45





#27

cis-1,2-Dichloroethene

Concen: 35.38 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001051.D

Acq: 23 Apr 2018 12:04

Instrument :

MSVOA_X

ClientSampleId :

LF012RW163-180411DL

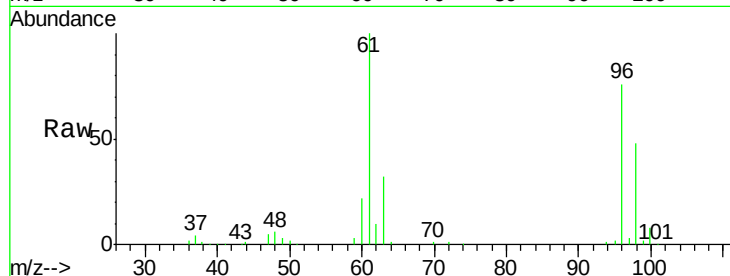
Tot Ion: 96 Resp: 103545

Ion Ratio Lower Upper

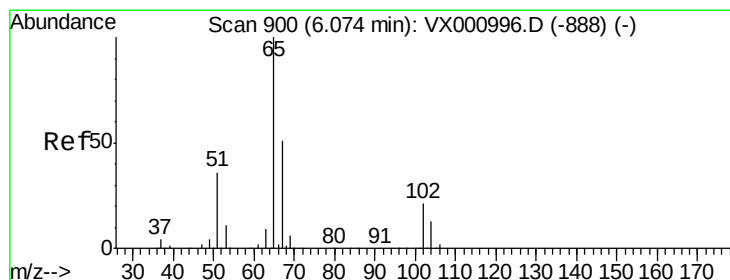
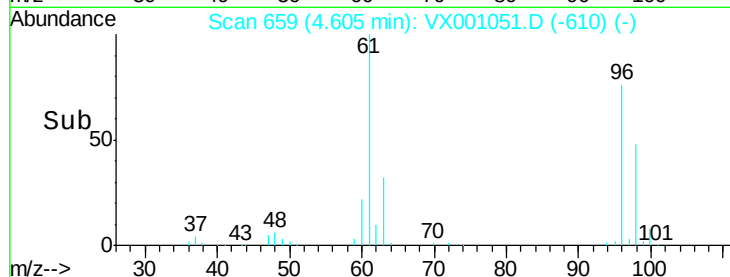
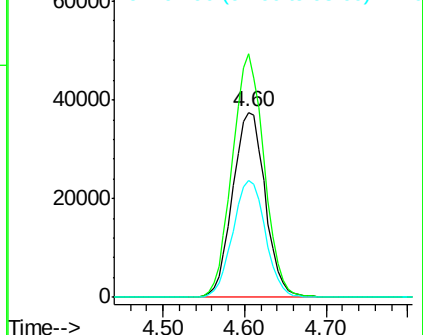
96 100

61 129.2 0.0 297.0

98 63.6 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: 51.80 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001051.D

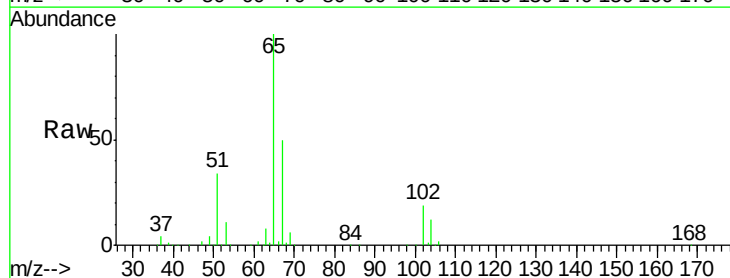
Acq: 23 Apr 2018 12:04

Tgt Ion: 65 Resp: 159020

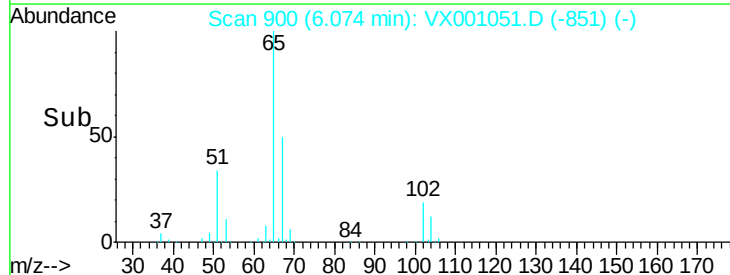
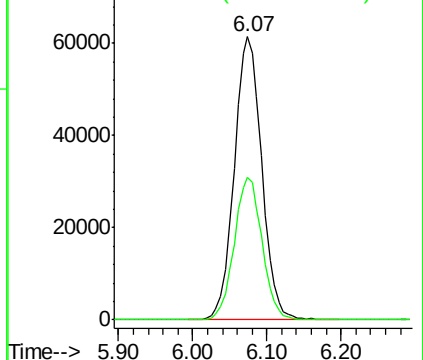
Ion Ratio Lower Upper

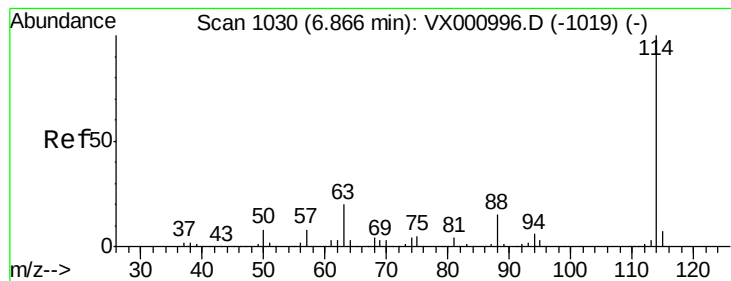
65 100

67 50.9 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: VX001051.D

Acq: 23 Apr 2018 12:04

Instrument :

MSVOA_X

ClientSampleId :

LF012RW163-180411DL

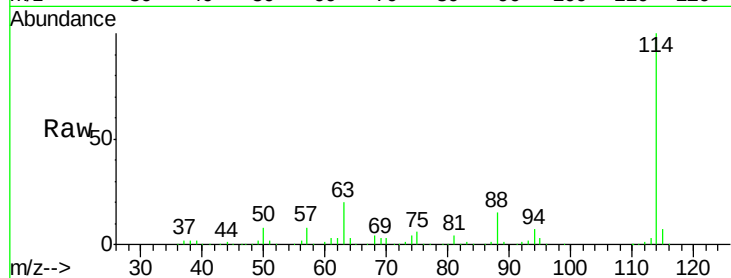
Tot Ion:114 Resp: 345522

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.4

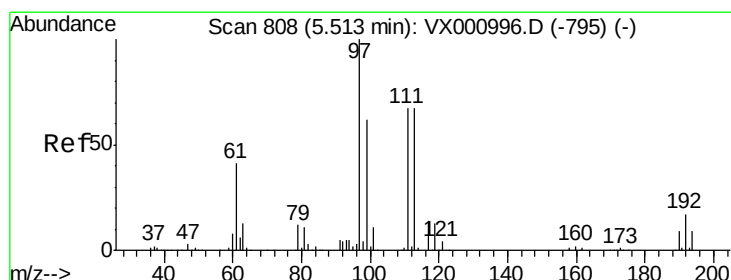
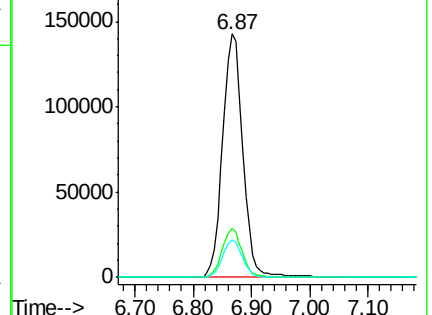
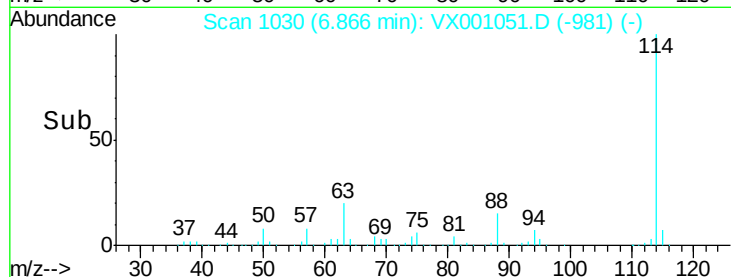
88 15.4 0.0 29.8



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: 47.01 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001051.D

Acq: 23 Apr 2018 12:04

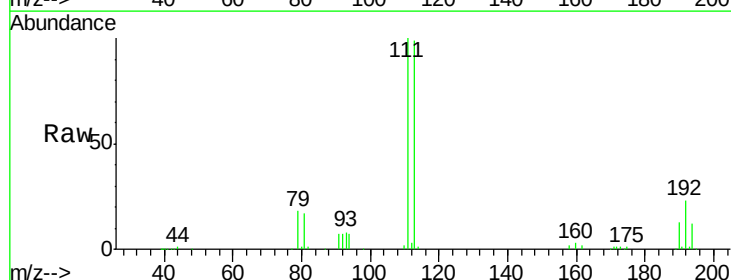
Tgt Ion:113 Resp: 123856

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.2

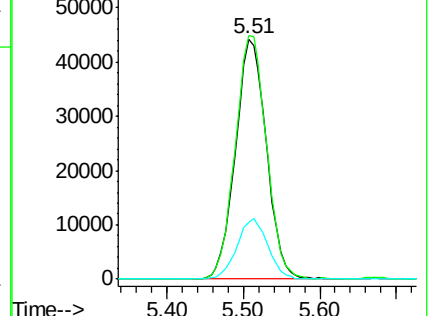
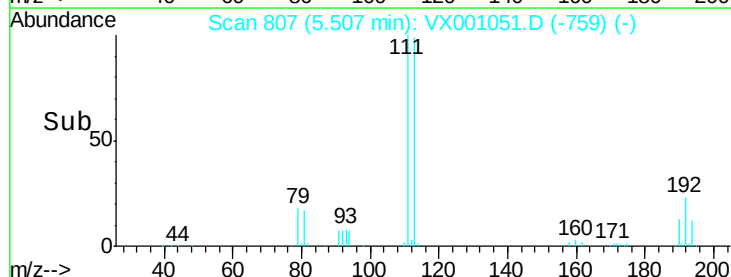
192 25.1 20.4 30.6

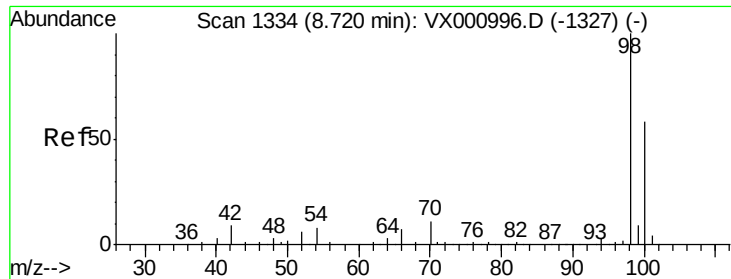


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.26 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001051.D

Acq: 23 Apr 2018 12:04

Instrument :

MSVOA_X

ClientSampleId :

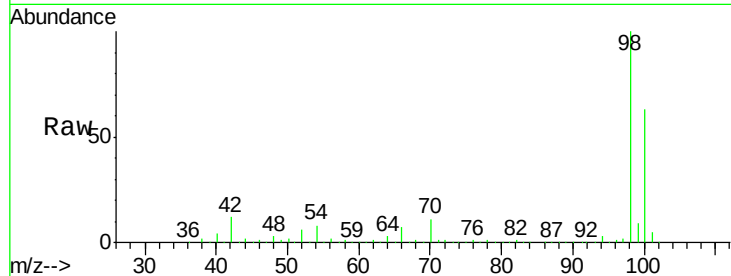
LF012RW163-180411DL

Tot Ion: 98 Resp: 479929

Ion Ratio Lower Upper

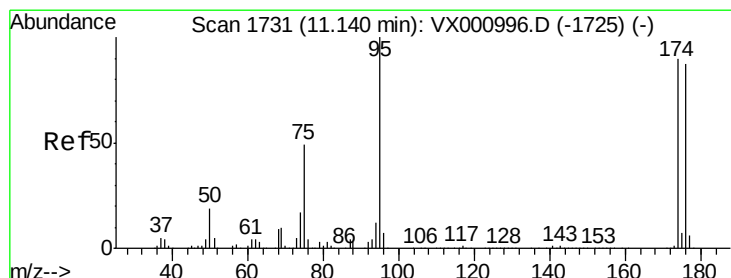
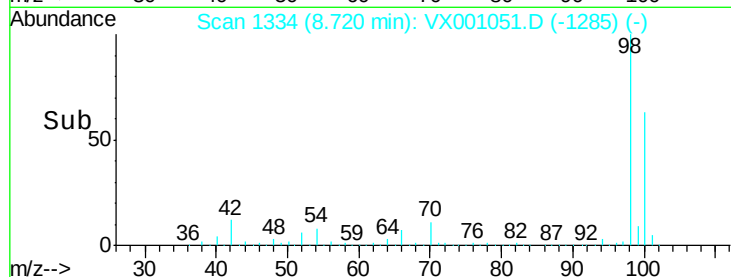
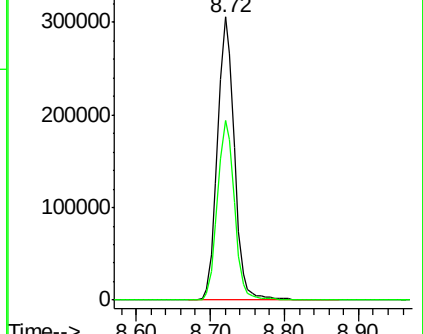
98 100

100 64.1 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 44.33 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001051.D

Acq: 23 Apr 2018 12:04

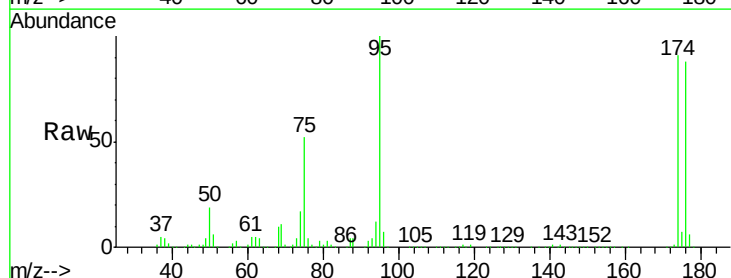
Tgt Ion: 95 Resp: 181266

Ion Ratio Lower Upper

95 100

174 97.7 0.0 198.4

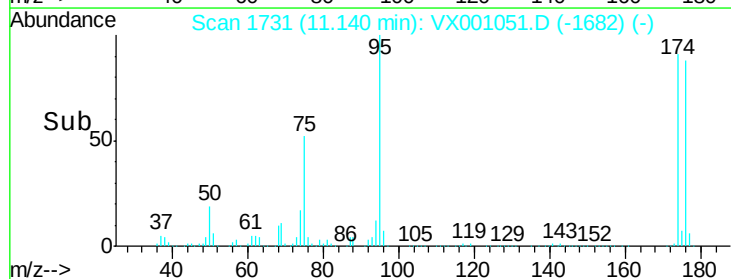
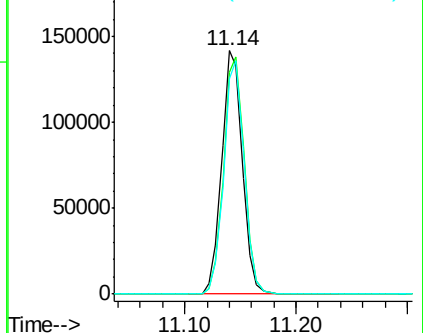
176 94.8 0.0 192.0

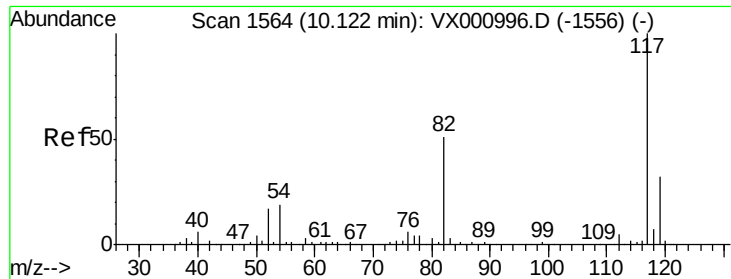


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

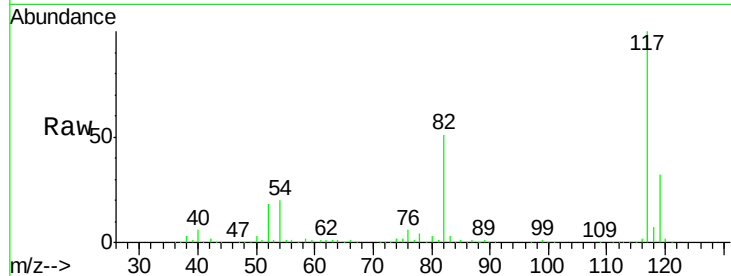




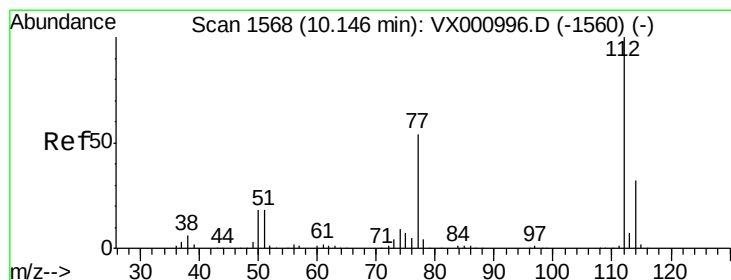
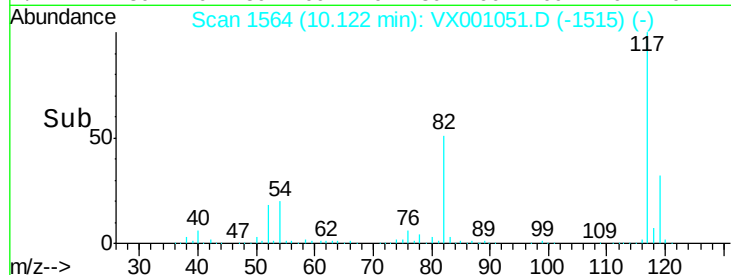
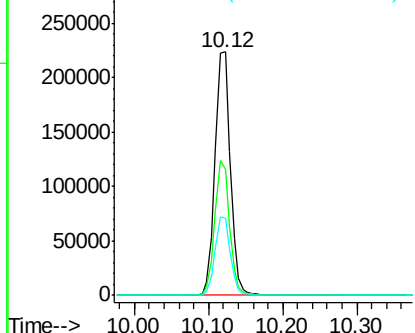
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001051.D
Acq: 23 Apr 2018 12:04

Instrument :
MSVOA_X
ClientSampleId :
LF012RW163-180411DL

Tot Ion:117 Resp: 316001
Ion Ratio Lower Upper
117 100
82 51.5 40.6 60.8
119 31.9 26.0 39.0

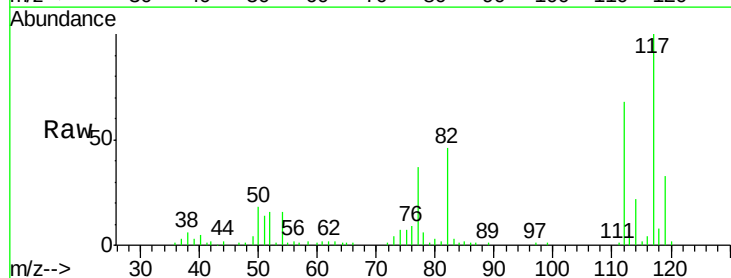


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

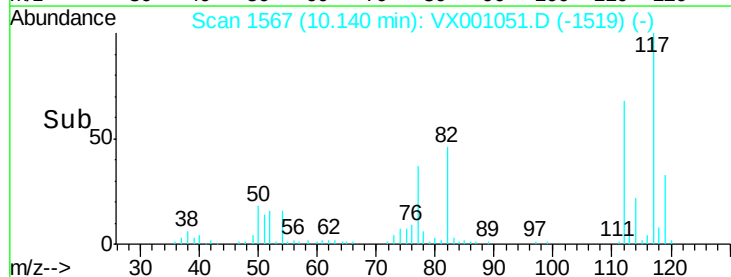
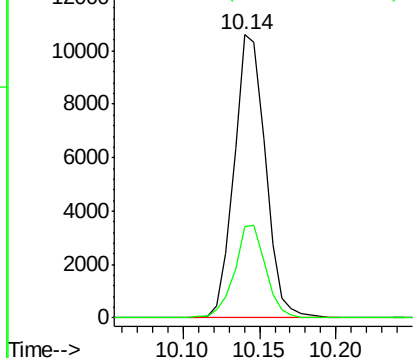


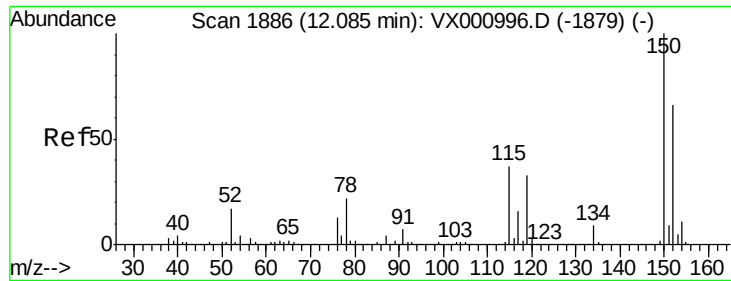
#65
Chlorobenzene
Concen: 1.78 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX001051.D
Acq: 23 Apr 2018 12:04

Tgt Ion:112 Resp: 15007
Ion Ratio Lower Upper
112 100
114 32.5 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: VX001051.D

Acq: 23 Apr 2018 12:04

Instrument :

MSVOA_X

ClientSampleId :

LF012RW163-180411DL

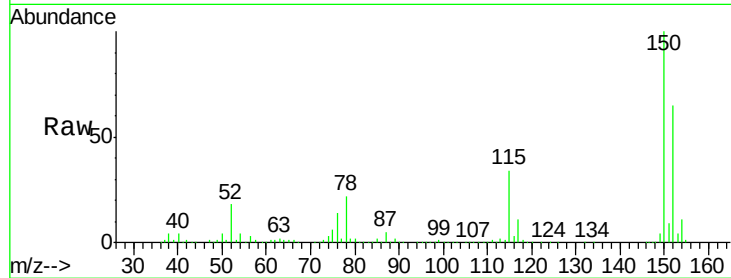
Tot Ion:152 Resp: 201172

Ion Ratio Lower Upper

152 100

115 54.0 38.2 114.6

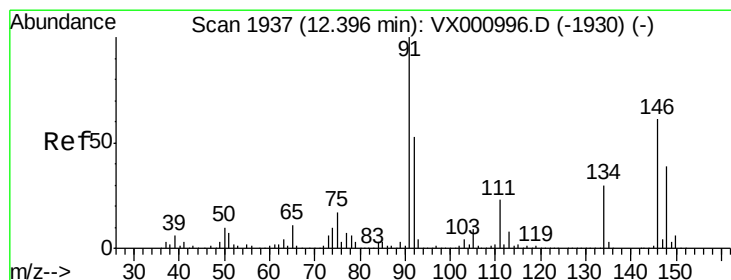
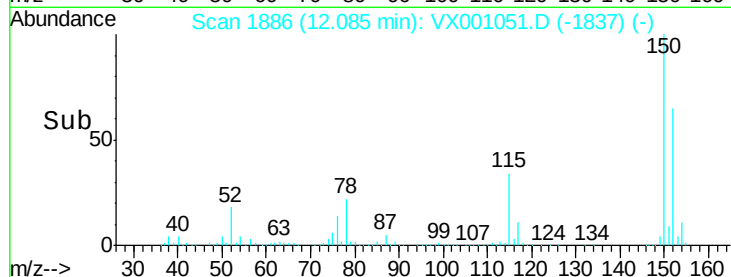
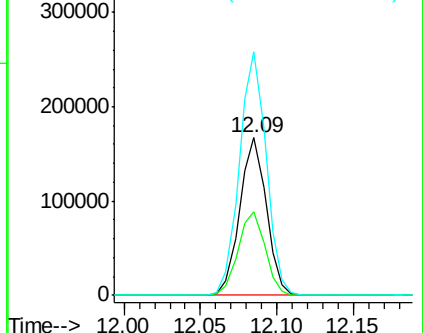
150 155.6 0.0 350.4



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: 0.36 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001051.D

Acq: 23 Apr 2018 12:04

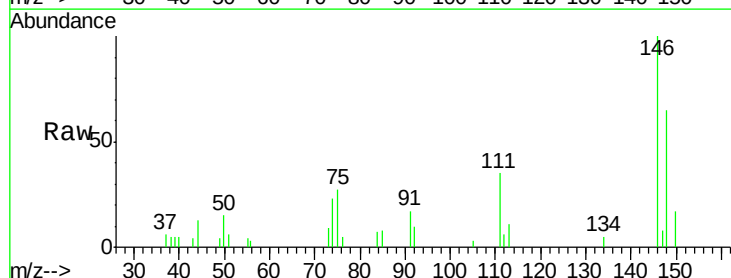
Tgt Ion:146 Resp: 2512

Ion Ratio Lower Upper

146 100

111 36.1 18.6 56.0

148 65.2 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

