

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060718\
 Data File : VX002379.D
 Acq On : 07 Jun 2018 15:54
 Operator : JC/MD
 Sample : J3340-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF5-0064

Quant Time: Jun 07 16:51:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	227192	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	331469	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	300961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	170918	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	174769	54.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.16%	
35) Dibromofluoromethane	5.51	113	129183	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
50) Toluene-d8	8.72	98	519643	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
62) 4-Bromofluorobenzene	11.14	95	179944	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	

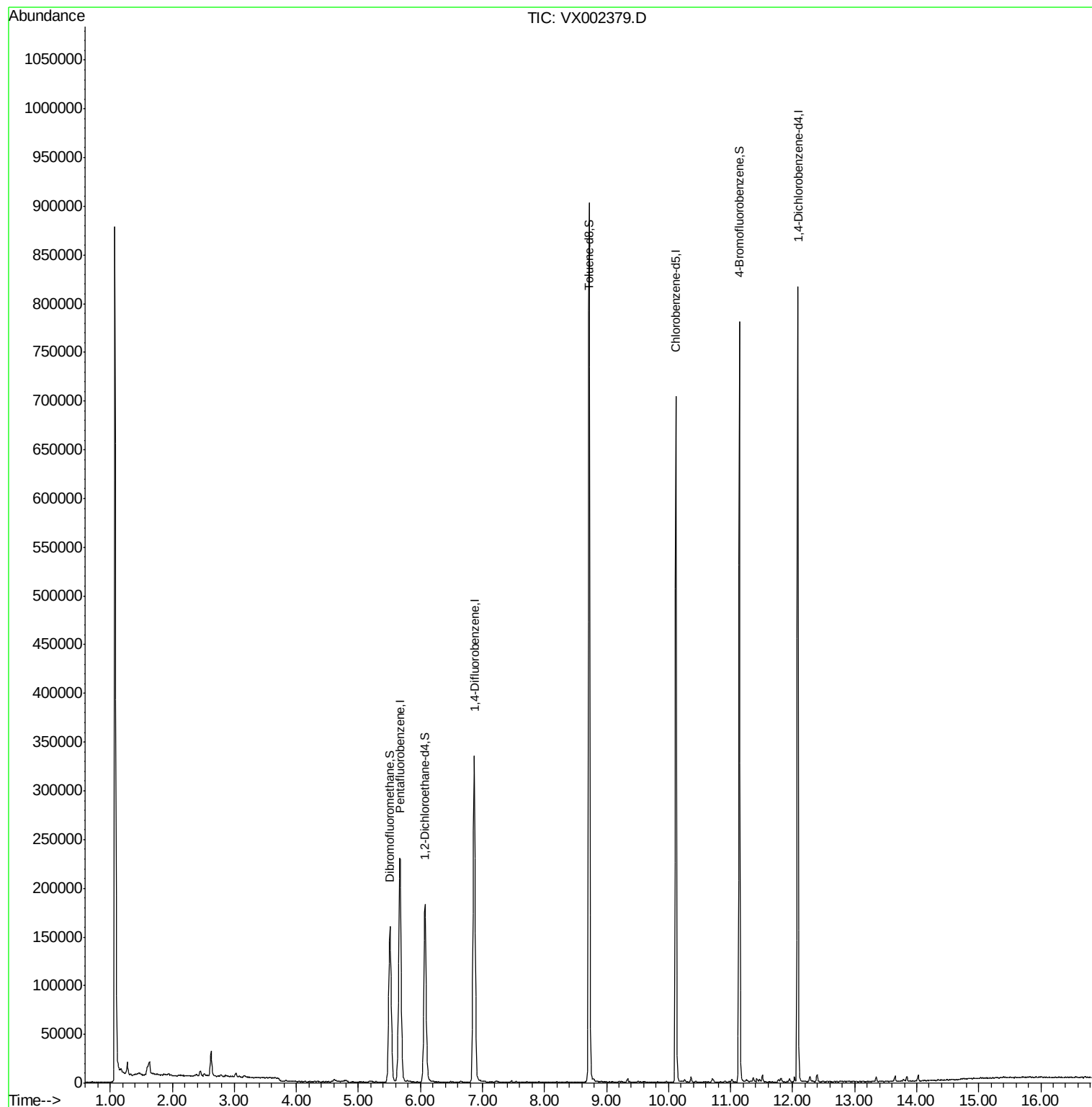
Target Compounds	Qvalue

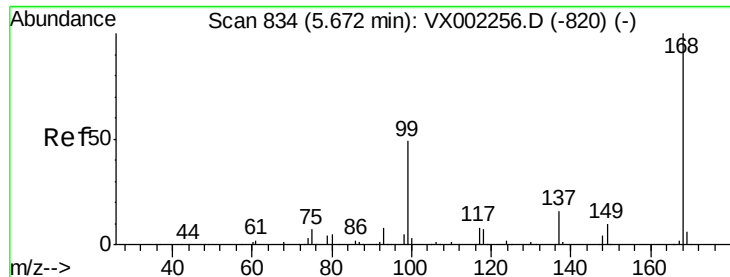
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

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MSVOA_X

ClientSampleId :

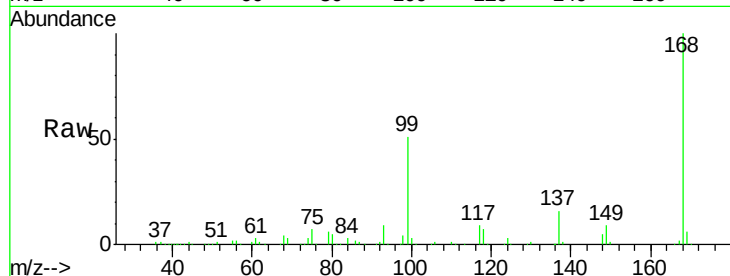
LF5-0064

Tgt Ion:168 Resp: 227192

Ion Ratio Lower Upper

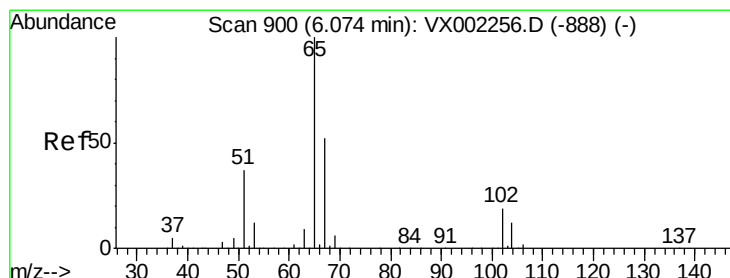
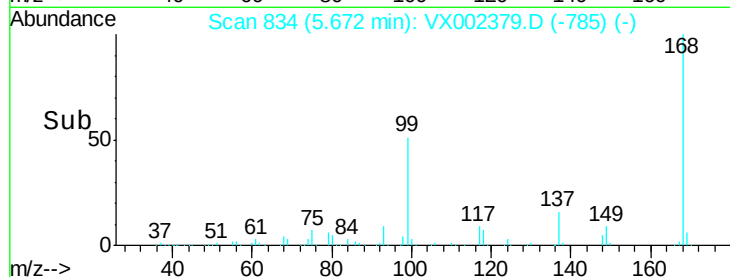
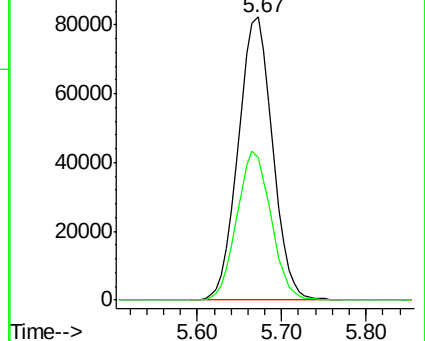
168 100

99 50.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 54.076 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002379.D

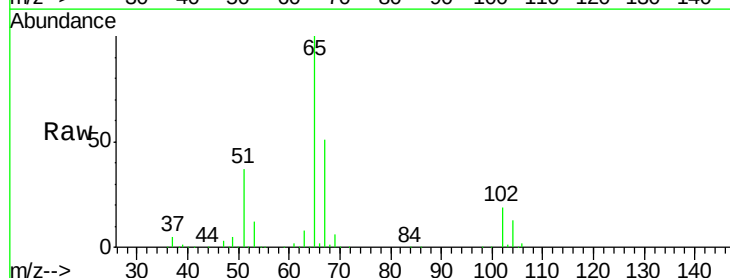
Acq: 07 Jun 2018 15:54

Tgt Ion: 65 Resp: 174769

Ion Ratio Lower Upper

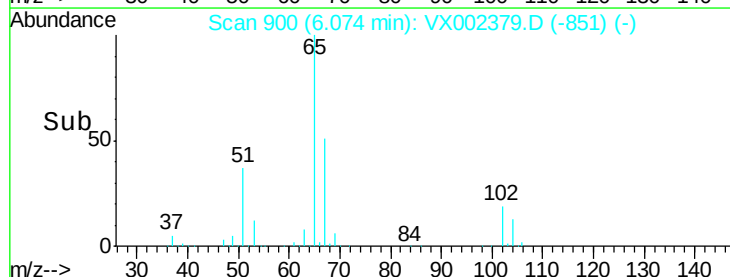
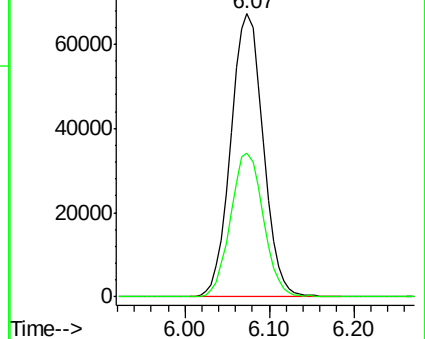
65 100

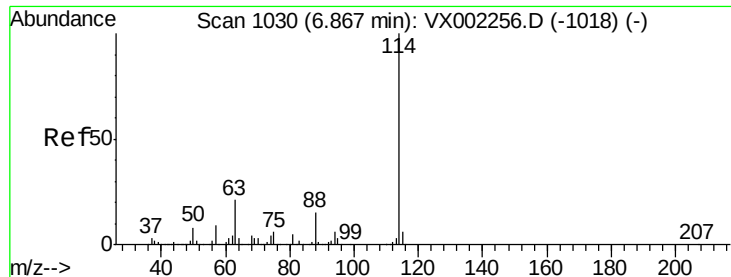
67 51.4 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002379.D

Acq: 07 Jun 2018 15:54

Instrument :

MSVOA_X

ClientSampleId :

LF5-0064

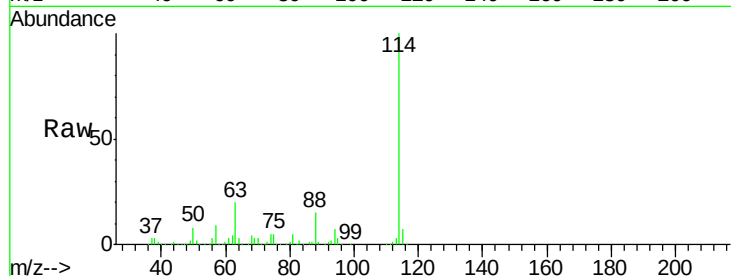
Tgt Ion:114 Resp: 331469

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.4

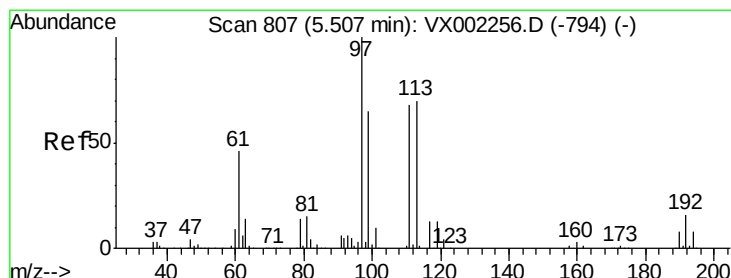
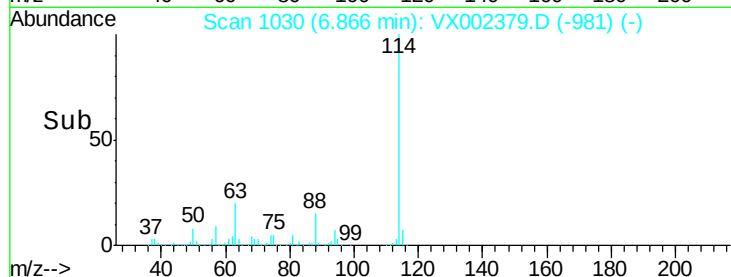
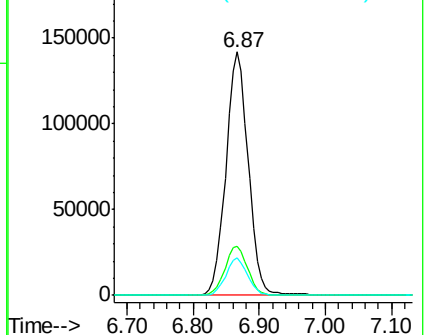
88 15.4 0.0 30.0



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: 49.558 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002379.D

Acq: 07 Jun 2018 15:54

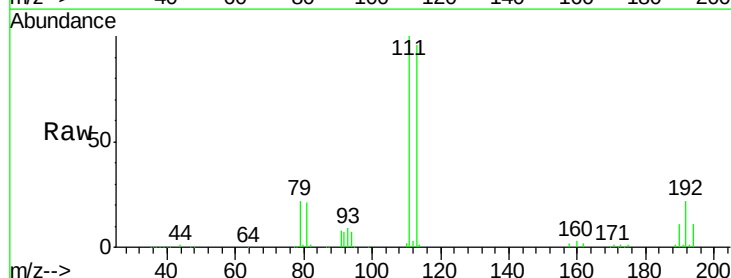
Tgt Ion:113 Resp: 129183

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

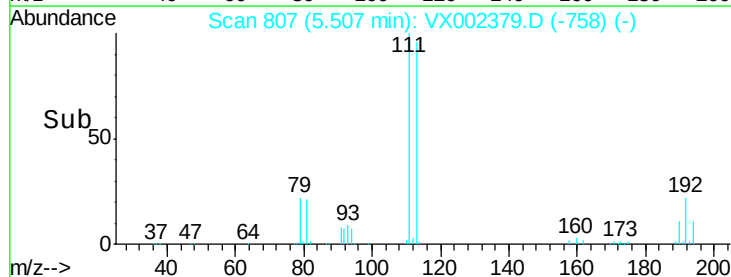
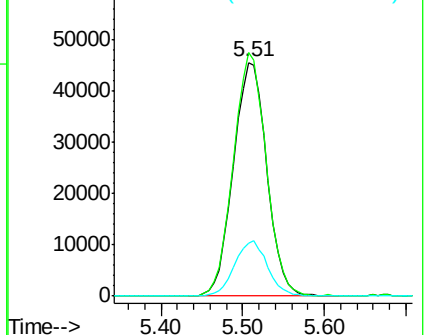
192 23.3 19.1 28.7

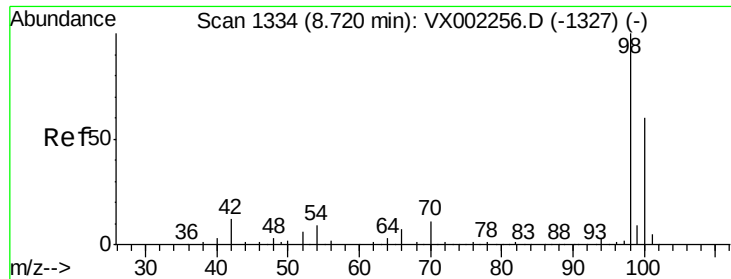


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

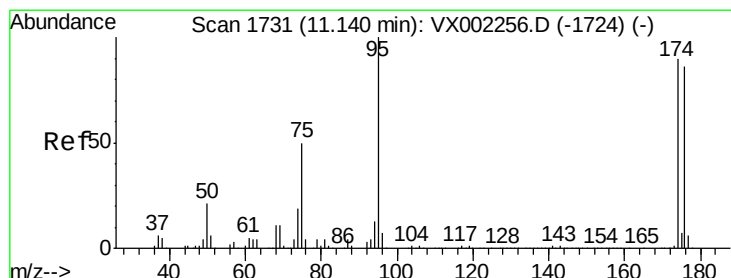
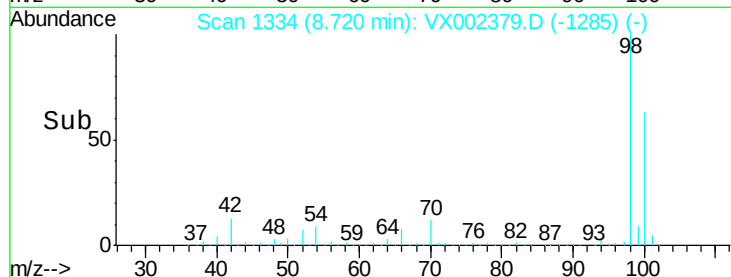
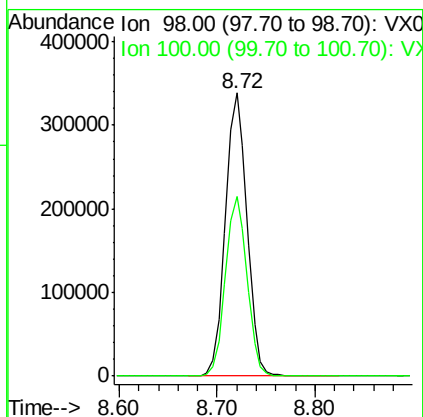
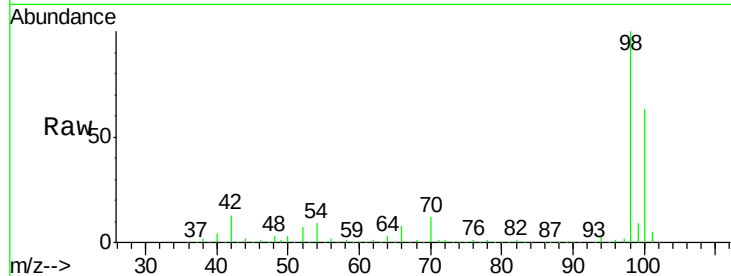




#50
Toluene-d8
Concen: 52.009 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002379.D
Acq: 07 Jun 2018 15:54

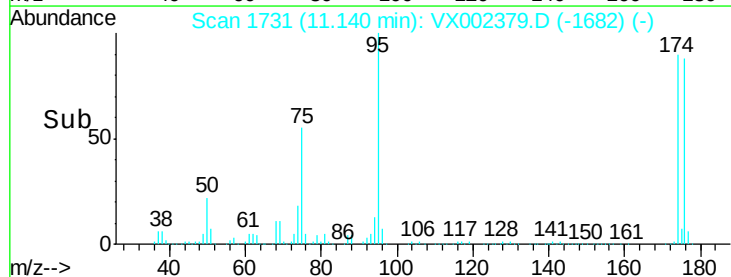
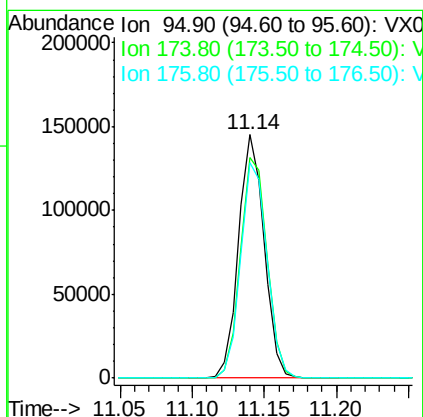
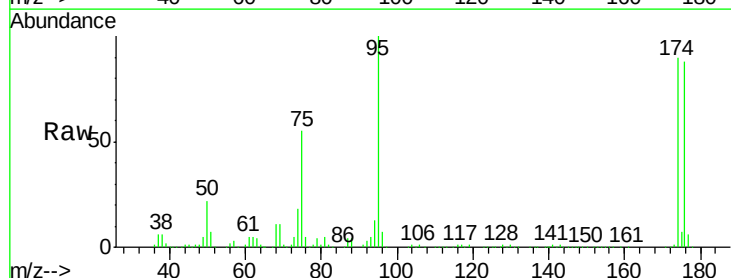
Instrument :
MSVOA_X
ClientSampleId :
LF5-0064

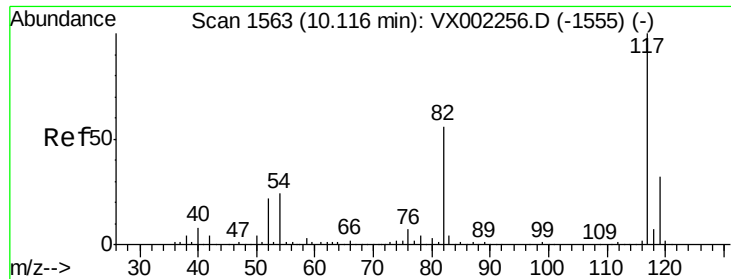
Tgt Ion: 98 Resp: 519643
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 46.705 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002379.D
Acq: 07 Jun 2018 15:54

Tgt Ion: 95 Resp: 179944
Ion Ratio Lower Upper
95 100
174 94.2 0.0 187.4
176 90.8 0.0 181.0

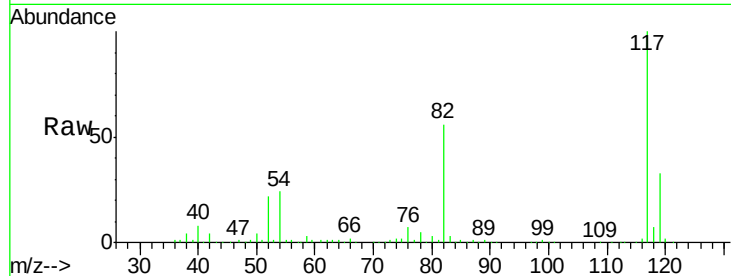




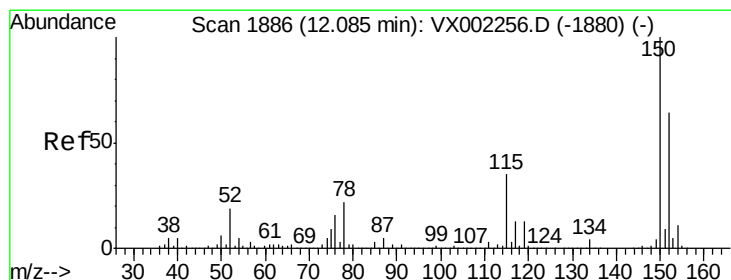
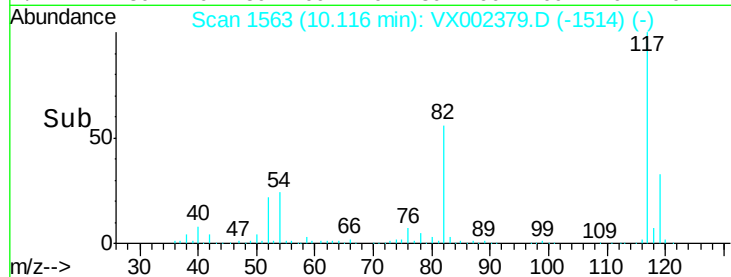
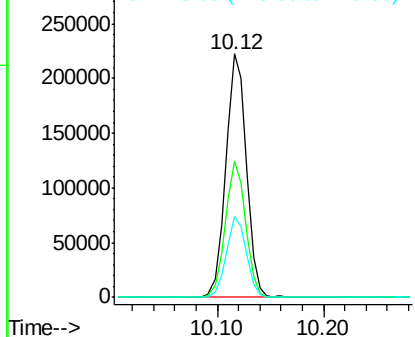
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002379.D
Acq: 07 Jun 2018 15:54

Instrument :
MSVOA_X
ClientSampleId :
LF5-0064

Tgt Ion:117 Resp: 300961
Ion Ratio Lower Upper
117 100
82 55.8 45.0 67.4
119 33.3 25.8 38.6

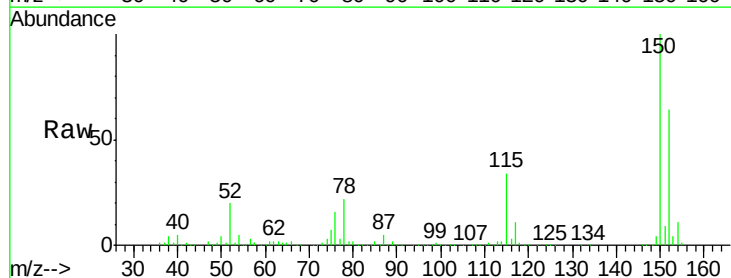


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002379.D
Acq: 07 Jun 2018 15:54

Tgt Ion:152 Resp: 170918
Ion Ratio Lower Upper
152 100
115 55.2 40.1 120.2
150 156.9 0.0 347.2



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

