

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042718\
 Data File : VX001173.D
 Acq On : 27 Apr 2018 16:28
 Operator : JC/MD
 Sample : J2464-05DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW100-180418DL

Quant Time: Apr 28 06:25:49 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

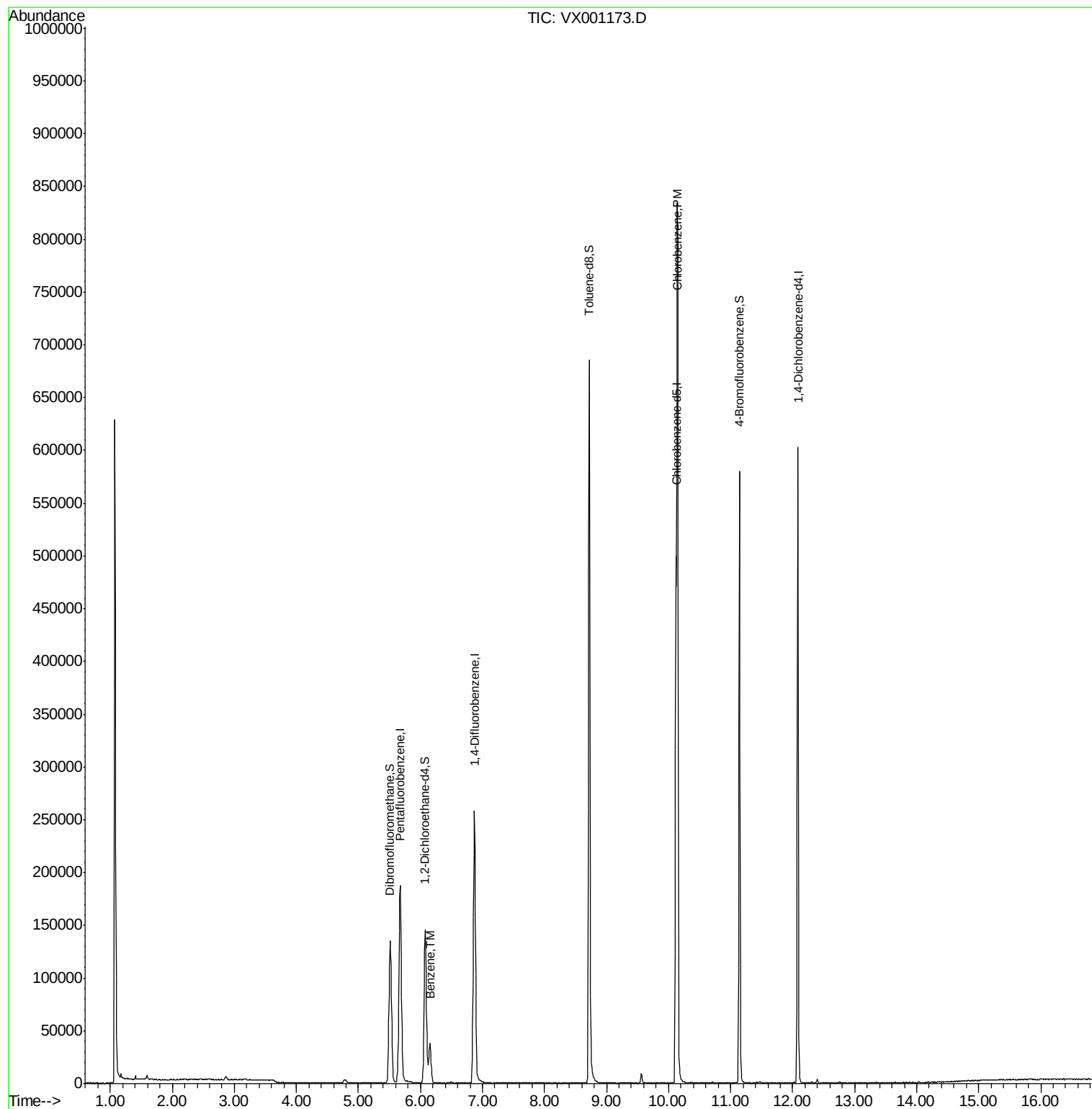
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	197877	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	271368	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	237847	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	130231	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	141687	46.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.38%	
35) Dibromofluoromethane	5.51	113	109728	48.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.70%	
50) Toluene-d8	8.72	98	418739	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
62) 4-Bromofluorobenzene	11.14	95	138326	41.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.54%	
Target Compounds						
40) Benzene	6.15	78	42552	4.92	ug/l	99
65) Chlorobenzene	10.15	112	359647	57.71	ug/l	98

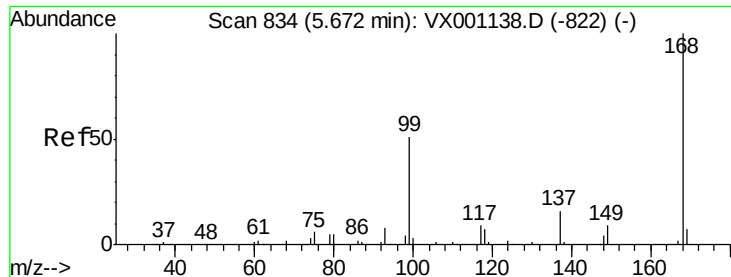
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001173.D

Acq: 27 Apr 2018 16:28

Instrument :

MSVOA_X

ClientSampleId :

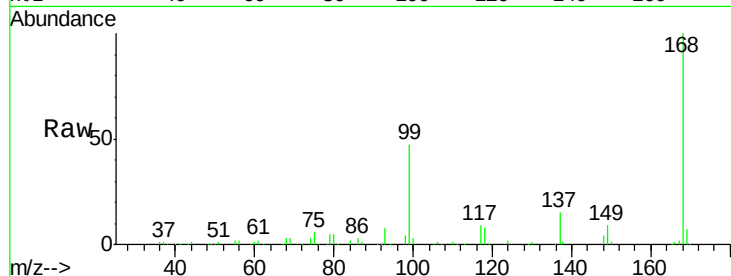
SS043MW100-180418DL

Tot Ion:168 Resp: 197877

Ion Ratio Lower Upper

168 100

99 46.9 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

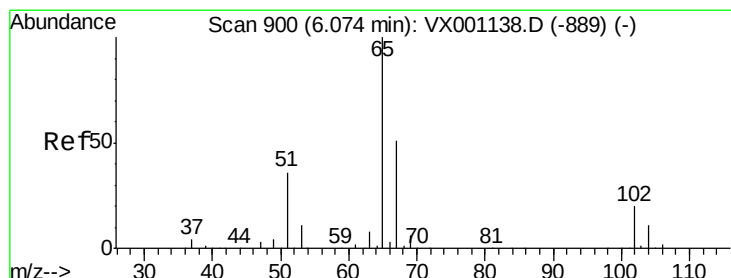
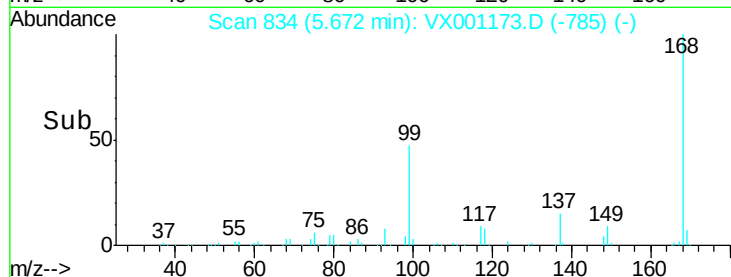
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.19 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001173.D

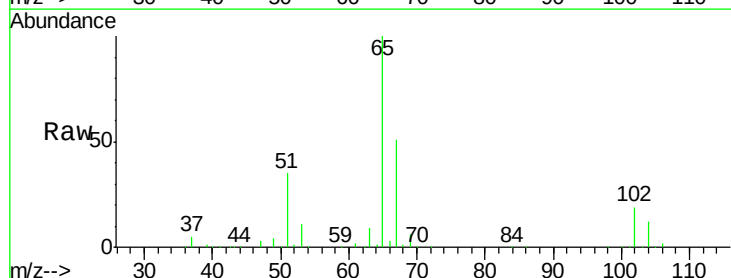
Acq: 27 Apr 2018 16:28

Tgt Ion: 65 Resp: 141687

Ion Ratio Lower Upper

65 100

67 50.3 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

50000

40000

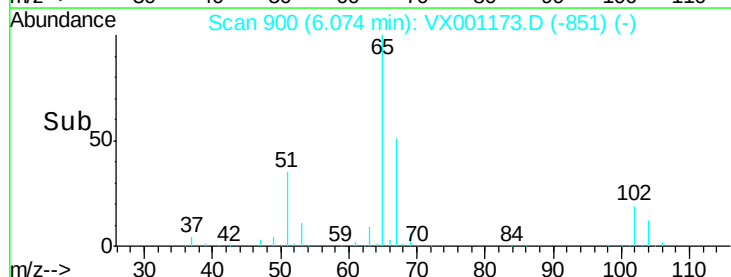
30000

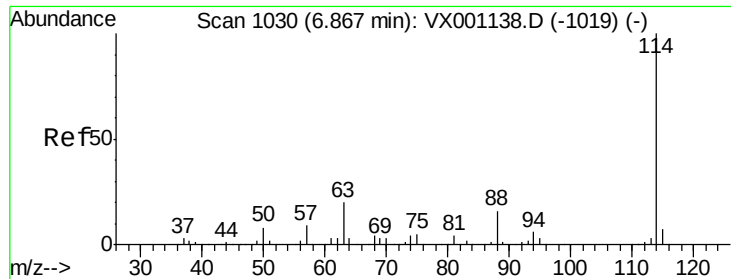
20000

10000

0

Time--> 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001173.D

Acq: 27 Apr 2018 16:28

Instrument :

MSVOA_X

ClientSampleId :

SS043MW100-180418DL

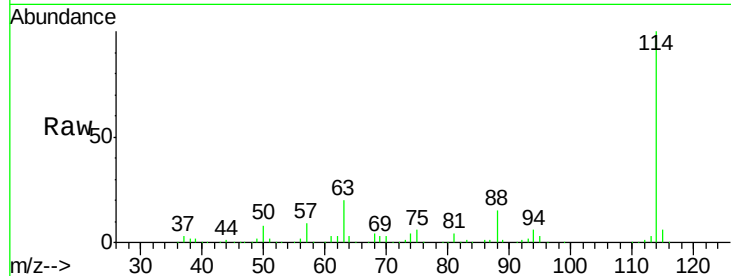
Tot Ion:114 Resp: 271368

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.4

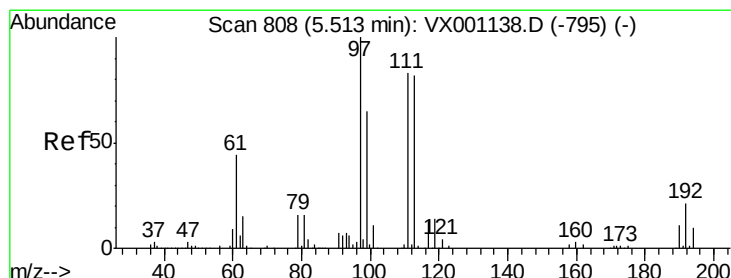
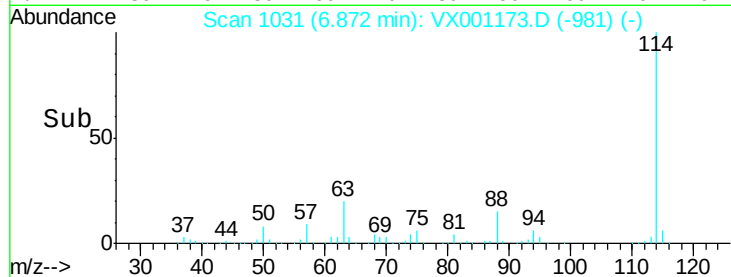
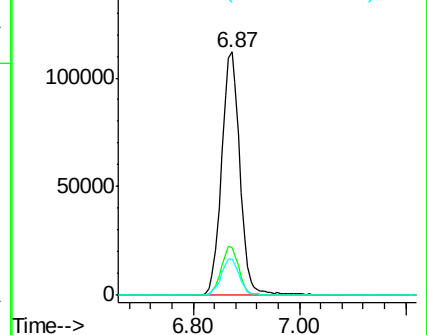
88 14.8 0.0 31.8



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: 48.85 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001173.D

Acq: 27 Apr 2018 16:28

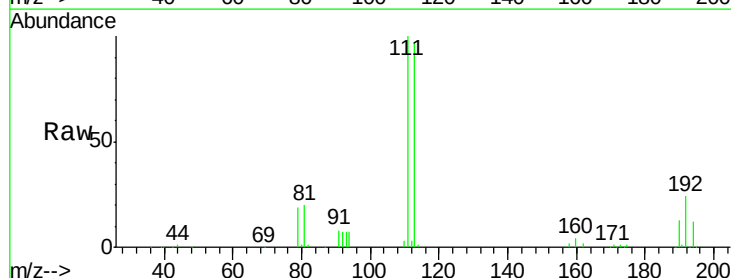
Tgt Ion:113 Resp: 109728

Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.4

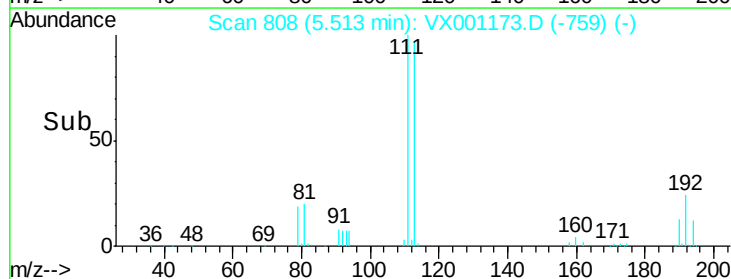
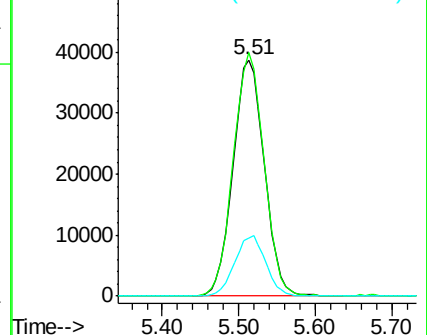
192 25.3 20.6 30.8

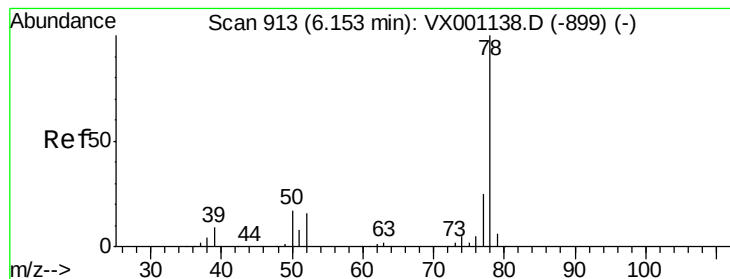


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 4.92 ug/l

RT: 6.15 min Scan# 913

Delta R.T. -0.00 min

Lab File: VX001173.D

Acq: 27 Apr 2018 16:28

Instrument :

MSVOA_X

ClientSampleId :

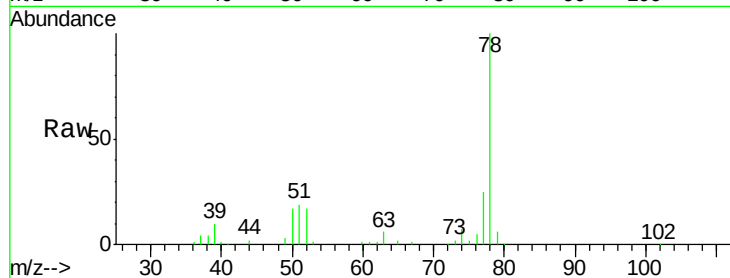
SS043MW100-180418DL

Tot Ion: 78 Resp: 42552

Ion Ratio Lower Upper

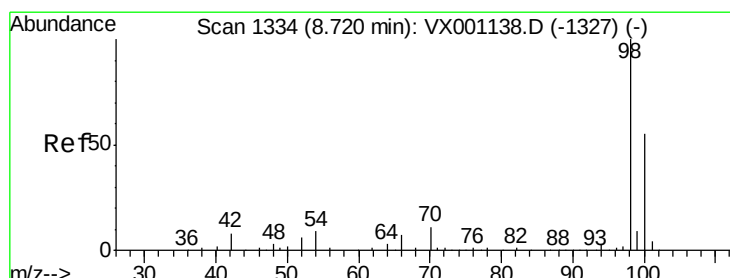
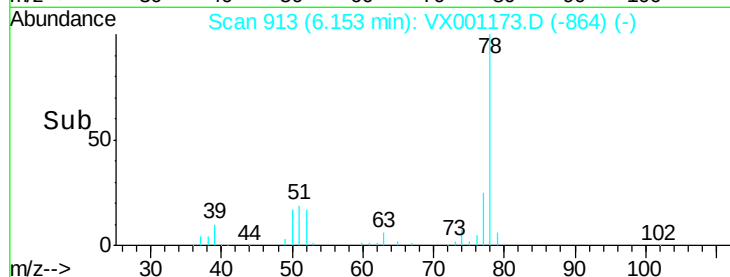
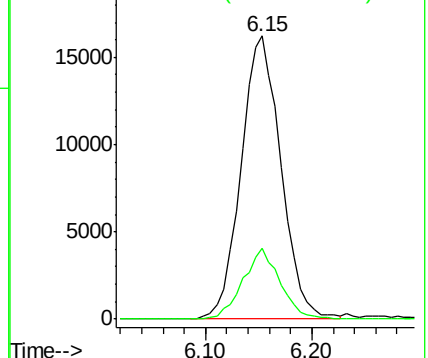
78 100

77 24.9 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: 49.40 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001173.D

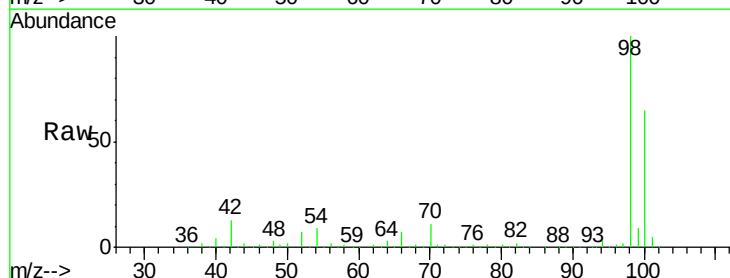
Acq: 27 Apr 2018 16:28

Tgt Ion: 98 Resp: 418739

Ion Ratio Lower Upper

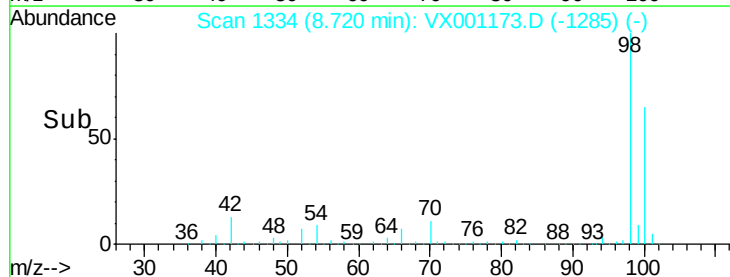
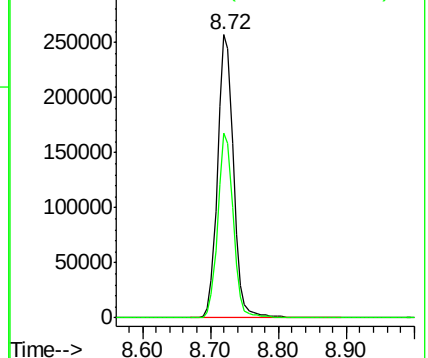
98 100

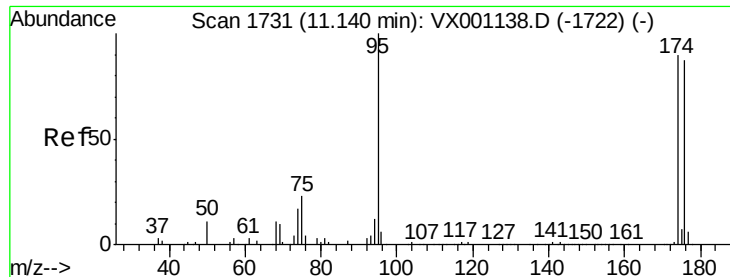
100 63.8 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 41.77 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001173.D

Acq: 27 Apr 2018 16:28

Instrument :

MSVOA_X

ClientSampleId :

SS043MW100-180418DL

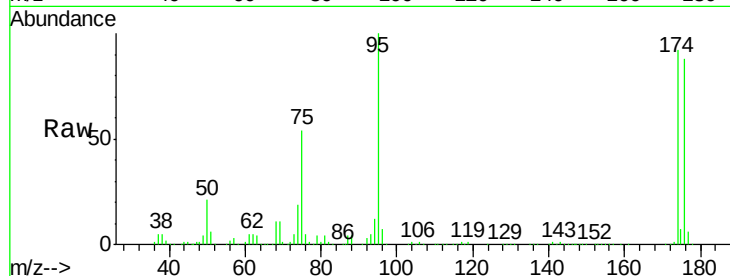
Tot Ion: 95 Resp: 138326

Ion Ratio Lower Upper

95 100

174 102.7 0.0 194.4

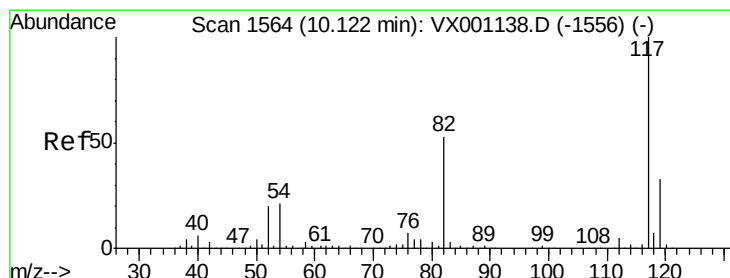
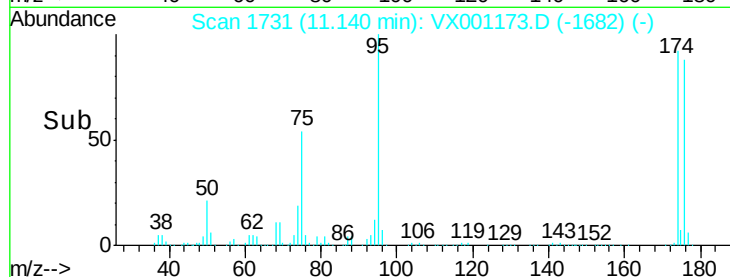
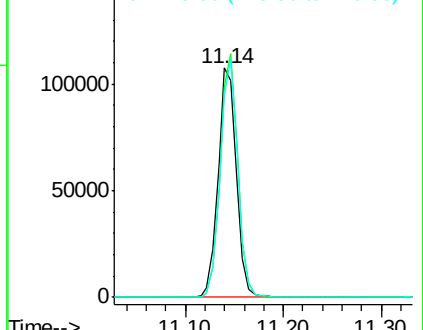
176 100.0 0.0 190.2



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: VX001173.D

Acq: 27 Apr 2018 16:28

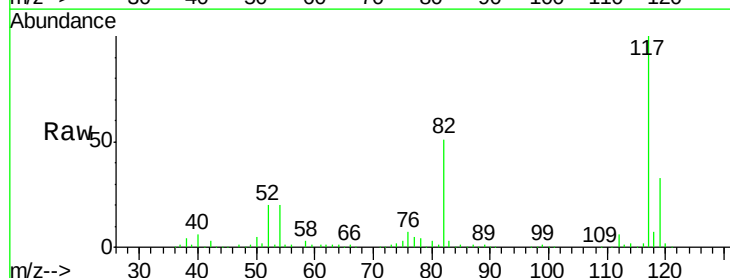
Tgt Ion: 117 Resp: 237847

Ion Ratio Lower Upper

117 100

82 51.3 42.1 63.1

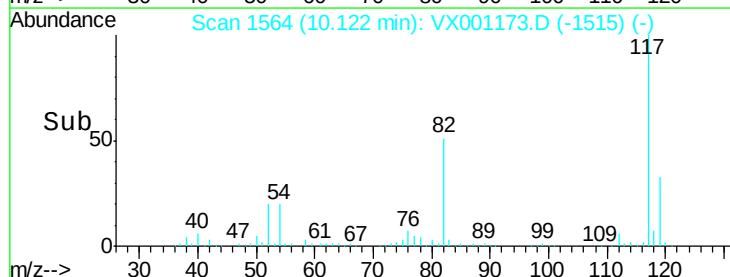
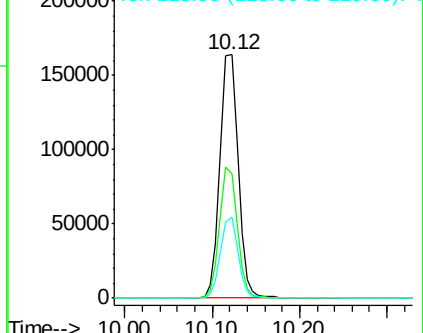
119 33.2 26.1 39.1

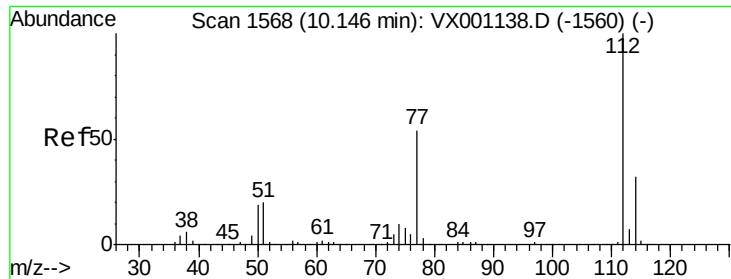


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

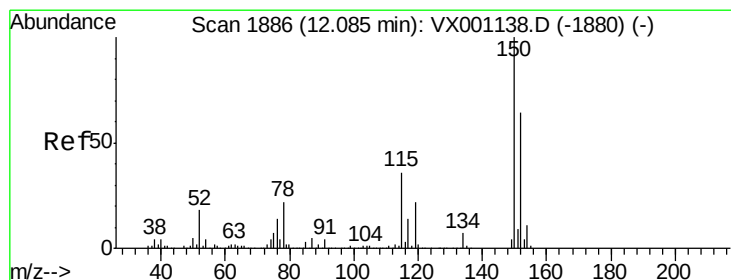
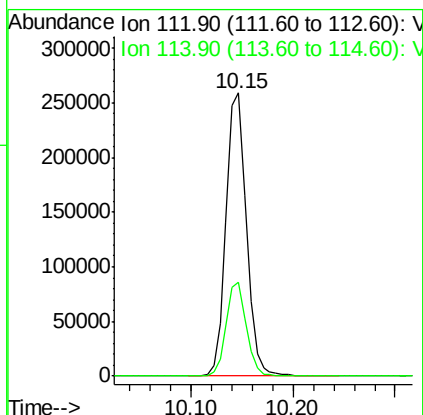
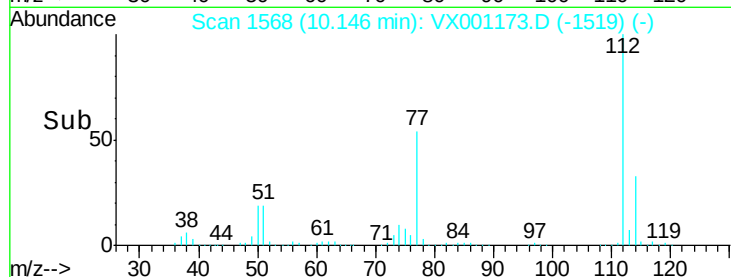
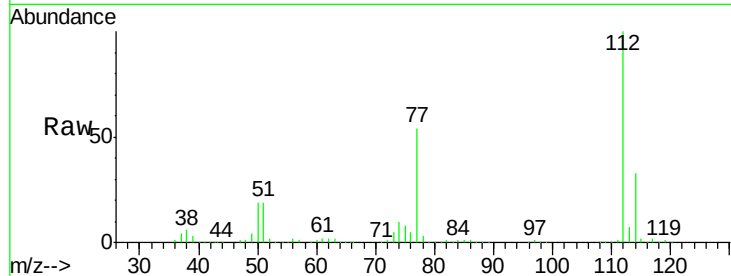




#65
Chlorobenzene
Concen: 57.71 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001173.D
Acq: 27 Apr 2018 16:28

Instrument :
MSVOA_X
ClientSampleId :
SS043MW100-180418DL

Tot Ion:112 Resp: 359647
Ion Ratio Lower Upper
112 100
114 33.1 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: VX001173.D
Acq: 27 Apr 2018 16:28

Tgt Ion:152 Resp: 130231
Ion Ratio Lower Upper
152 100
115 52.8 38.0 114.0
150 154.9 0.0 349.6

