

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032918\
 Data File : VX000520.D
 Acq On : 29 Mar 2018 18:32
 Operator : JC/MD
 Sample : J2097-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PZ-8

Quant Time: Mar 30 07:20:30 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

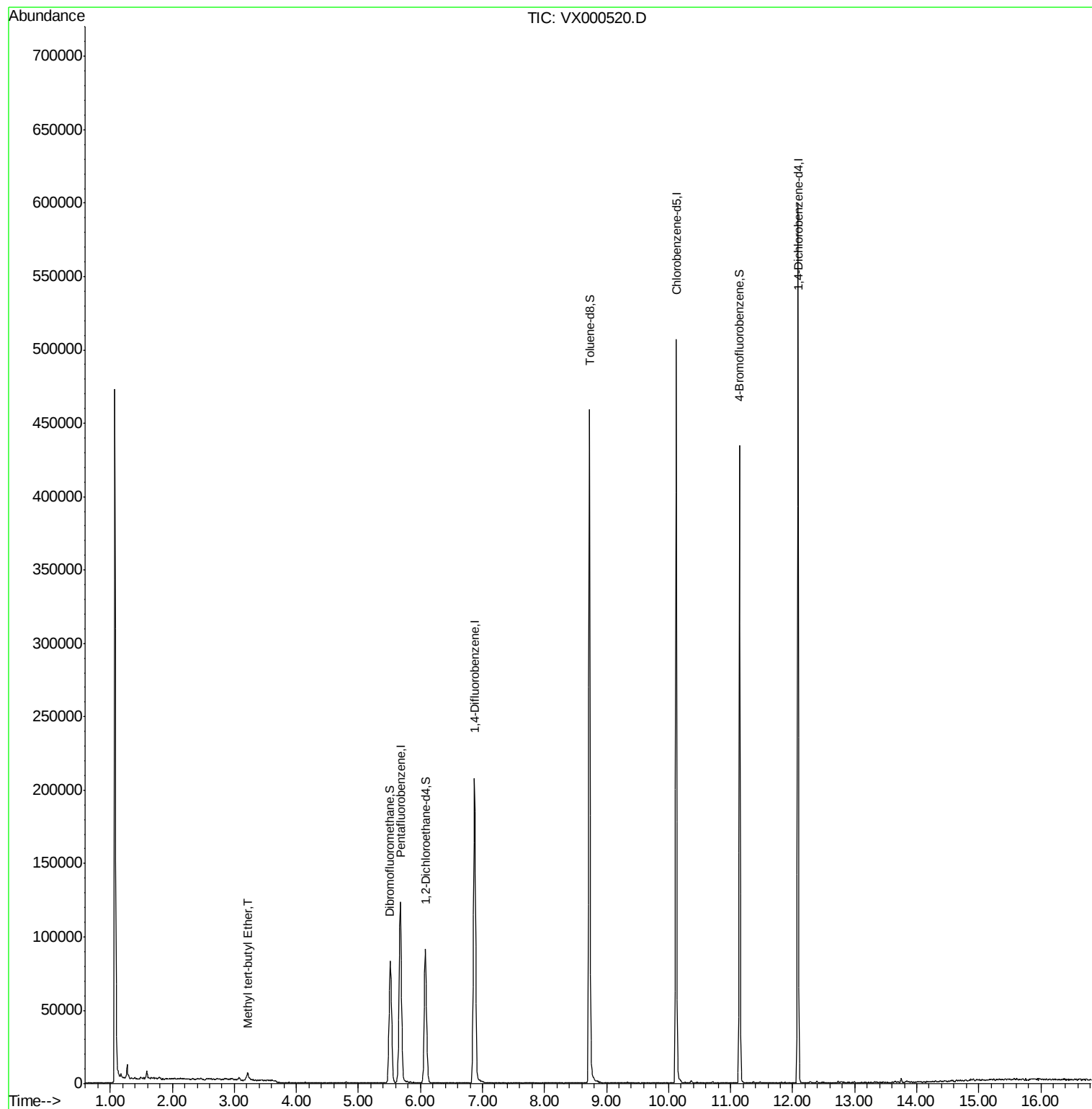
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	116779	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	206400	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	211950	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	112987	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	83624	54.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.72%	
35) Dibromofluoromethane	5.51	113	64842	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
50) Toluene-d8	8.73	98	273320	50.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.48%	
62) 4-Bromofluorobenzene	11.15	95	97467	43.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.42%	
Target Compounds						
19) Methyl tert-butyl Ether	3.21	73	4645	0.99	ug/l	Qvalue 94

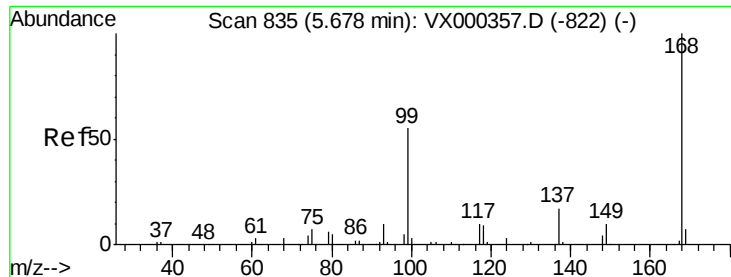
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000520.D

Acq: 29 Mar 2018 18:32

Instrument :

MSVOA_X

ClientSampleId :

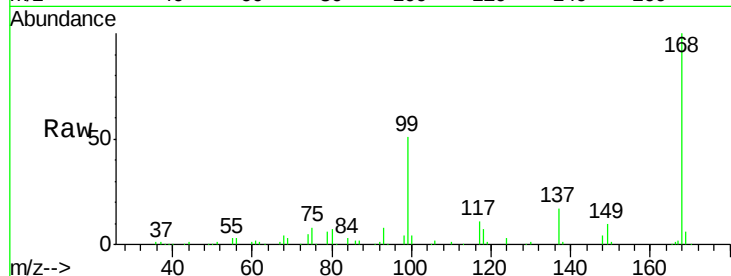
PZ-8

Tot Ion:168 Resp: 116779

Ion Ratio Lower Upper

168 100

99 51.0 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

40000

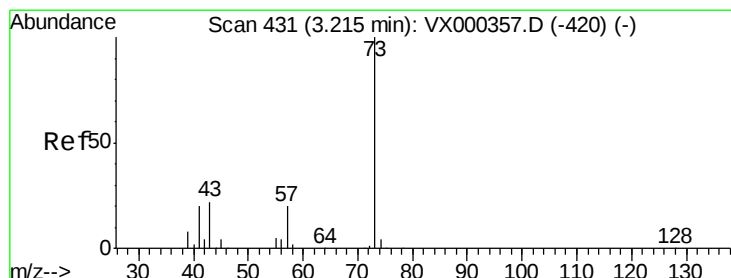
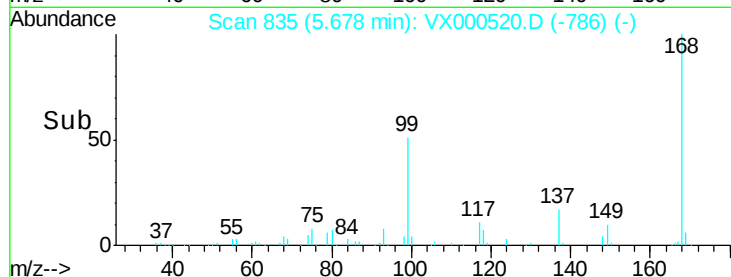
30000

20000

10000

0

Time-->



#19

Methyl tert-butyl Ether

Concen: 0.99 ug/l

RT: 3.21 min Scan# 431

Delta R.T. -0.00 min

Lab File: VX000520.D

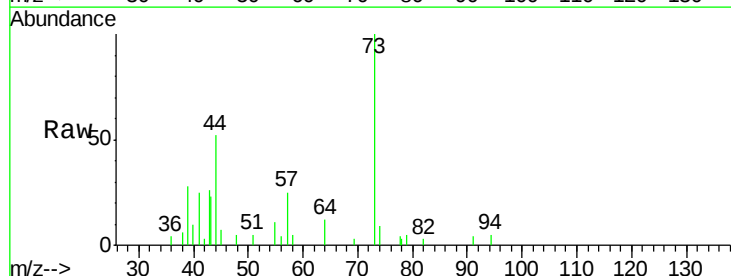
Acq: 29 Mar 2018 18:32

Tgt Ion: 73 Resp: 4645

Ion Ratio Lower Upper

73 100

57 24.6 17.2 25.8



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

2000

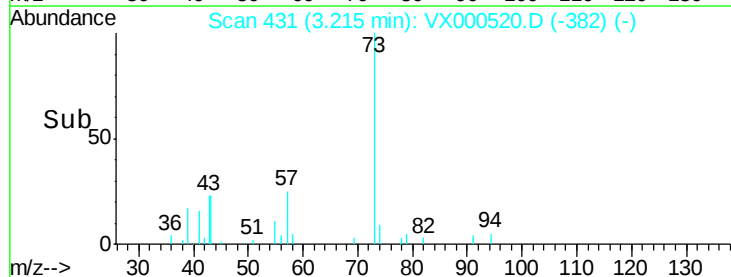
1500

1000

500

0

Time-->

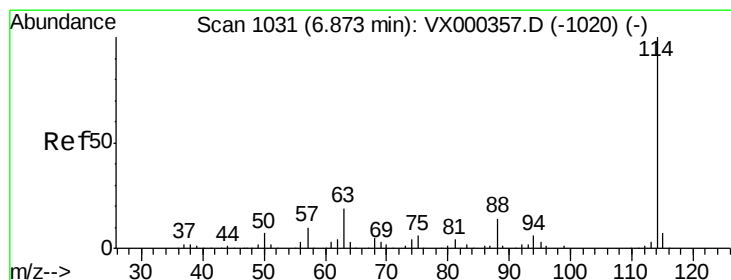
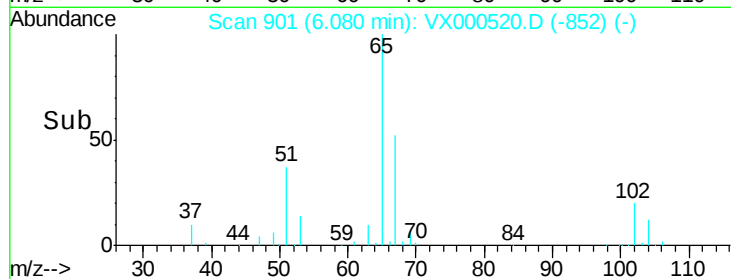
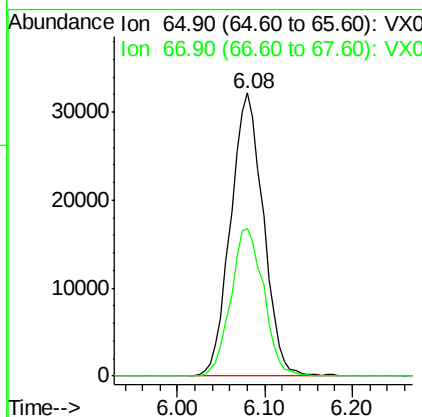
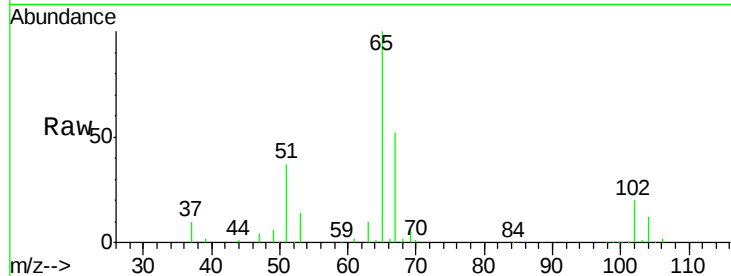




#33
 1,2-Dichloroethane-d4
 Concen: 54.86 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VX000520.D
 Acq: 29 Mar 2018 18:32

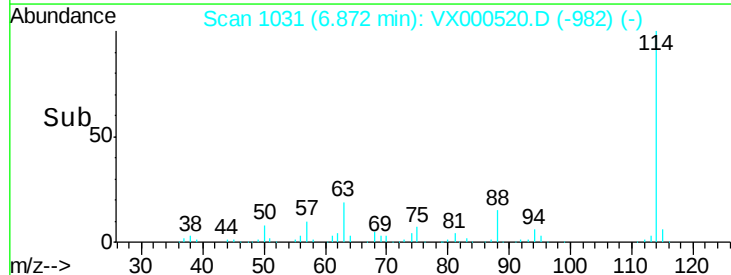
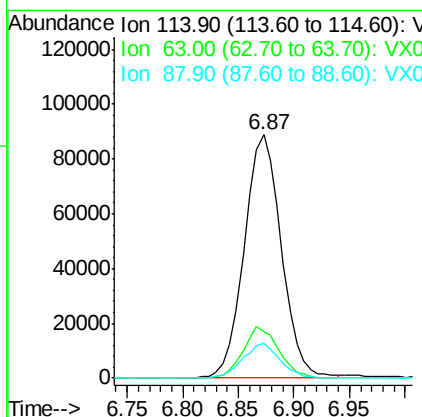
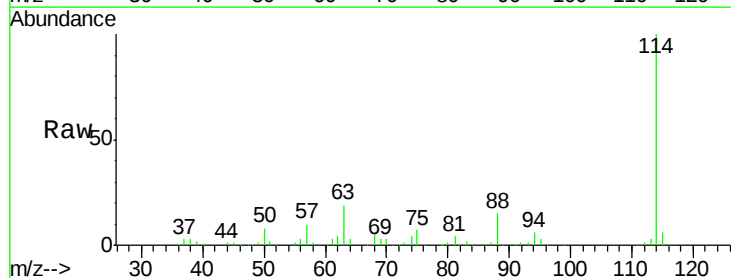
Instrument :
 MSVOA_X
 ClientSampleId :
 PZ-8

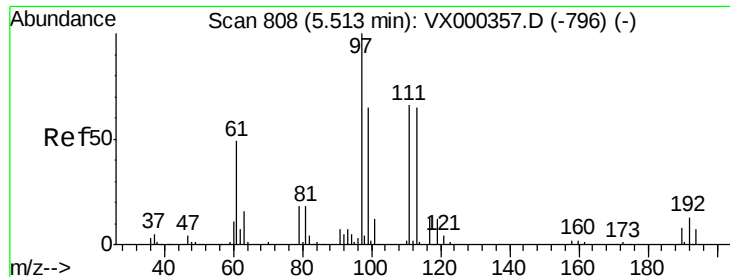
Tot Ion: 65 Resp: 83624
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000520.D
 Acq: 29 Mar 2018 18:32

Tgt Ion: 114 Resp: 206400
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.4
 88 14.6 0.0 27.0





#35

Dibromofluoromethane

Concen: 49.86 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000520.D

Acq: 29 Mar 2018 18:32

Instrument :

MSVOA_X

ClientSampled :

PZ-8

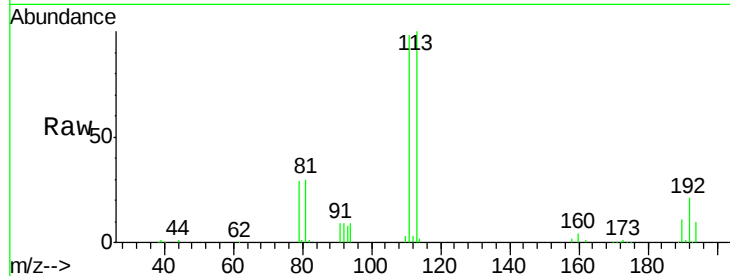
Tot Ion:113 Resp: 64842

Ion Ratio Lower Upper

113 100

111 102.7 82.4 123.6

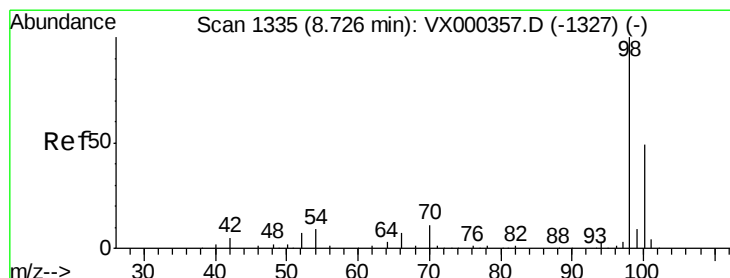
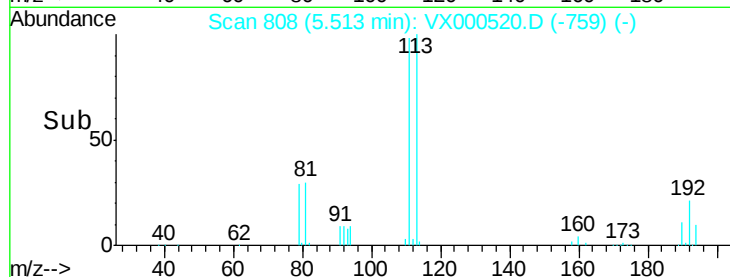
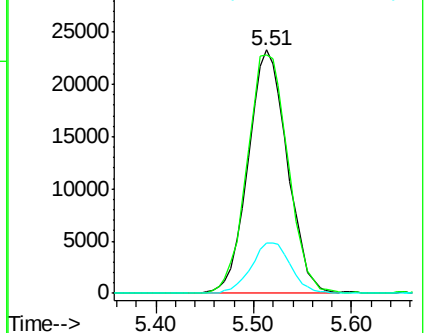
192 21.1 15.8 23.6



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: 50.74 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000520.D

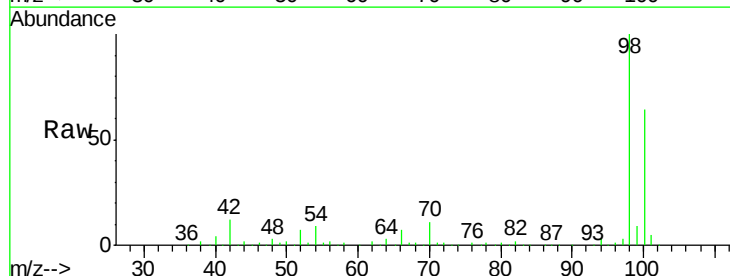
Acq: 29 Mar 2018 18:32

Tgt Ion: 98 Resp: 273320

Ion Ratio Lower Upper

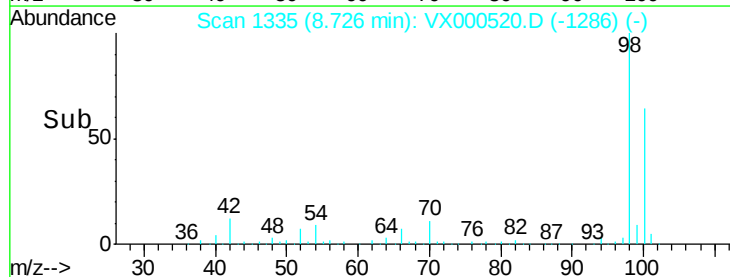
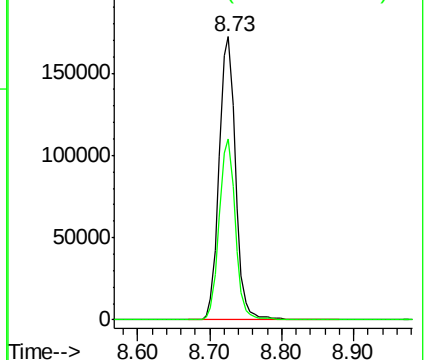
98 100

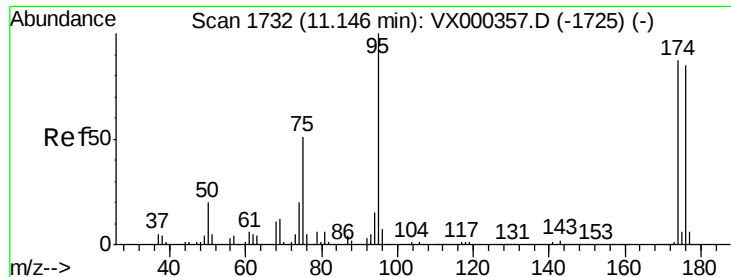
100 62.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

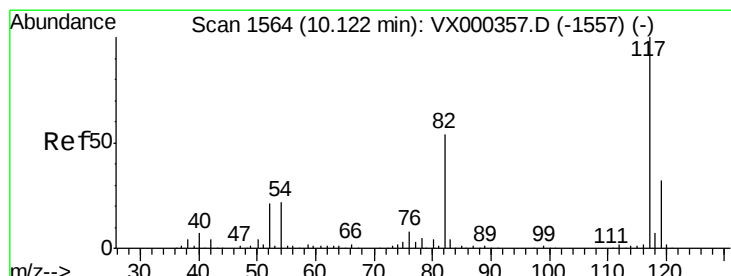
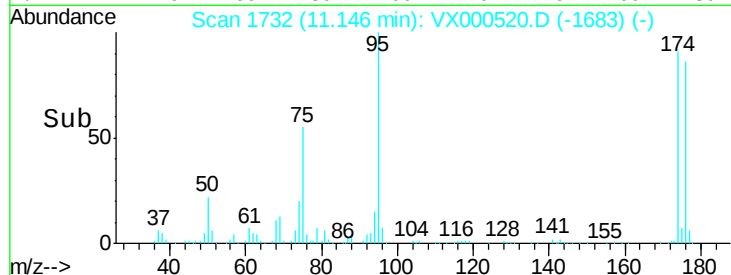
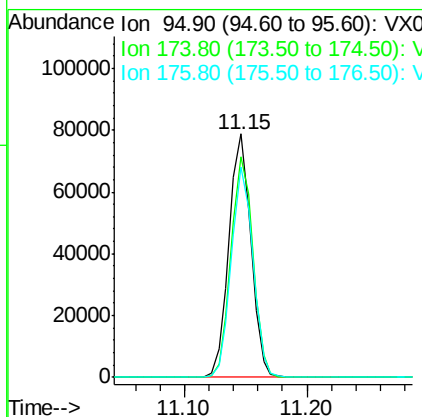
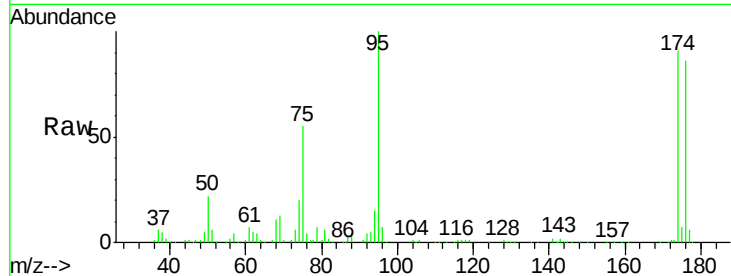




#62
4-Bromofluorobenzene
Concen: 43.71 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000520.D
Acq: 29 Mar 2018 18:32

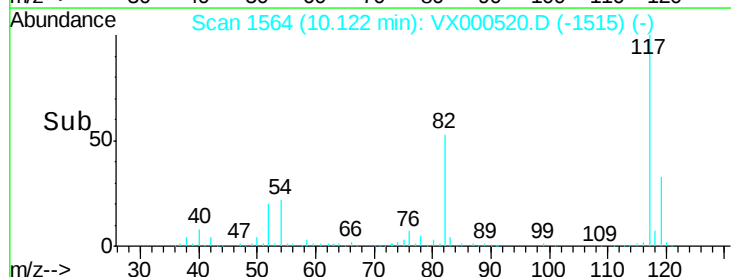
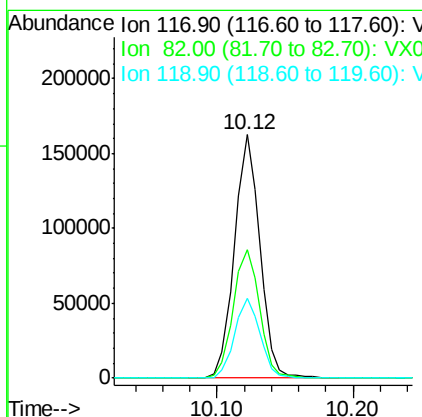
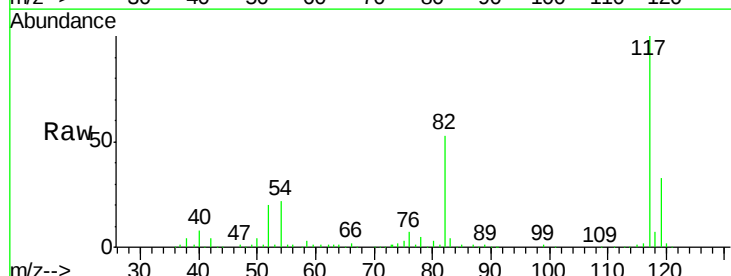
Instrument :
MSVOA_X
ClientSampled :
PZ-8

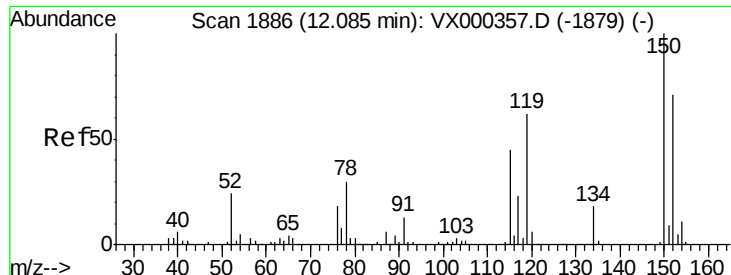
Tot Ion: 95 Resp: 97467
Ion Ratio Lower Upper
95 100
174 90.2 0.0 173.6
176 85.0 0.0 164.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000520.D
Acq: 29 Mar 2018 18:32

Tgt Ion: 117 Resp: 211950
Ion Ratio Lower Upper
117 100
82 53.0 43.8 65.8
119 32.9 24.9 37.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000520.D

Acq: 29 Mar 2018 18:32

Instrument :

MSVOA_X

ClientSampleId :

PZ-8

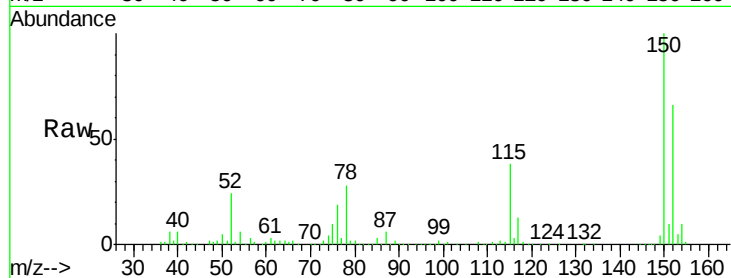
Tot Ion:152 Resp: 112987

Ion Ratio Lower Upper

152 100

115 56.3 39.8 119.3

150 155.2 0.0 344.4



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

