

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032318\
 Data File : VX000429.D
 Acq On : 23 Mar 2018 15:10
 Operator : JC/MD
 Sample : PB107585TB 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB107585TB

Quant Time: Mar 24 06:38:42 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

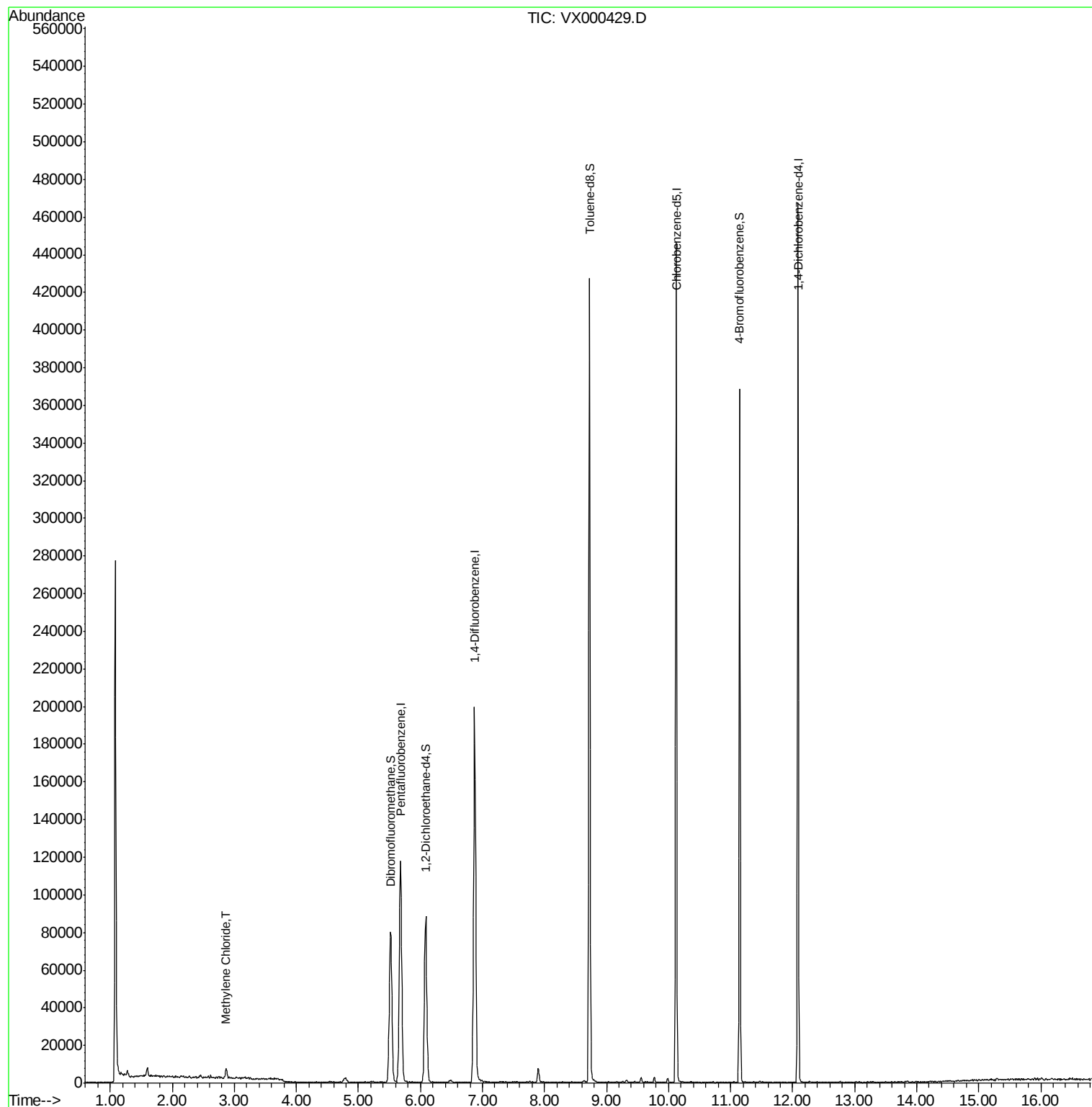
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	114020	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	198911	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	185666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	88640	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	82574	55.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.96%	
35) Dibromofluoromethane	5.52	113	64177	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.42%	
50) Toluene-d8	8.73	98	243886	46.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.96%	
62) 4-Bromofluorobenzene	11.15	95	78413	37.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.02%	
Target Compounds						
20) Methylene Chloride	2.87	84	1936	1.35	ug/l #	84

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

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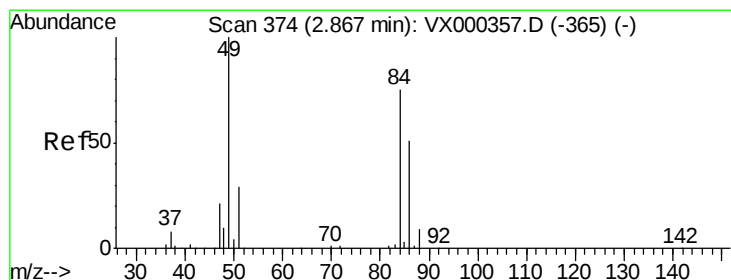
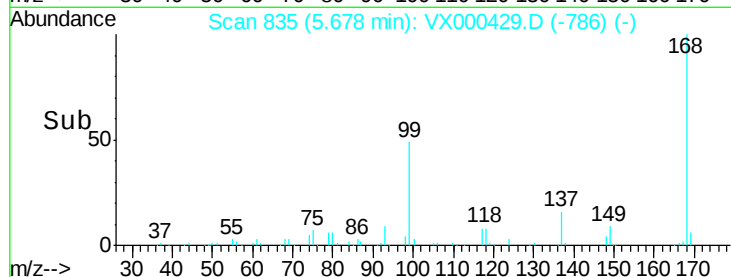
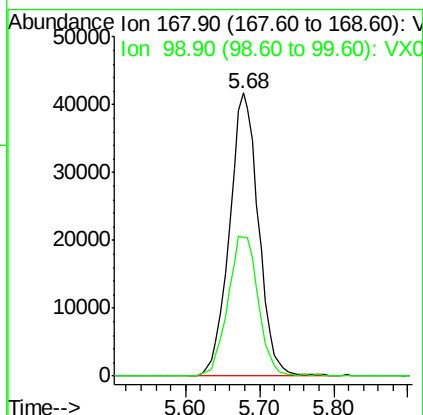
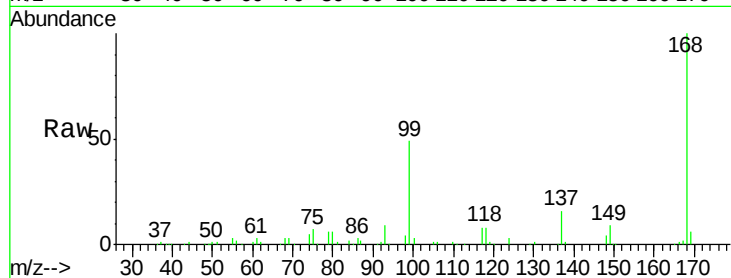




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.00 min
Lab File: VX000429.D
Acq: 23 Mar 2018 15:10

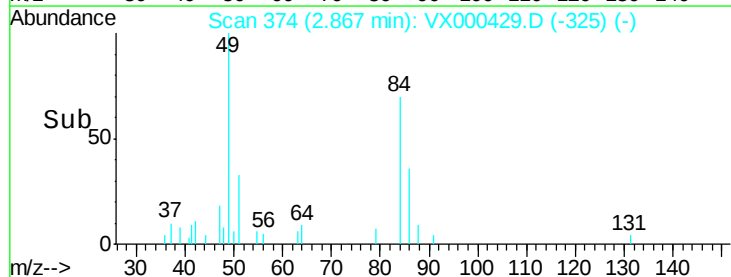
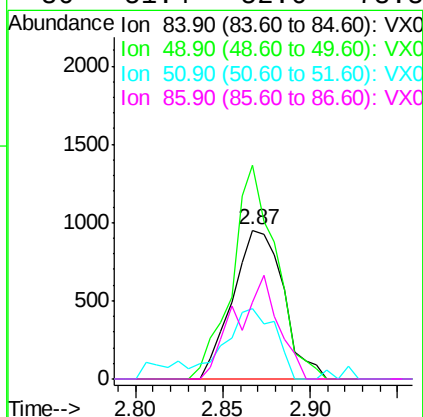
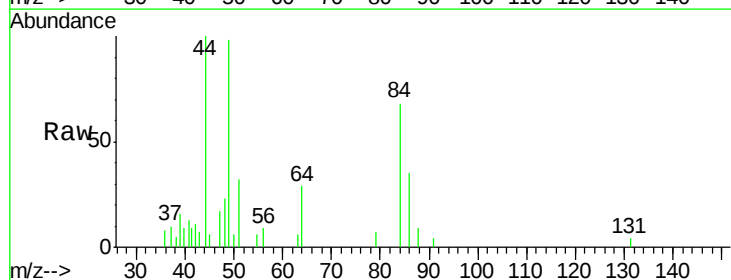
Instrument :
MSVOA_X
ClientSampleId :
PB107585TB

Tot Ion:168 Resp: 114020
Ion Ratio Lower Upper
168 100
99 49.1 45.8 68.6



#20
Methylene Chloride
Concen: 1.35 ug/l
RT: 2.87 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX000429.D
Acq: 23 Mar 2018 15:10

Tgt Ion: 84 Resp: 1936
Ion Ratio Lower Upper
84 100
49 143.2 100.6 151.0
51 47.5 31.6 47.4#
86 51.4 52.6 78.8#

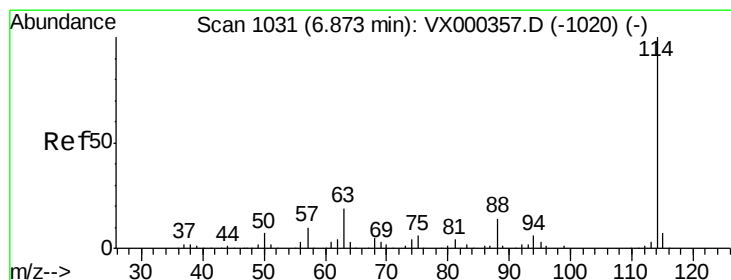
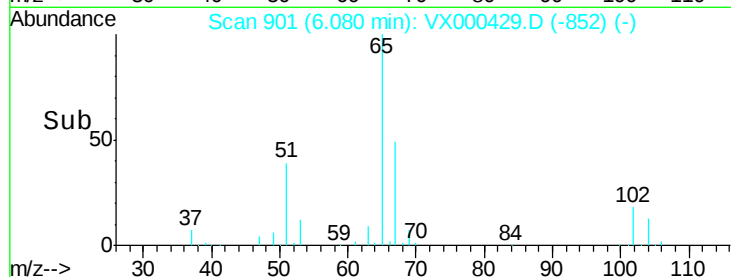
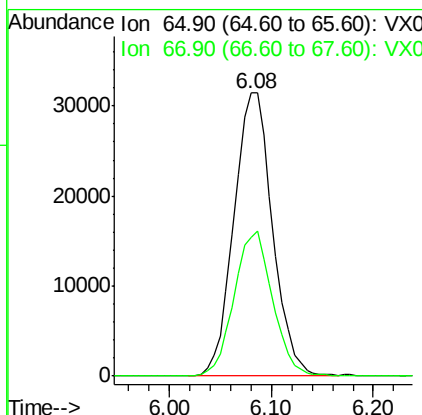
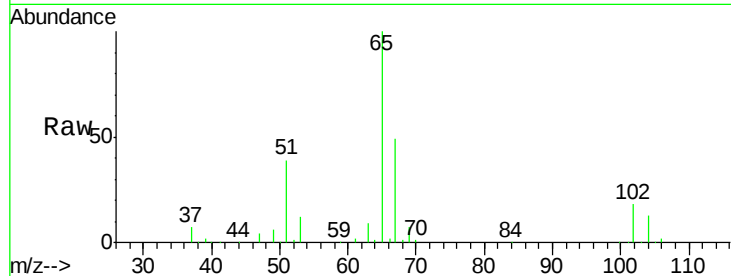




#33
 1,2-Dichloroethane-d4
 Concen: 55.48 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VX000429.D
 Acq: 23 Mar 2018 15:10

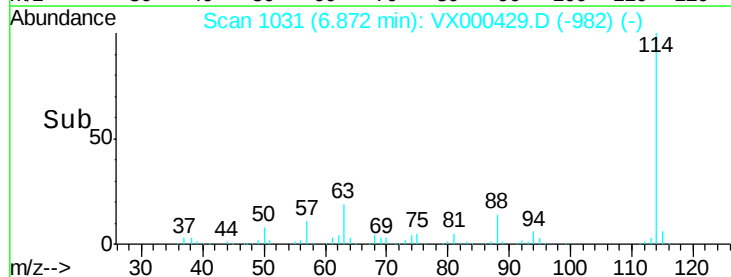
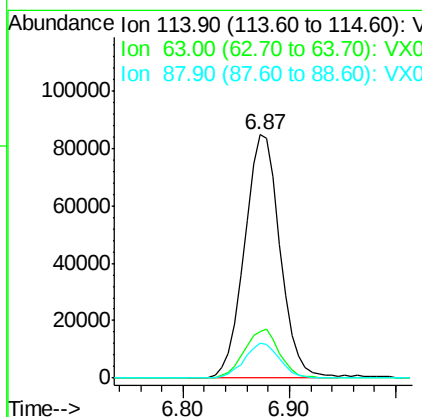
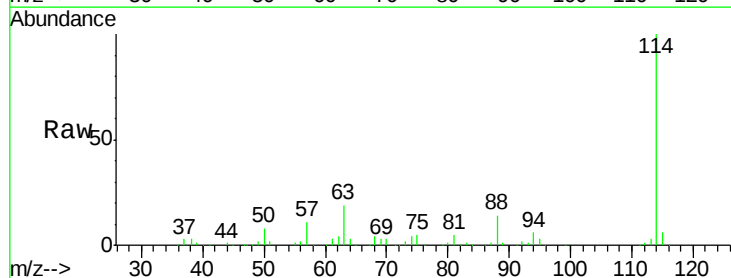
Instrument :
 MSVOA_X
 ClientSampleId :
 PB107585TB

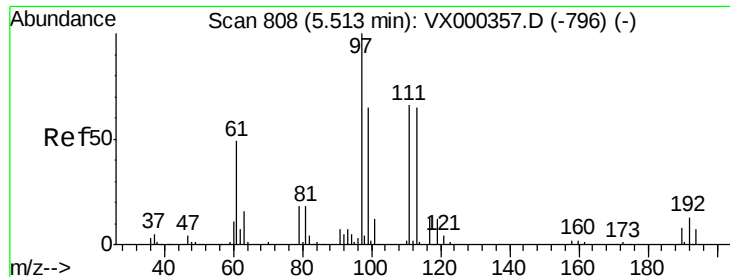
Tot Ion: 65 Resp: 82574
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000429.D
 Acq: 23 Mar 2018 15:10

Tgt Ion: 114 Resp: 198911
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.4
 88 14.4 0.0 27.0





#35

Dibromofluoromethane

Concen: 51.21 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000429.D

Acq: 23 Mar 2018 15:10

Instrument :

MSVOA_X

ClientSampleId :

PB107585TB

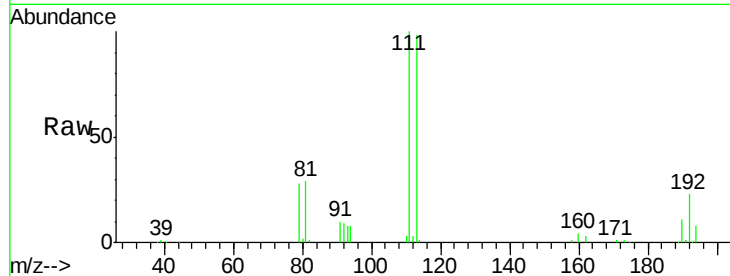
Tot Ion:113 Resp: 64177

Ion Ratio Lower Upper

113 100

111 103.1 82.4 123.6

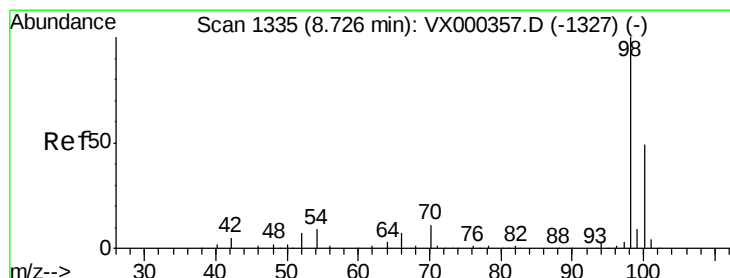
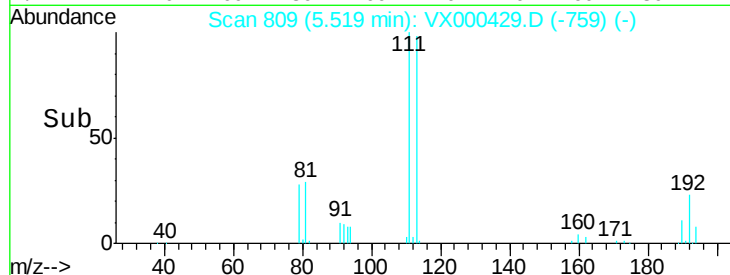
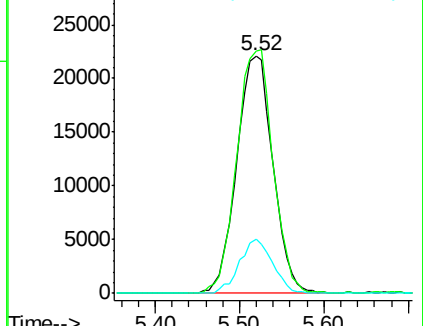
192 20.9 15.8 23.6



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: 46.98 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000429.D

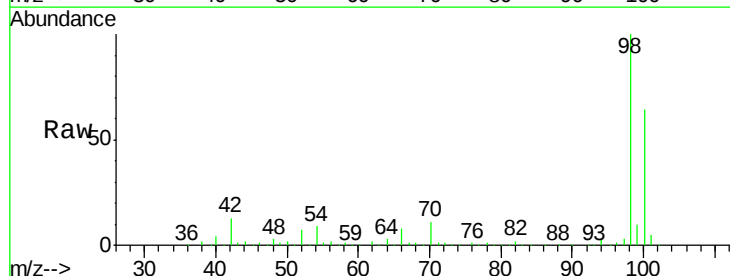
Acq: 23 Mar 2018 15:10

Tgt Ion: 98 Resp: 243886

Ion Ratio Lower Upper

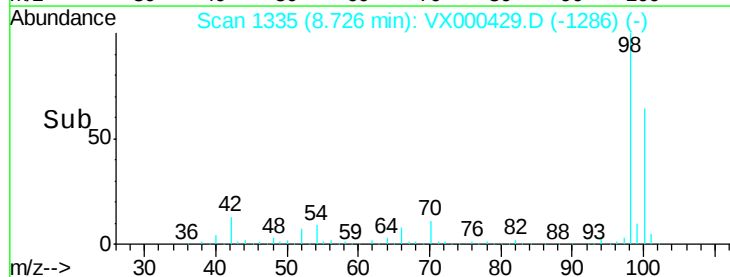
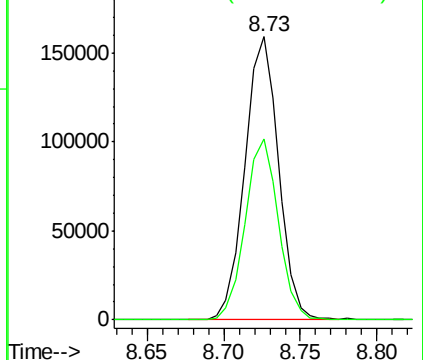
98 100

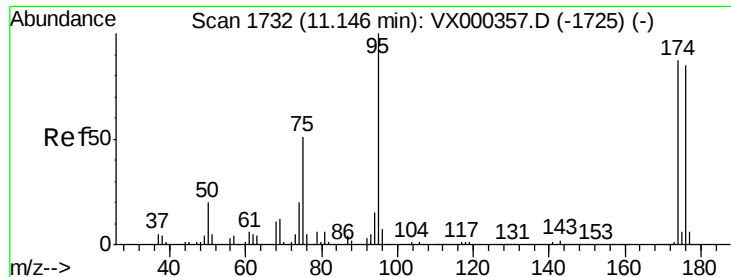
100 62.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 37.51 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000429.D

Acq: 23 Mar 2018 15:10

Instrument :

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ClientSampleId :

PB107585TB

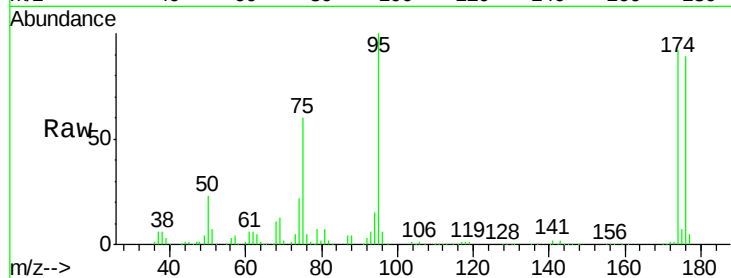
Tot Ion: 95 Resp: 78413

Ion Ratio Lower Upper

95 100

174 92.6 0.0 173.6

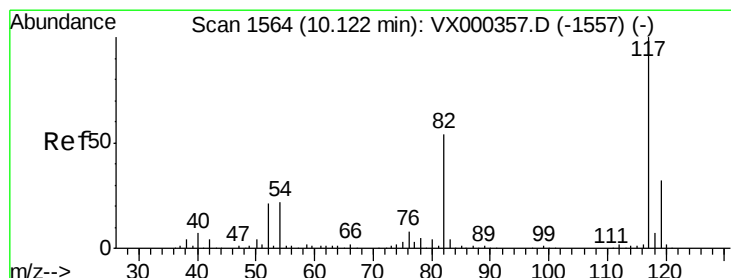
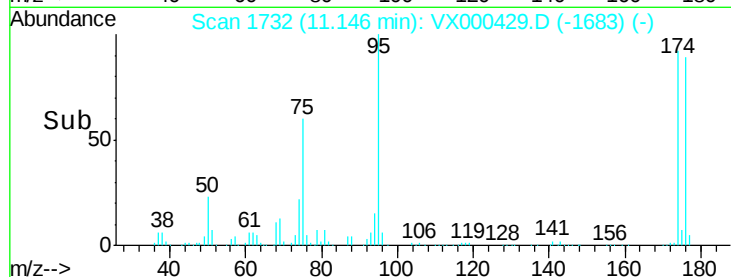
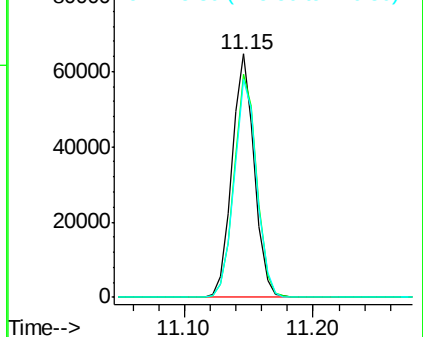
176 90.7 0.0 164.6



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: VX000429.D

Acq: 23 Mar 2018 15:10

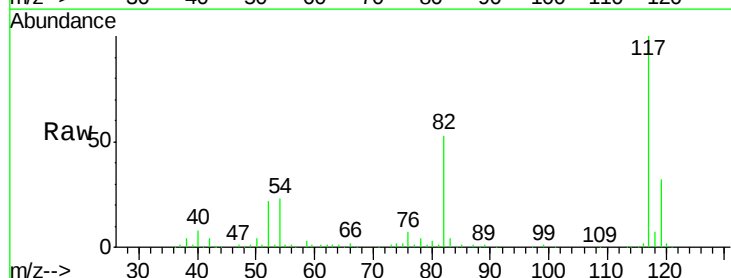
Tgt Ion: 117 Resp: 185666

Ion Ratio Lower Upper

117 100

82 53.0 43.8 65.8

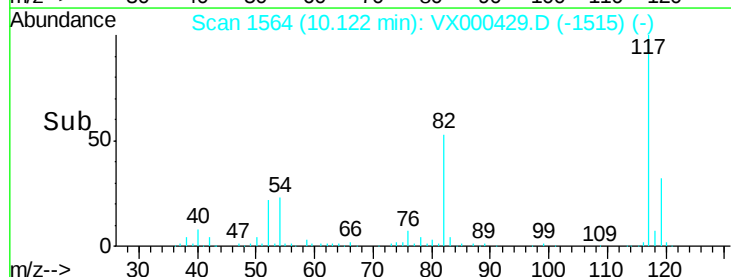
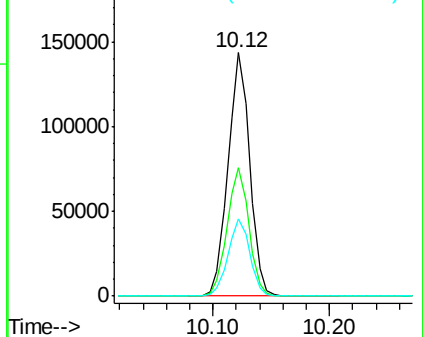
119 31.5 24.9 37.3

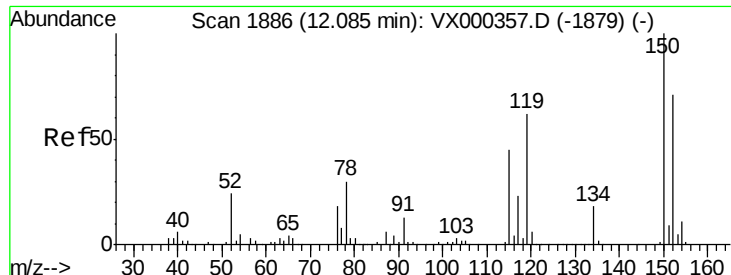


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000429.D

Acq: 23 Mar 2018 15:10

Instrument :

MSVOA_X

ClientSampleId :

PB107585TB

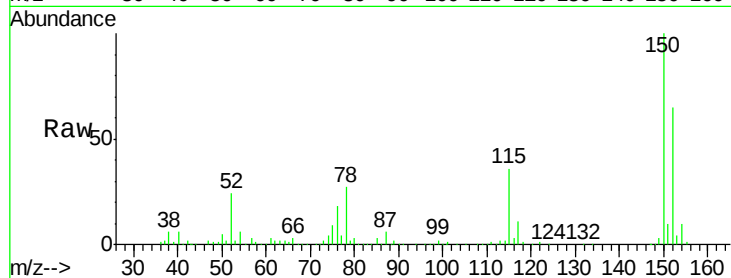
Tot Ion:152 Resp: 88640

Ion Ratio Lower Upper

152 100

115 55.7 39.8 119.3

150 156.7 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

