

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
 Data File : VX002505.D
 Acq On : 13 Jun 2018 12:36
 Operator : JC/MD
 Sample : PB110148ZHE#12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110148ZHE#12

Quant Time: Jun 14 02:14:42 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

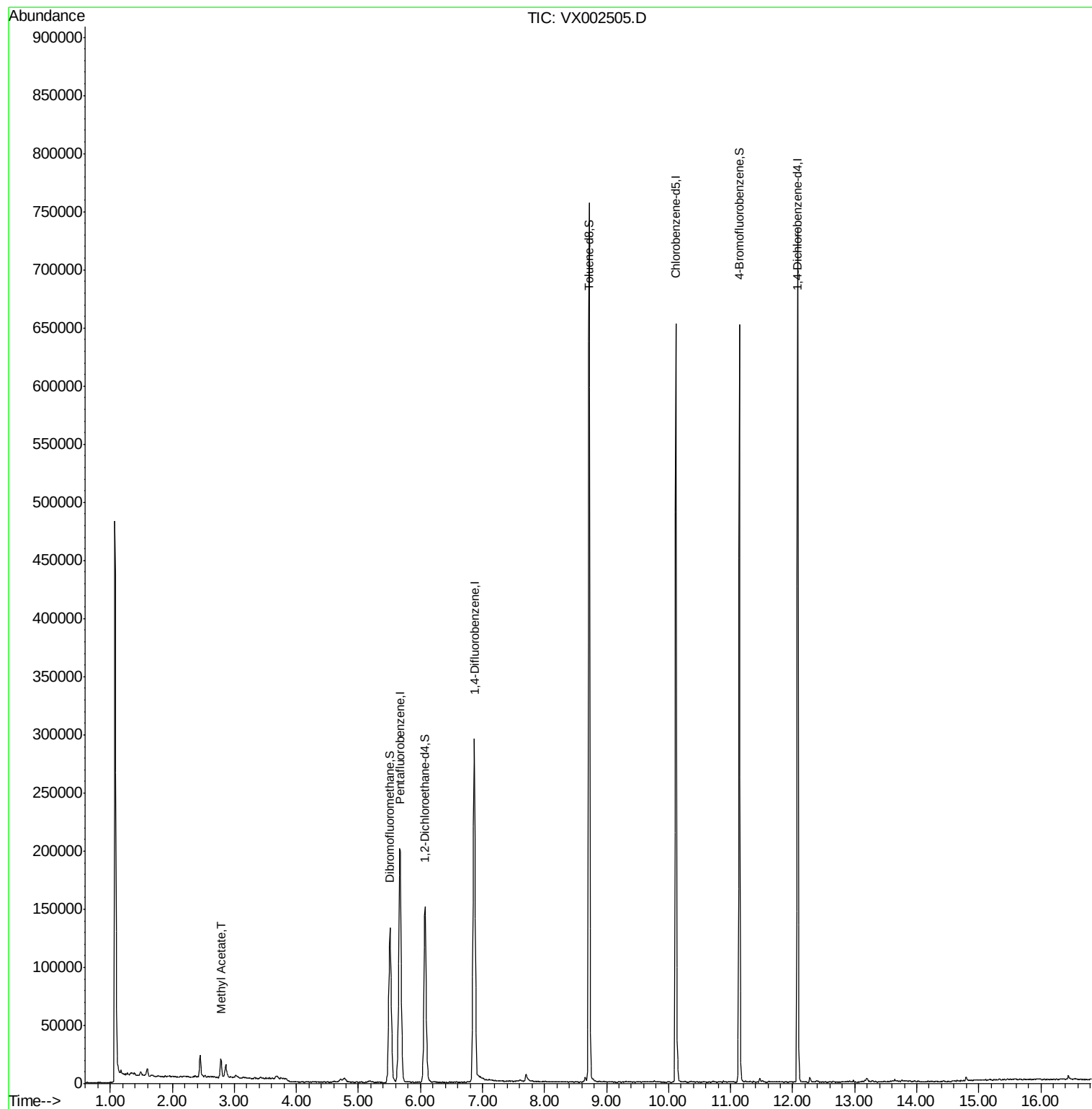
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	196400	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	290013	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	274424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	155834	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	142411	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
35) Dibromofluoromethane	5.51	113	105950	46.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.92%	
50) Toluene-d8	8.72	98	422011	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
62) 4-Bromofluorobenzene	11.14	95	148127	43.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.88%	
Target Compounds						
18) Methyl Acetate	2.78	43	19883	4.617	ug/l	Qvalue 97

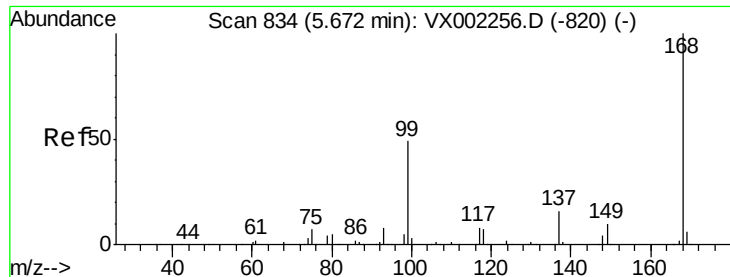
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002505.D

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Instrument :

MSVOA_X

ClientSampleId :

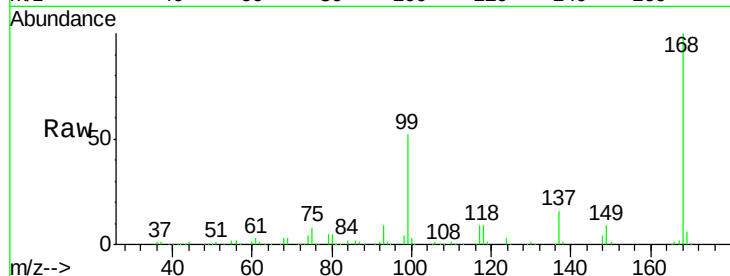
PB110148ZHE#12

Tot Ion:168 Resp: 196400

Ion Ratio Lower Upper

168 100

99 52.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

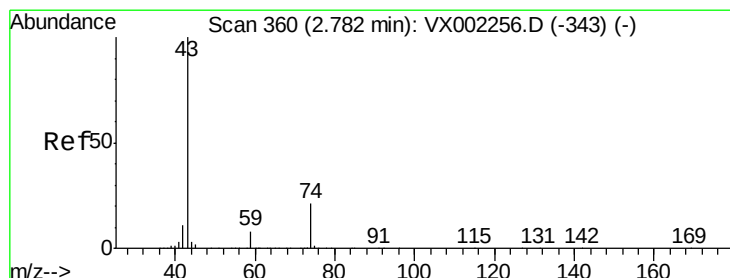
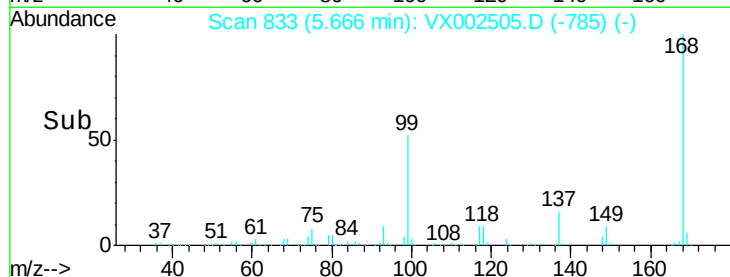
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#18

Methyl Acetate

Concen: 4.617 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002505.D

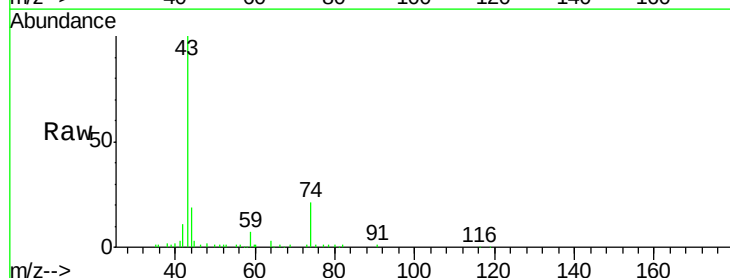
Acq: 13 Jun 2018 12:36

Tgt Ion: 43 Resp: 19883

Ion Ratio Lower Upper

43 100

74 22.3 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

12000

10000

8000

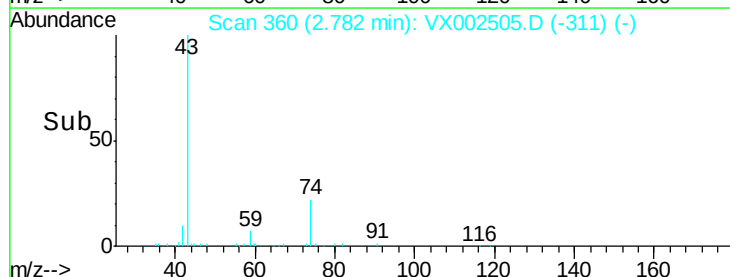
6000

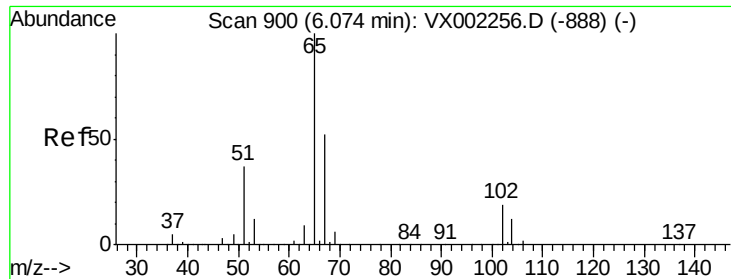
4000

2000

0

Time--> 2.70 2.75 2.80 2.85 2.90





#33

1,2-Dichloroethane-d4

Concen: 50.759 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002505.D

Acq: 13 Jun 2018 12:36

Instrument :

MSVOA_X

ClientSampleId :

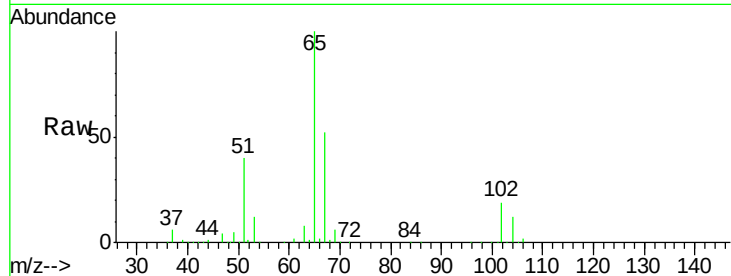
PB110148ZHE#12

Tot Ion: 65 Resp: 142411

Ion Ratio Lower Upper

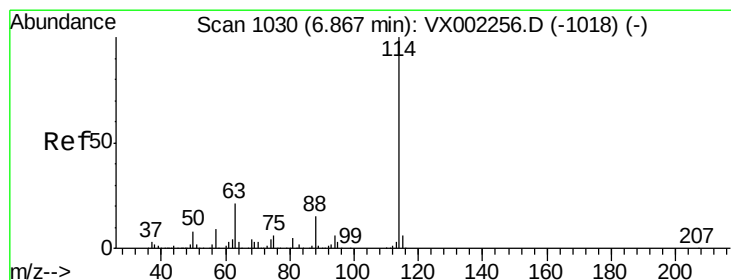
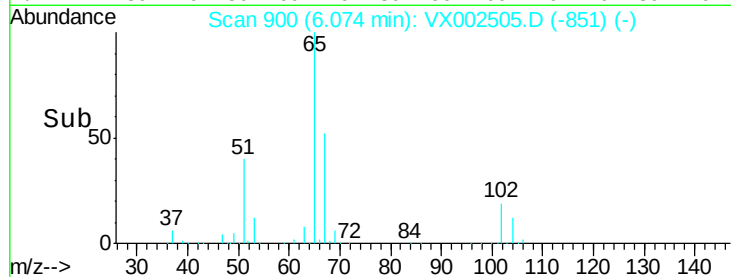
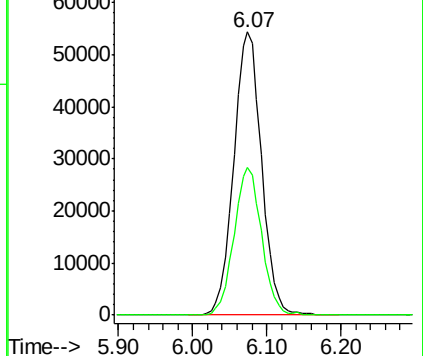
65 100

67 51.6 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: VX002505.D

Acq: 13 Jun 2018 12:36

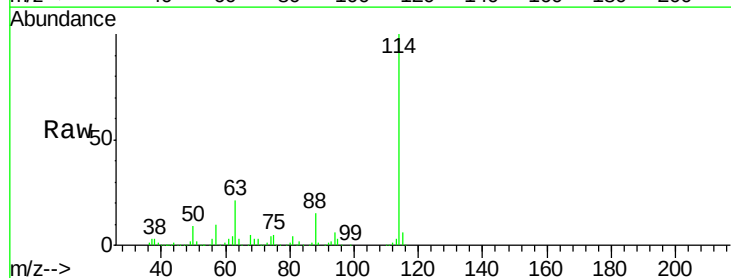
Tgt Ion: 114 Resp: 290013

Ion Ratio Lower Upper

114 100

63 21.3 0.0 41.4

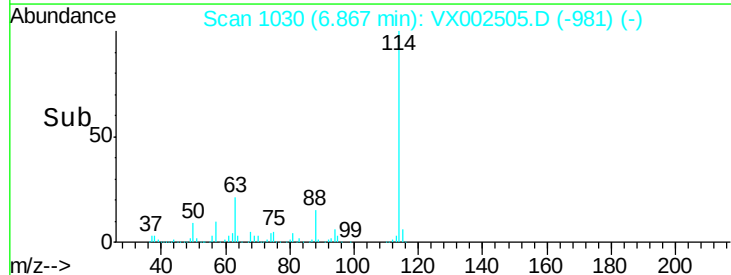
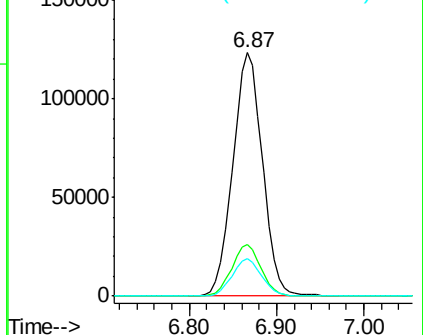
88 15.4 0.0 30.0

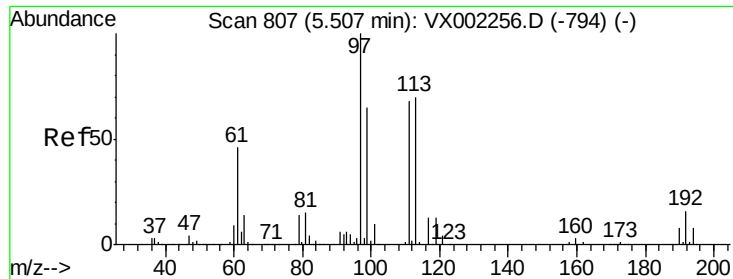


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.455 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002505.D

Acq: 13 Jun 2018 12:36

Instrument :

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ClientSampleId :

PB110148ZHE#12

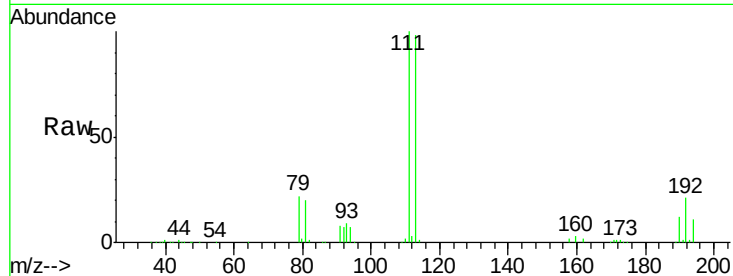
Tot Ion:113 Resp: 105950

Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

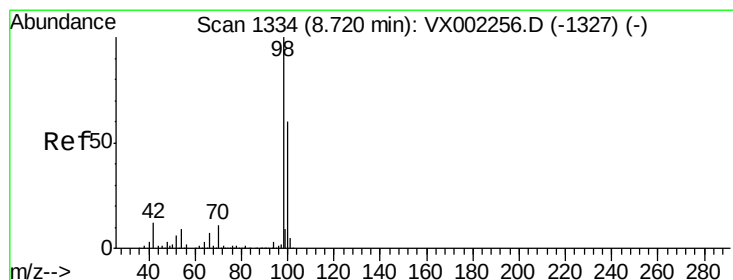
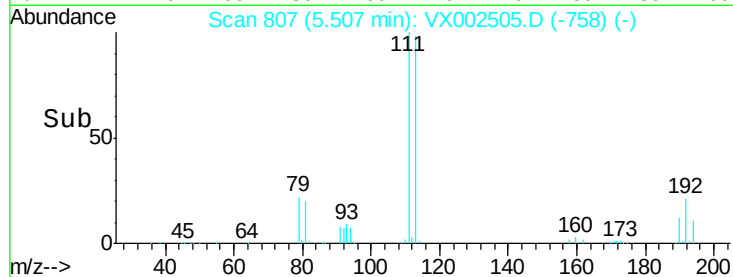
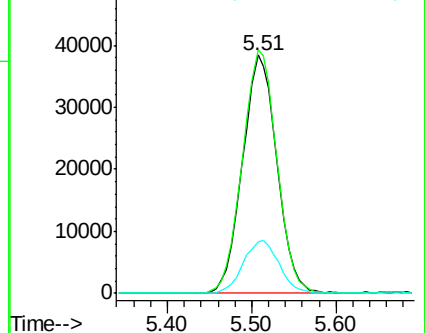
192 23.1 19.1 28.7



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: 48.275 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002505.D

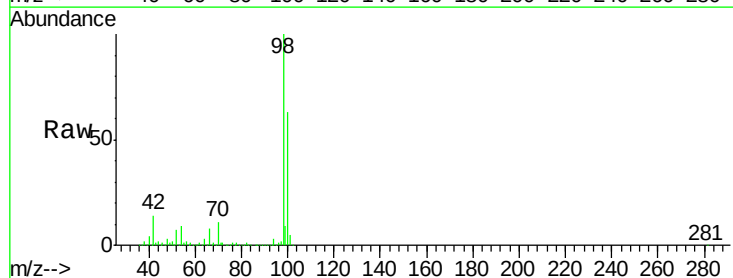
Acq: 13 Jun 2018 12:36

Tgt Ion: 98 Resp: 422011

Ion Ratio Lower Upper

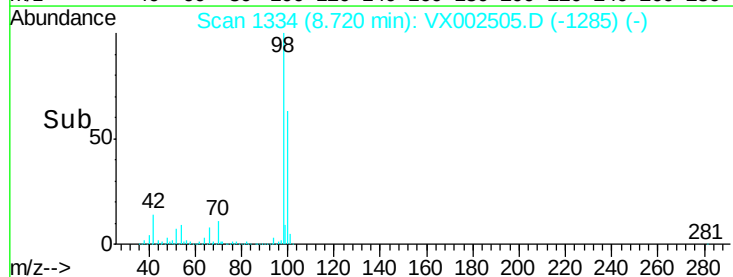
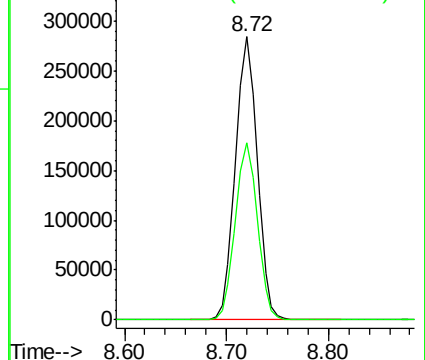
98 100

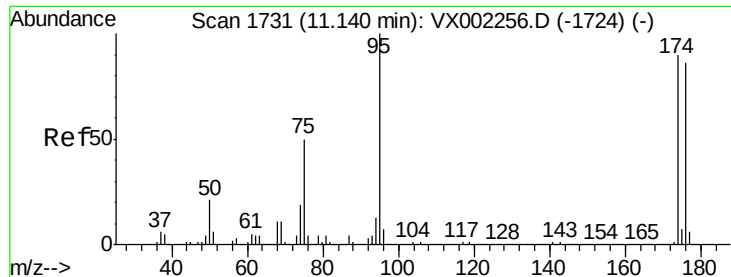
100 63.0 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 43.942 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002505.D

Acq: 13 Jun 2018 12:36

Instrument :

MSVOA_X

ClientSampleId :

PB110148ZHE#12

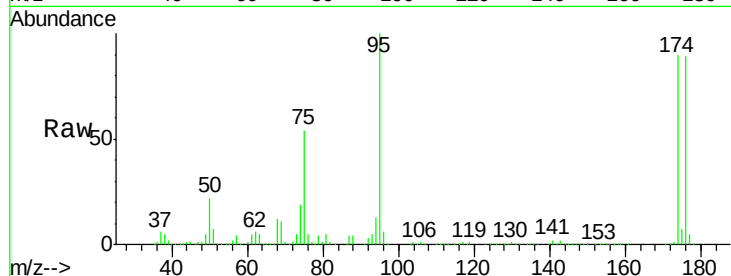
Tot Ion: 95 Resp: 148127

Ion Ratio Lower Upper

95 100

174 94.1 0.0 187.4

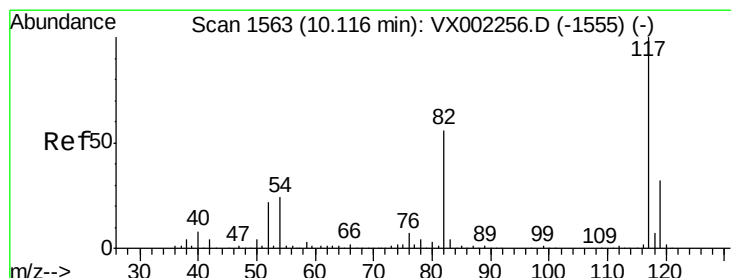
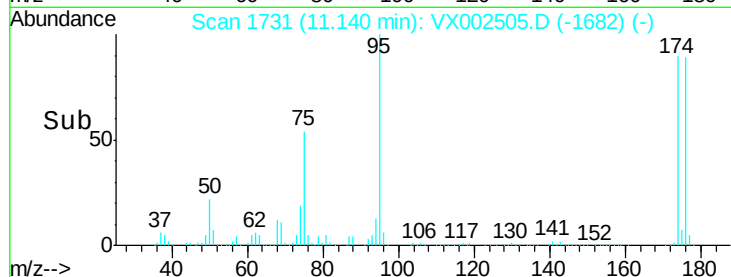
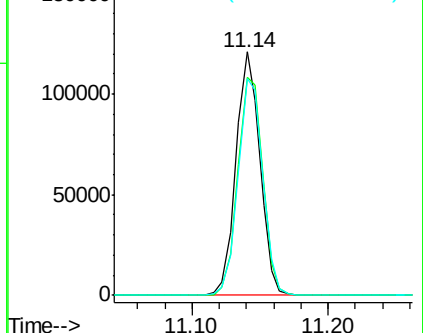
176 91.9 0.0 181.0



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: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002505.D

Acq: 13 Jun 2018 12:36

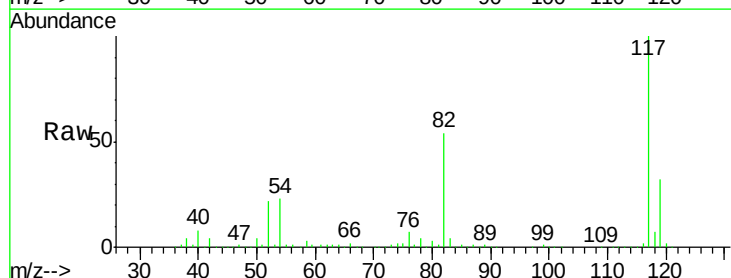
Tgt Ion: 117 Resp: 274424

Ion Ratio Lower Upper

117 100

82 53.9 45.0 67.4

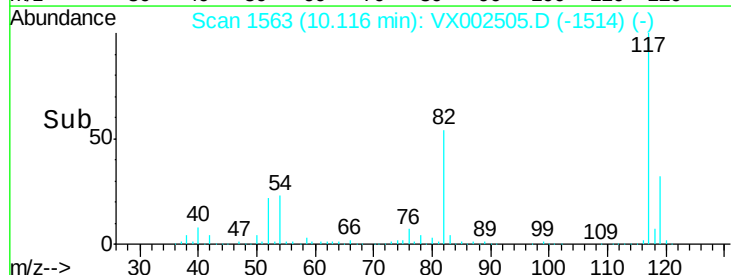
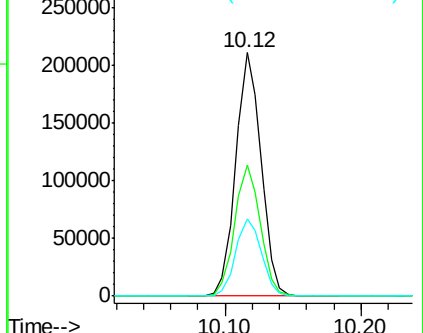
119 31.7 25.8 38.6

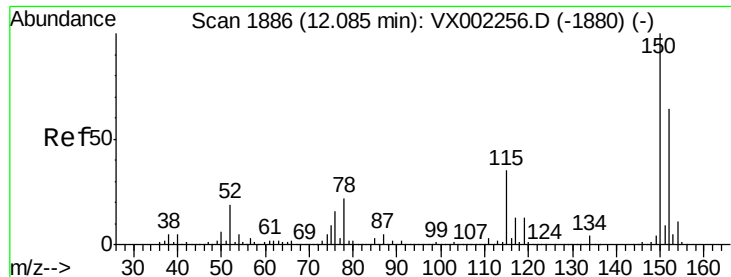


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX002505.D

Acq: 13 Jun 2018 12:36

Instrument :

MSVOA_X

ClientSampleId :

PB110148ZHE#12

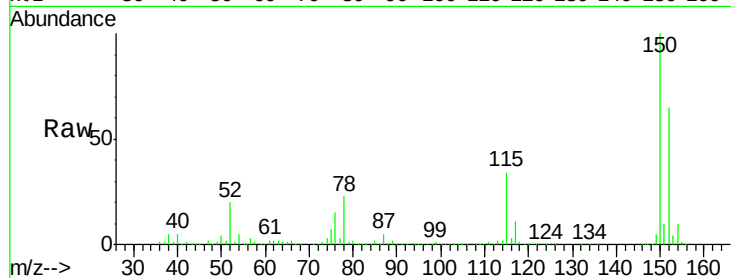
Tot Ion:152 Resp: 155834

Ion Ratio Lower Upper

152 100

115 55.5 40.1 120.2

150 156.3 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

