

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021219\
 Data File : VX007491.D
 Acq On : 12 Feb 2019 16:23
 Operator : JC/SP
 Sample : PB117025TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB117025TB

Quant Time: Feb 13 01:08:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

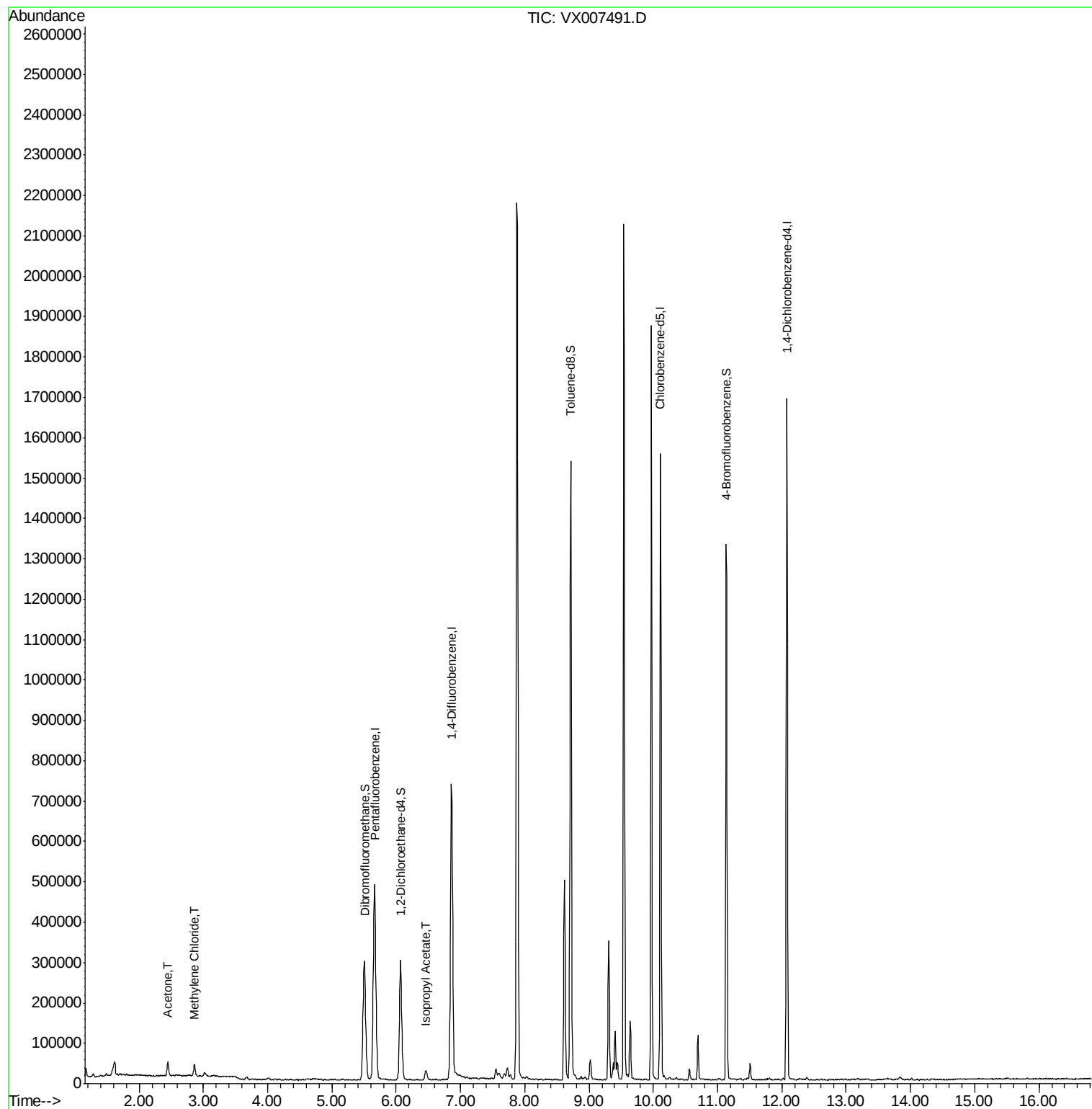
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	496905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	779063	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	760022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	354417	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	270203	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
35) Dibromofluoromethane	5.50	113	251549	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.24%	
50) Toluene-d8	8.71	98	961129	51.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.20%	
62) 4-Bromofluorobenzene	11.13	95	339260	49.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.82%	
Target Compounds						
16) Acetone	2.45	43	37138	15.372	ug/l	99
20) Methylene Chloride	2.86	84	12794	2.217	ug/l	94
43) Isopropyl Acetate	6.46	43	30861	2.830	ug/l	98

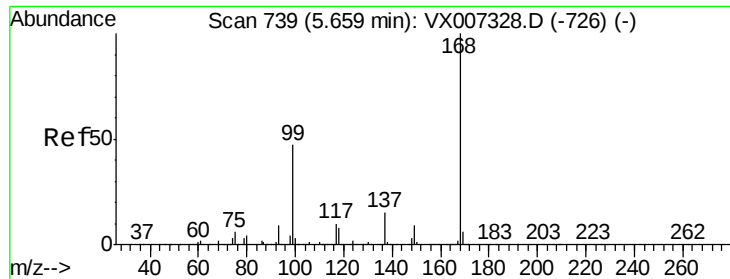
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007491.D

Acq: 12 Feb 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

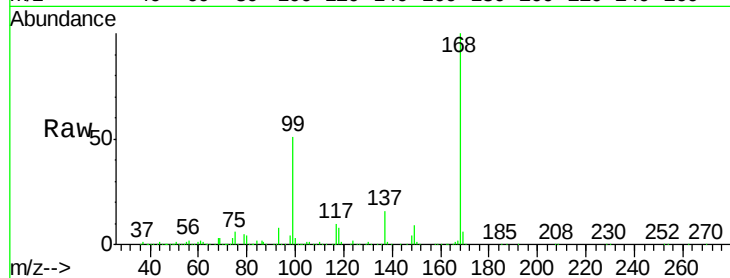
PB117025TB

Tot Ion:168 Resp: 496905

Ion Ratio Lower Upper

168 100

99 50.8 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

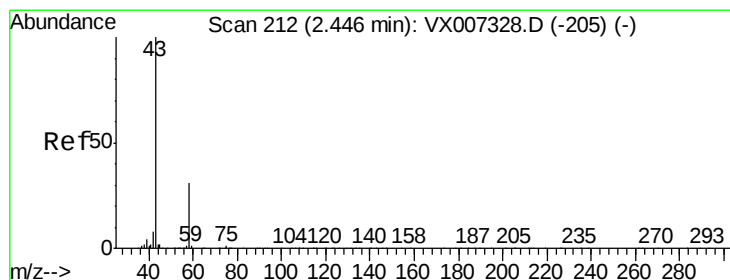
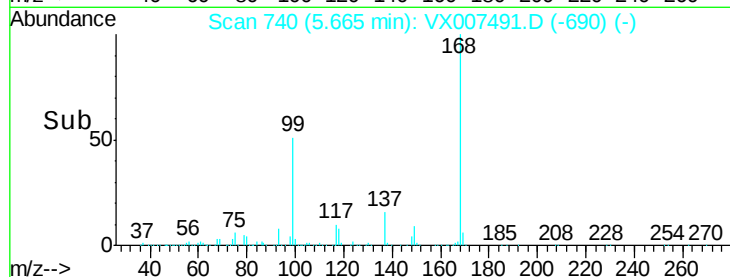
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 15.372 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007491.D

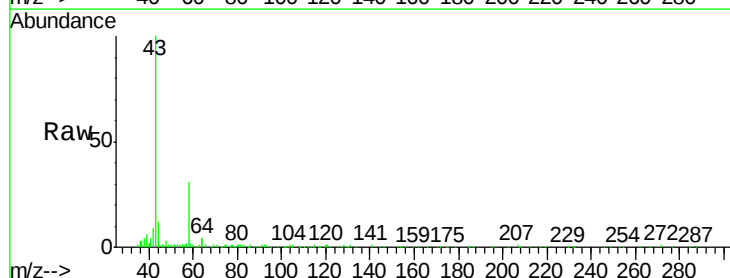
Acq: 12 Feb 2019 16:23

Tgt Ion: 43 Resp: 37138

Ion Ratio Lower Upper

43 100

58 30.3 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

25000

20000

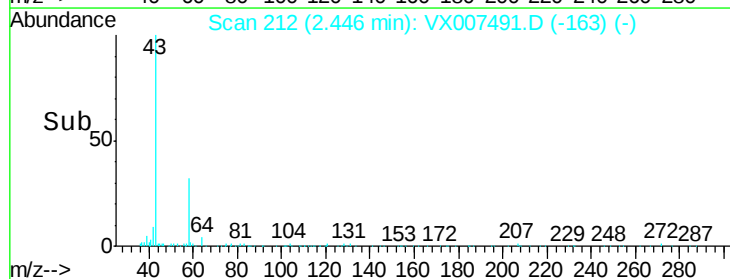
15000

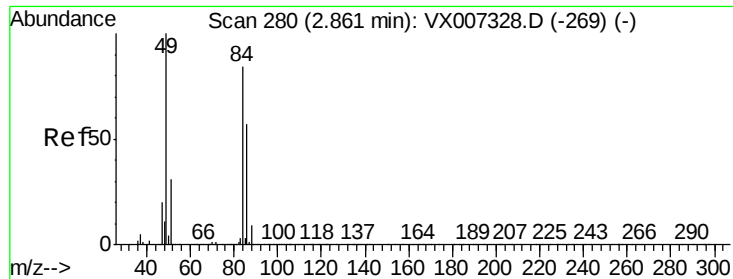
10000

5000

0

Time--> 2.40 2.45 2.50

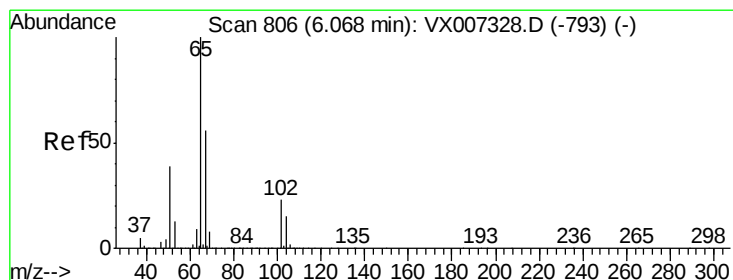
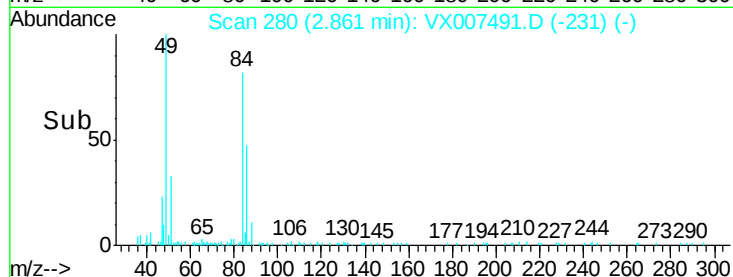
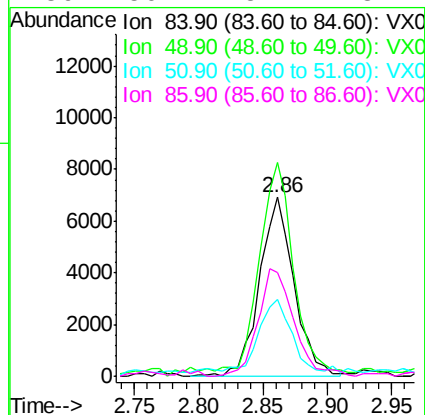
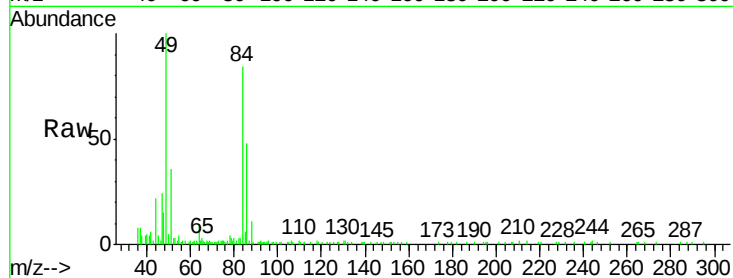




#20
Methvlene Chloride
Concen: 2.217 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007491.D
Acq: 12 Feb 2019 16:23

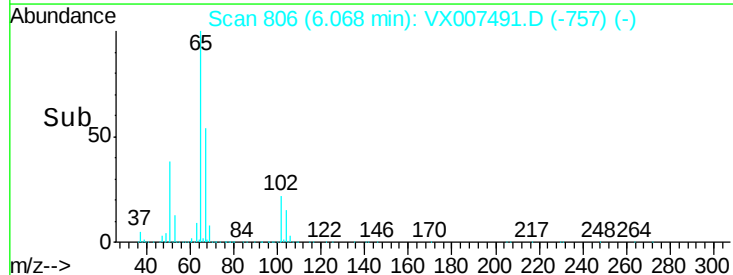
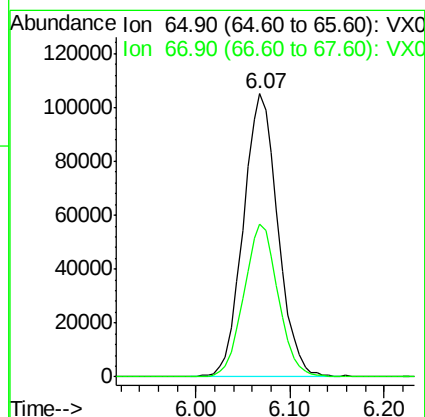
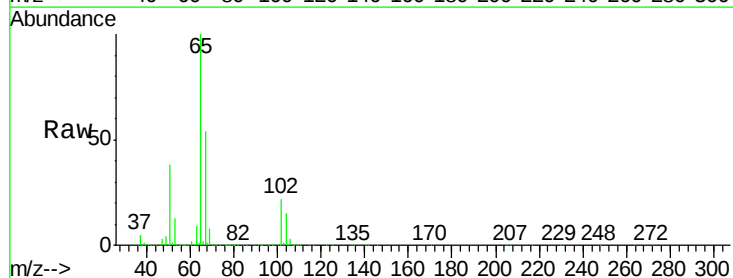
Instrument :
MSVOA_X
ClientSampleId :
PB117025TB

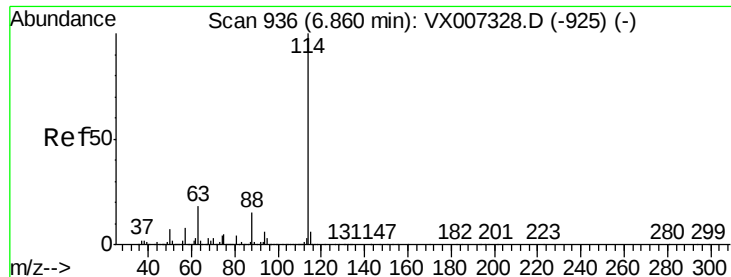
Tot Ion: 84 Resp: 12794
Ion Ratio Lower Upper
84 100
49 115.8 94.8 142.2
51 40.4 29.8 44.8
86 56.2 54.1 81.1



#33
1,2-Dichloroethane-d4
Concen: 51.231 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007491.D
Acq: 12 Feb 2019 16:23

Tgt Ion: 65 Resp: 270203
Ion Ratio Lower Upper
65 100
67 53.6 0.0 108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007491.D

Acq: 12 Feb 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

PB117025TB

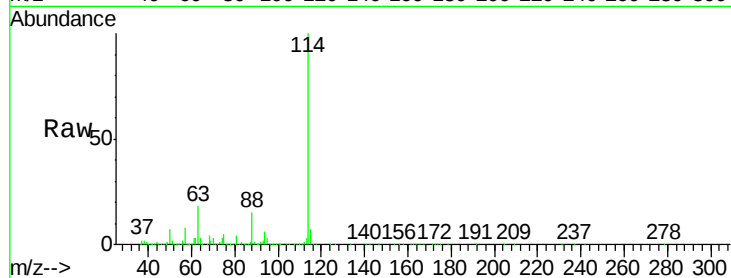
Tot Ion:114 Resp: 779063

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.6

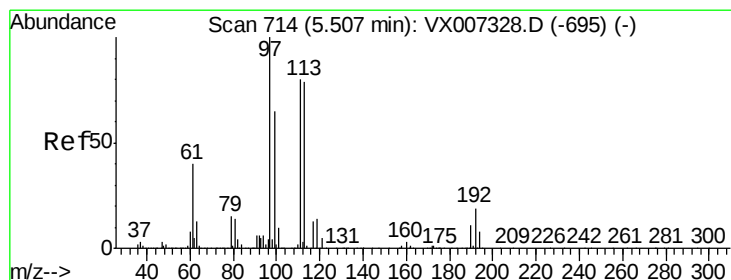
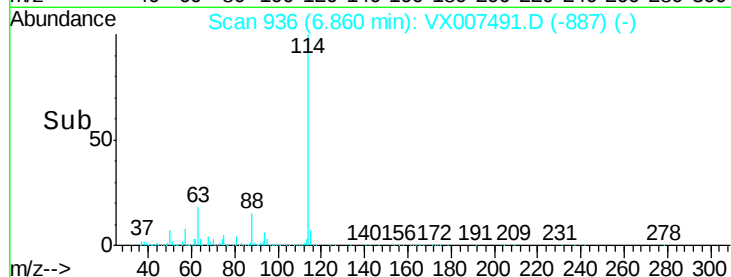
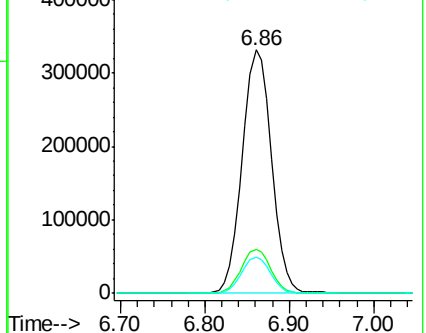
88 14.8 0.0 29.6



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: 49.624 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007491.D

Acq: 12 Feb 2019 16:23

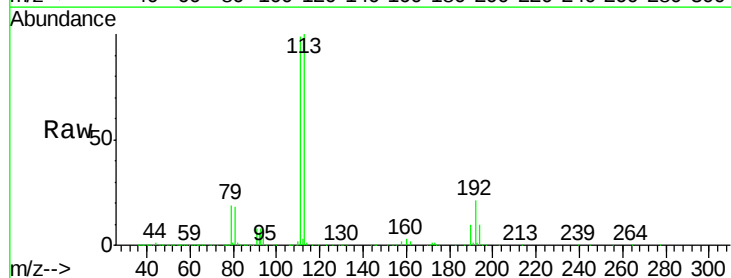
Tgt Ion:113 Resp: 251549

Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.8

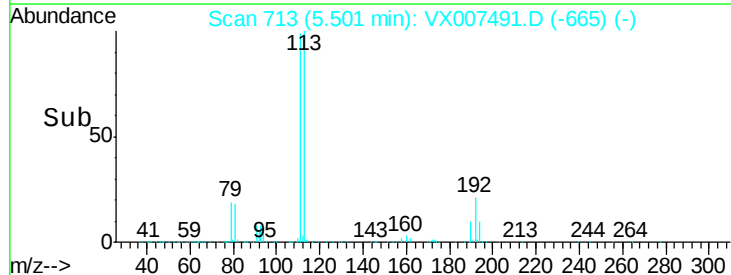
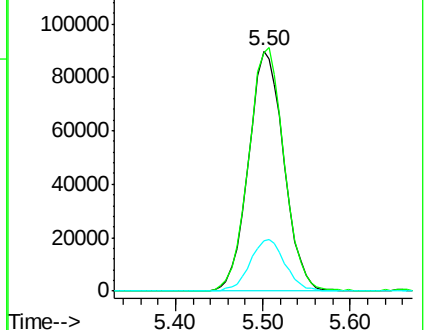
192 21.6 18.5 27.7

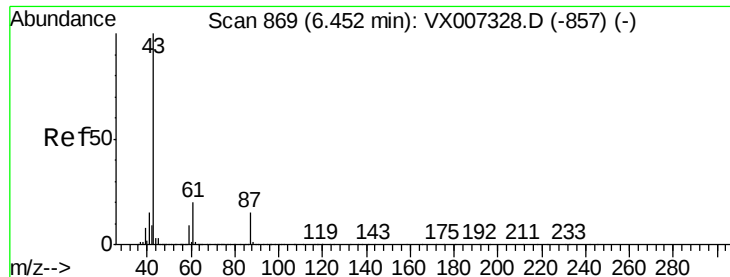


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



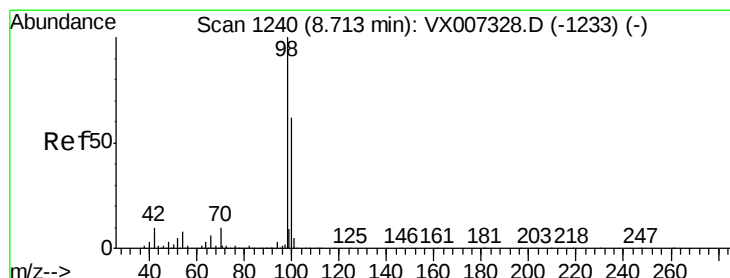
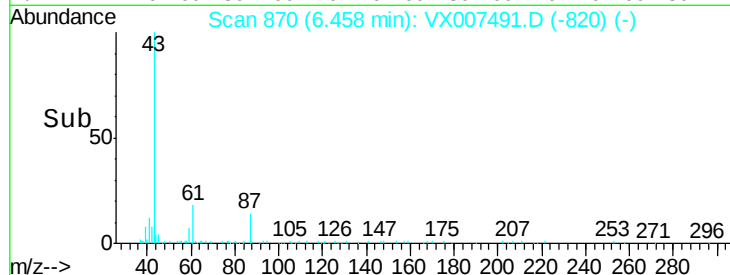
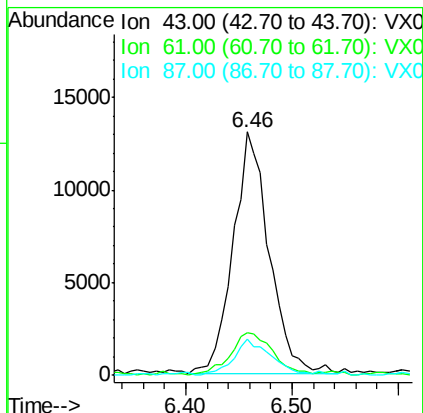
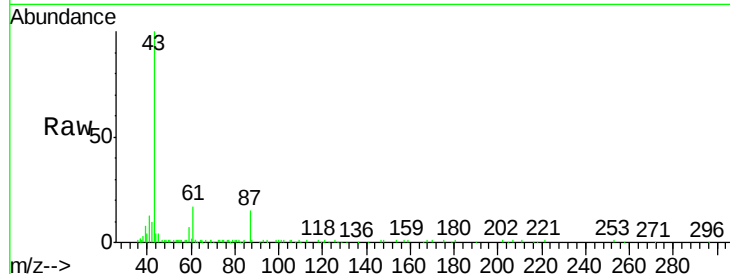


#43

Isopropyl Acetate
 Concen: 2.830 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: VX007491.D
 Acq: 12 Feb 2019 16:23

Instrument :
 MSVOA_X
 ClientSampleId :
 PB117025TB

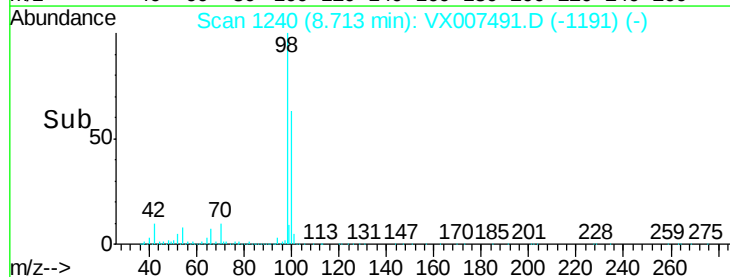
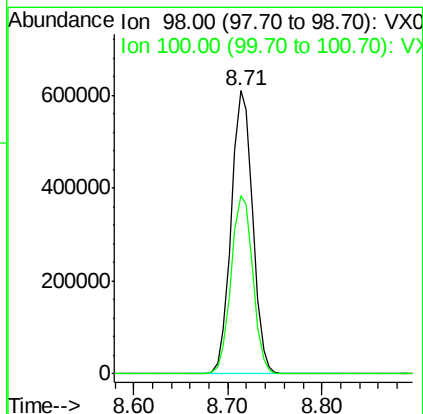
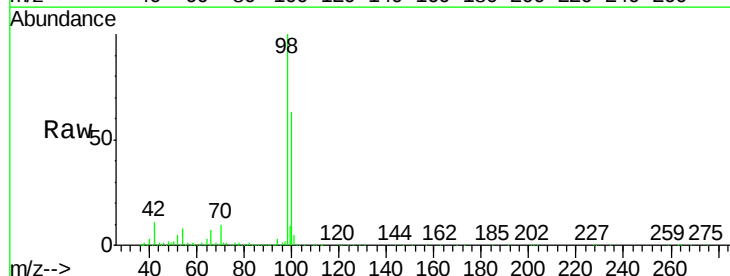
Tot Ion	43.00	Resp	30861
Ion Ratio	Lower	Upper	
43	100		
61	21.0	16.1	24.1
87	15.4	11.5	17.3

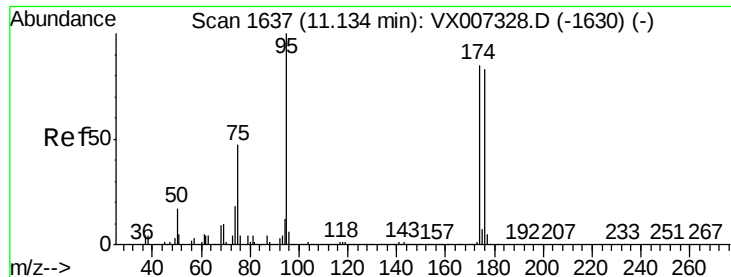


#50

Toluene-d8
 Concen: 51.104 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX007491.D
 Acq: 12 Feb 2019 16:23

Tgt Ion	98.00	Resp	961129
Ion Ratio	Lower	Upper	
98	100		
100	63.8	51.6	77.4





#62

4-Bromofluorobenzene

Concen: 49.408 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007491.D

Acq: 12 Feb 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

PB117025TB

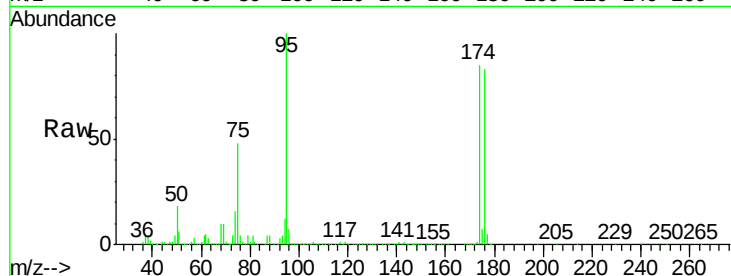
Tot Ion: 95 Resp: 339260

Ion Ratio Lower Upper

95 100

174 90.8 0.0 189.2

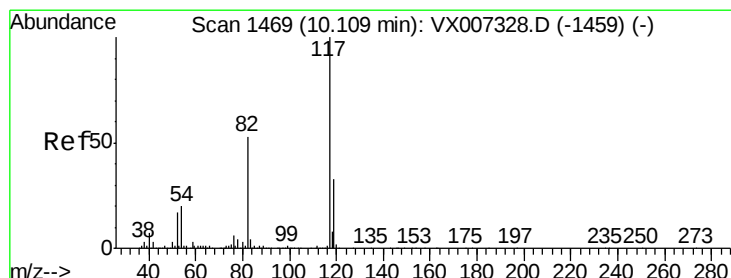
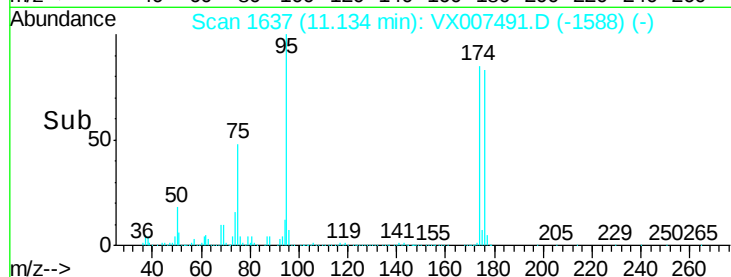
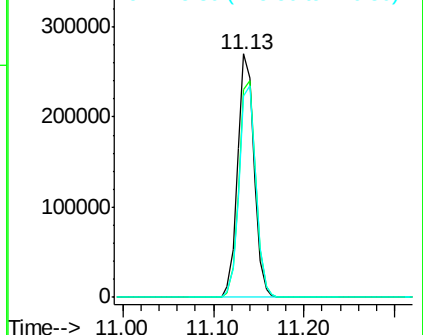
176 88.6 0.0 186.2



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: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX007491.D

Acq: 12 Feb 2019 16:23

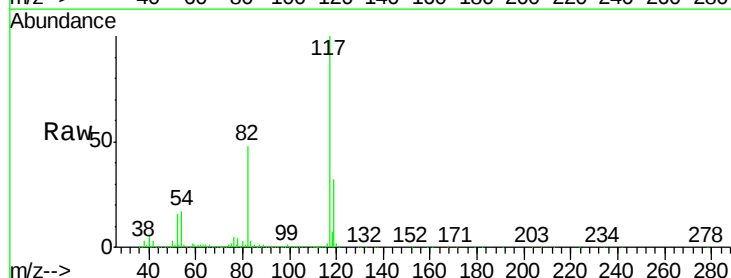
Tgt Ion: 117 Resp: 760022

Ion Ratio Lower Upper

117 100

82 48.3 42.1 63.1

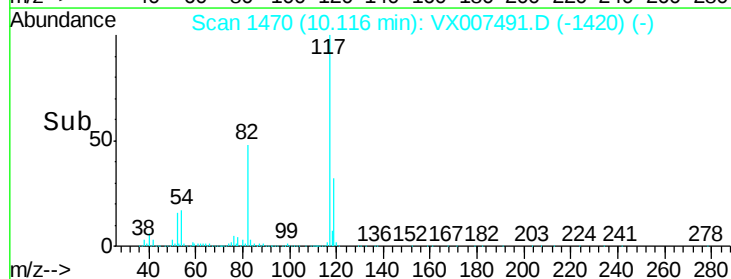
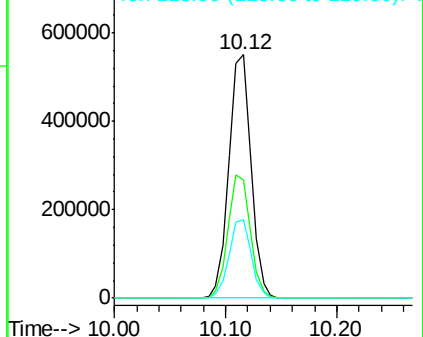
119 32.3 26.5 39.7

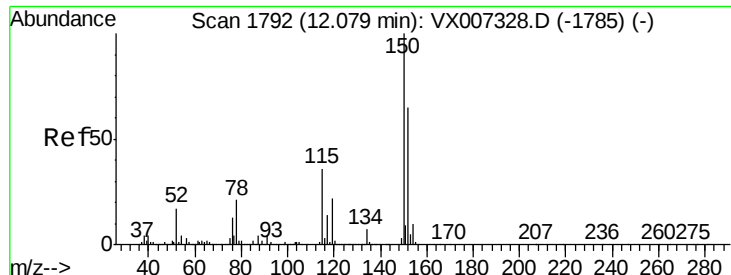


Abundance Ion 116.90 (116.60 to 117.60): V

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: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007491.D

Acq: 12 Feb 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

PB117025TB

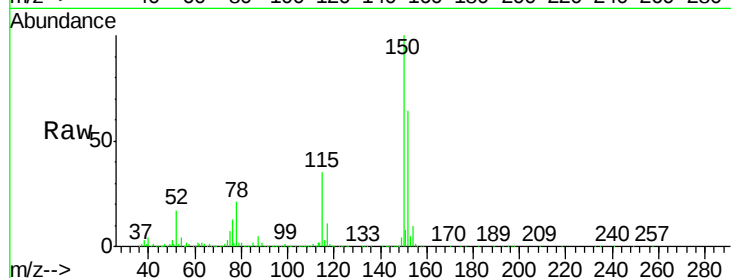
Tot Ion:152 Resp: 354417

Ion Ratio Lower Upper

152 100

115 54.8 38.0 114.0

150 157.0 0.0 346.4



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

