

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022119\
 Data File : VX007628.D
 Acq On : 21 Feb 2019 14:02
 Operator : JC/SP
 Sample : PB117250ZHE#02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB117250ZHE#02

Quant Time: Feb 22 05:47:57 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

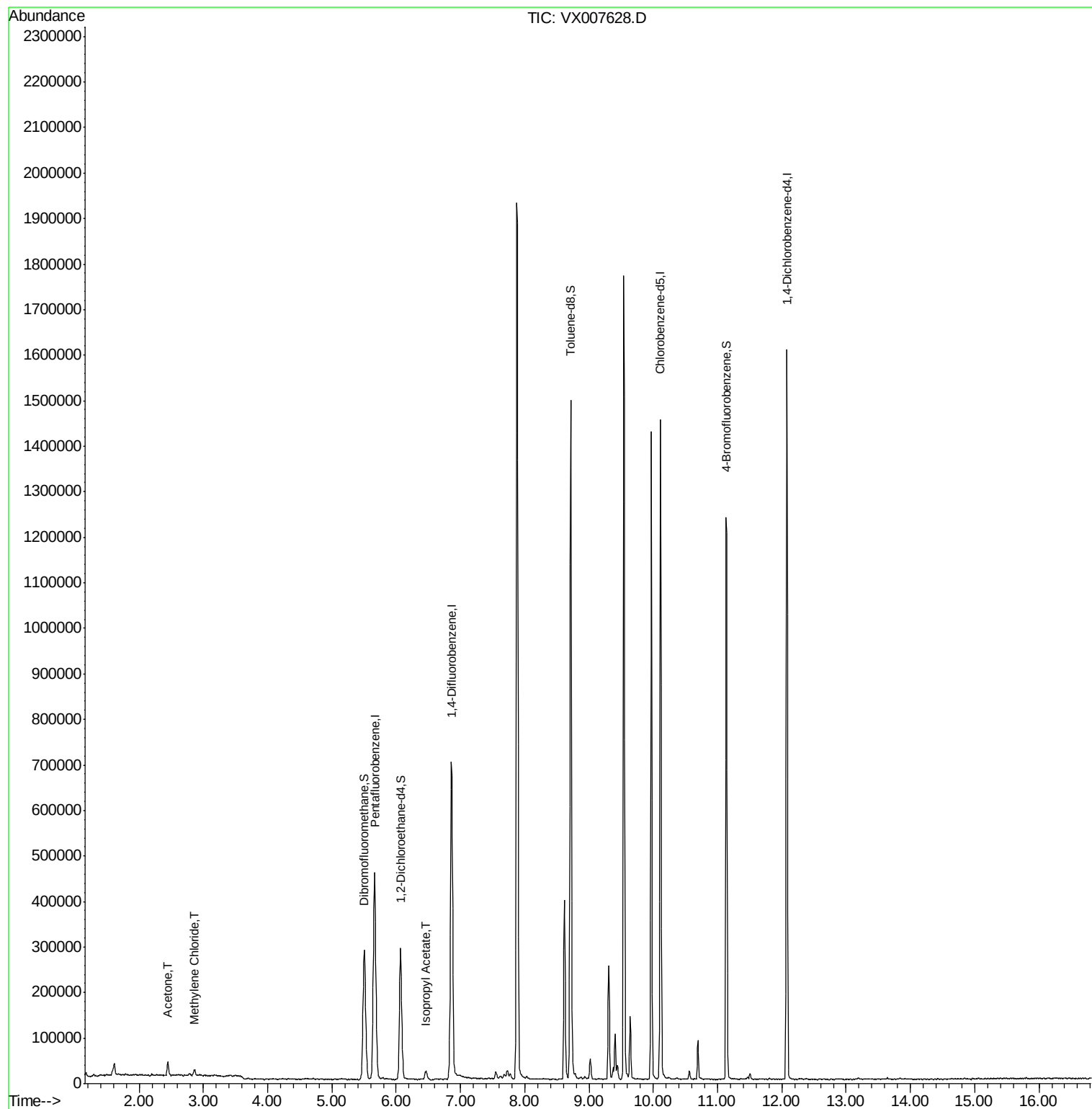
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	461720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	746108	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	721130	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	341102	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	264154	53.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.80%	
35) Dibromofluoromethane	5.50	113	245333	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.08%	
50) Toluene-d8	8.71	98	912803	50.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.36%	
62) 4-Bromofluorobenzene	11.13	95	321982	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
Target Compounds						
16) Acetone	2.45	43	31952	14.233	ug/l	97
20) Methylene Chloride	2.86	84	7455	1.242	ug/l #	93
43) Isopropyl Acetate	6.46	43	24566	2.352	ug/l	97

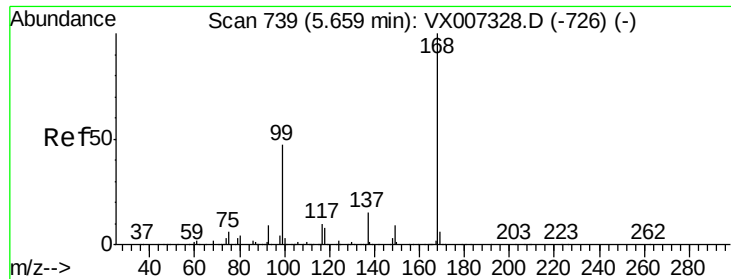
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007628.D

Acq: 21 Feb 2019 14:02

Instrument :

MSVOA_X

ClientSampleId :

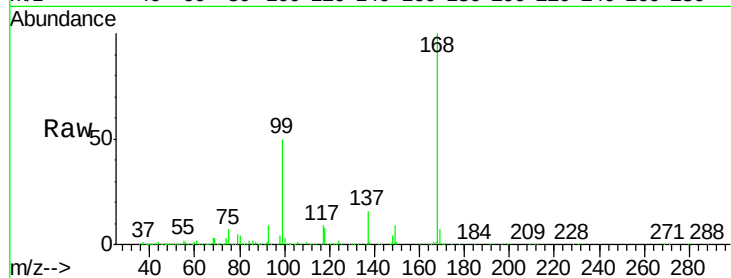
PB117250ZHE#02

Tot Ion:168 Resp: 461720

Ion Ratio Lower Upper

168 100

99 49.9 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

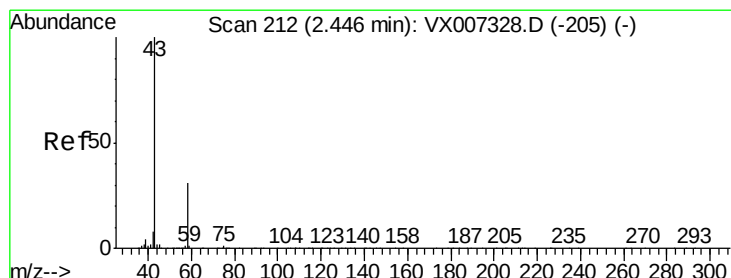
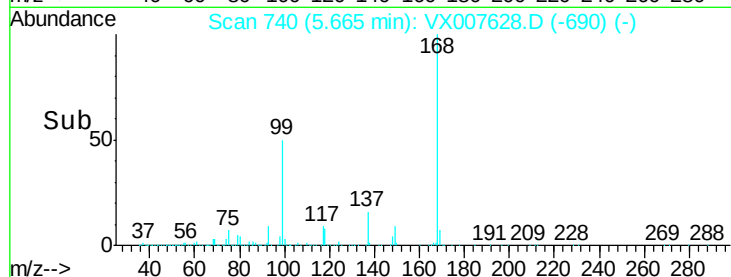
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 14.233 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007628.D

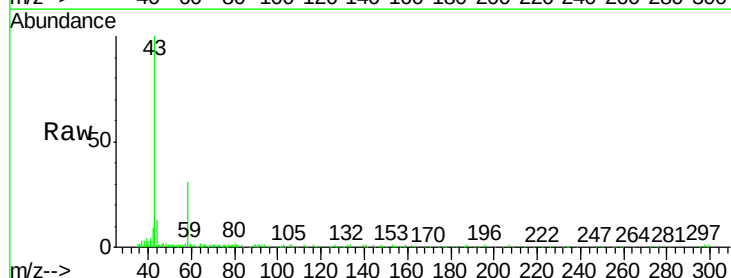
Acq: 21 Feb 2019 14:02

Tgt Ion: 43 Resp: 31952

Ion Ratio Lower Upper

43 100

58 29.7 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

20000

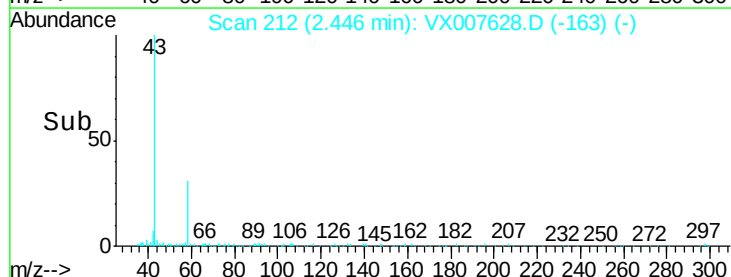
15000

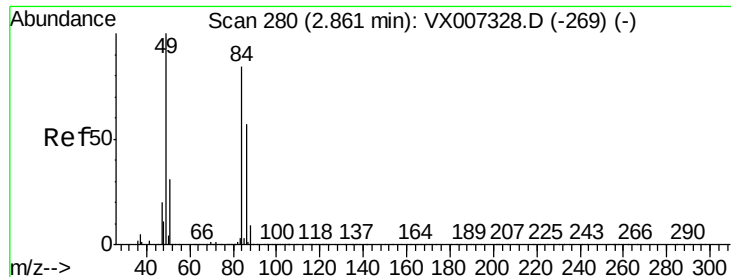
10000

5000

0

Time-->

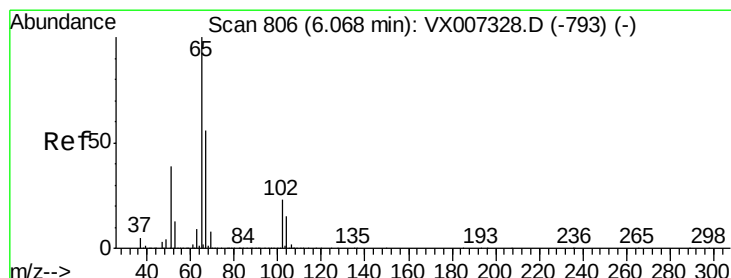
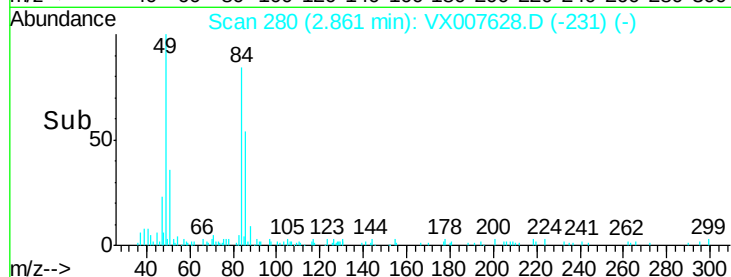
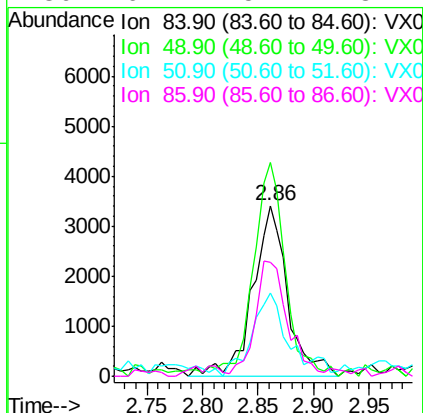
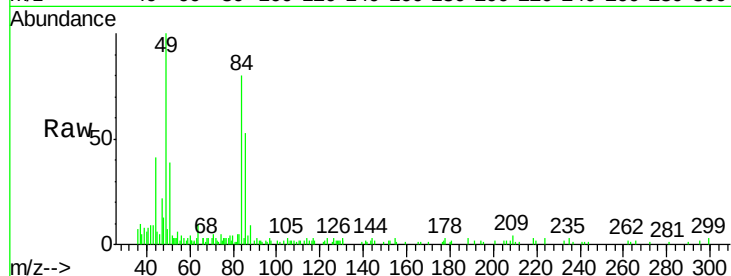




#20
Methylene Chloride
Concen: 1.242 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007628.D
Acq: 21 Feb 2019 14:02

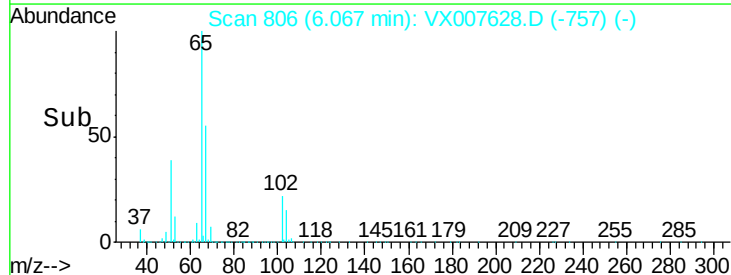
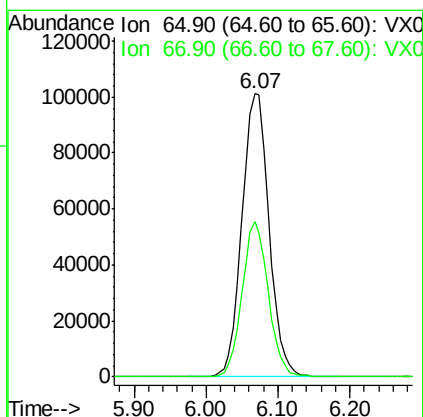
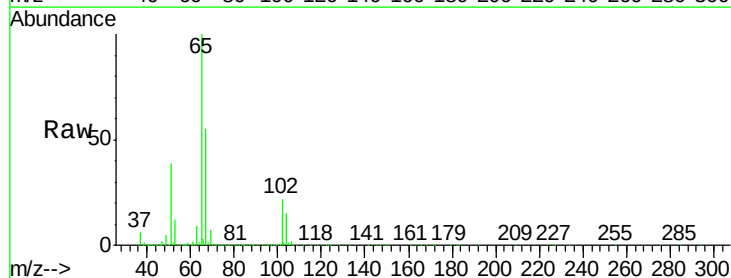
Instrument :
MSVOA_X
ClientSampleId :
PB117250ZHE#02

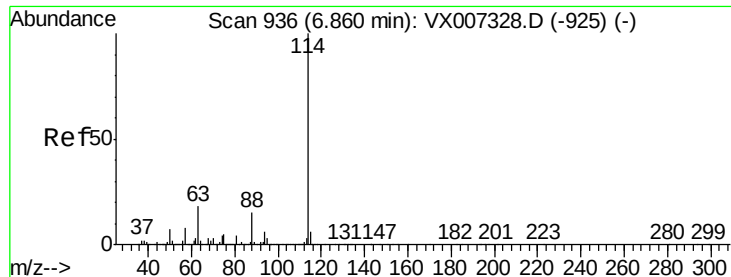
Tot Ion: 84 Resp: 7455
Ion Ratio Lower Upper
84 100
49 125.0 94.8 142.2
51 45.7 29.8 44.8#
86 62.7 54.1 81.1



#33
1,2-Dichloroethane-d4
Concen: 53.900 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX007628.D
Acq: 21 Feb 2019 14:02

Tgt Ion: 65 Resp: 264154
Ion Ratio Lower Upper
65 100
67 53.0 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: VX007628.D

Acq: 21 Feb 2019 14:02

Instrument :

MSVOA_X

ClientSampleId :

PB117250ZHE#02

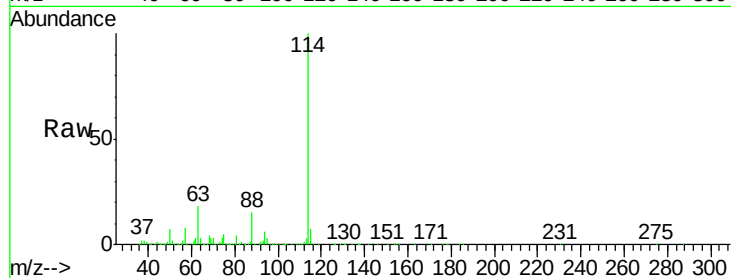
Tot Ion:114 Resp: 746108

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.6

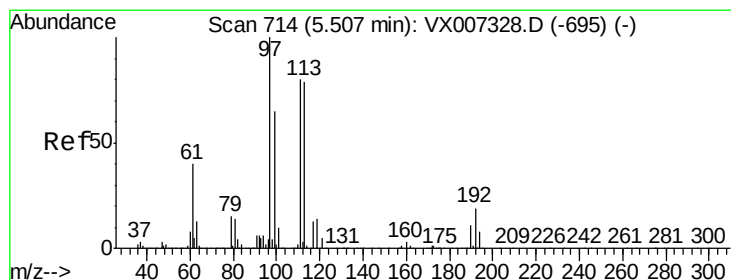
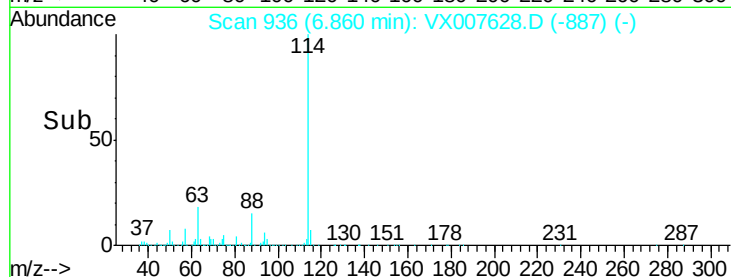
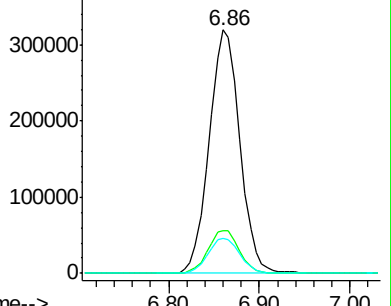
88 14.6 0.0 29.6



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: 50.536 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007628.D

Acq: 21 Feb 2019 14:02

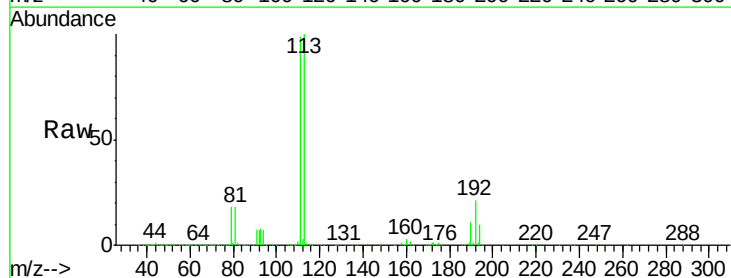
Tgt Ion:113 Resp: 245333

Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.8

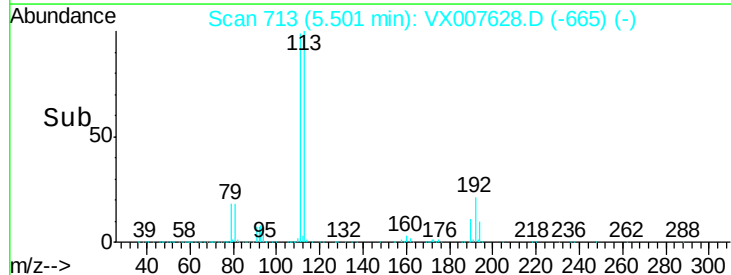
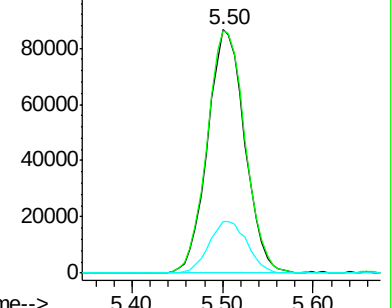
192 21.9 18.5 27.7

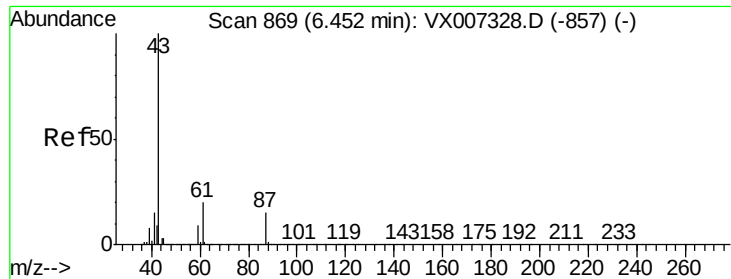


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.352 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX007628.D

Acq: 21 Feb 2019 14:02

Instrument :

MSVOA_X

ClientSampleId :

PB117250ZHE#02

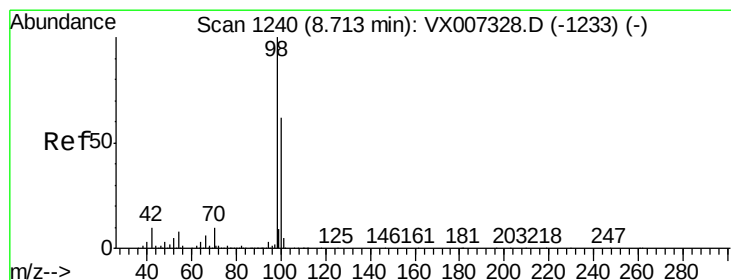
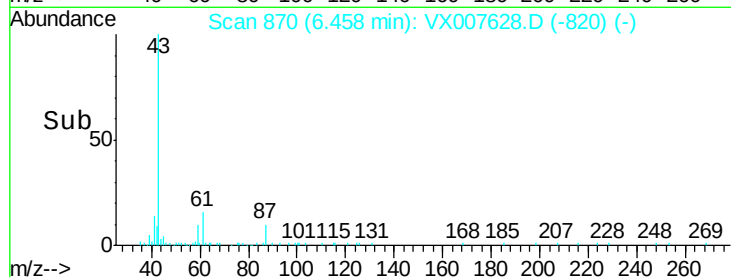
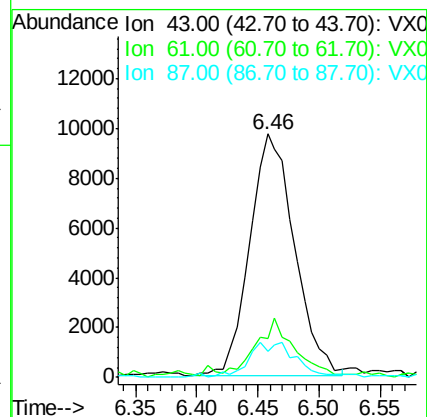
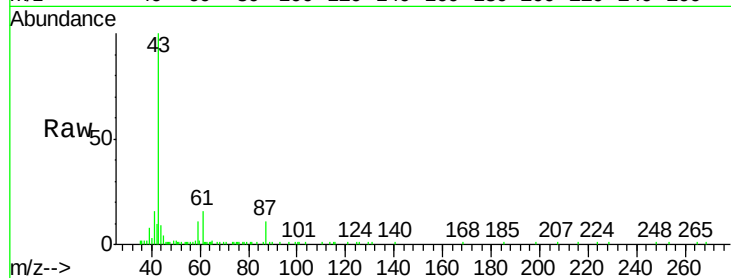
Tot Ion: 43 Resp: 24566

Ion Ratio Lower Upper

43 100

61 21.8 16.1 24.1

87 15.6 11.5 17.3



#50

Toluene-d8

Concen: 50.679 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007628.D

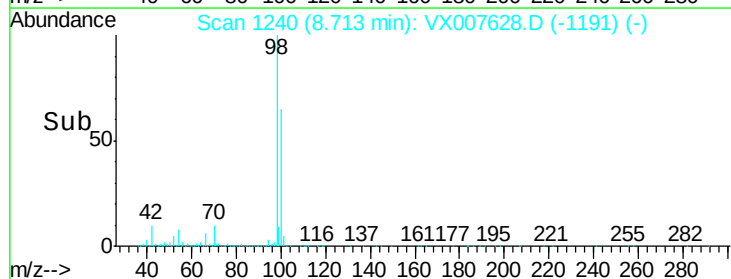
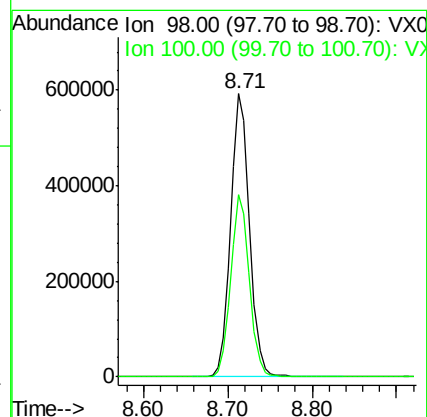
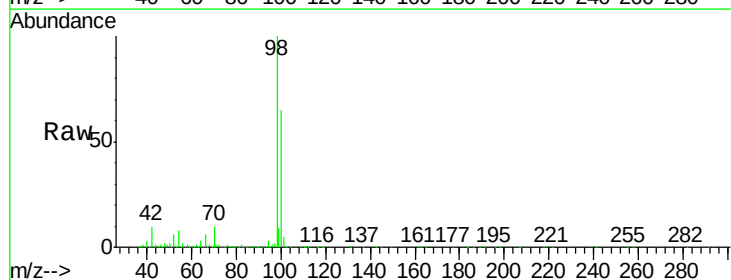
Acq: 21 Feb 2019 14:02

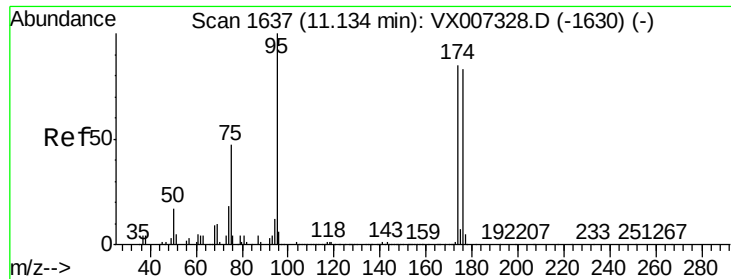
Tgt Ion: 98 Resp: 912803

Ion Ratio Lower Upper

98 100

100 63.7 51.6 77.4





#62

4-Bromofluorobenzene

Concen: 48.963 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007628.D

Acq: 21 Feb 2019 14:02

Instrument :

MSVOA_X

ClientSampleId :

PB117250ZHE#02

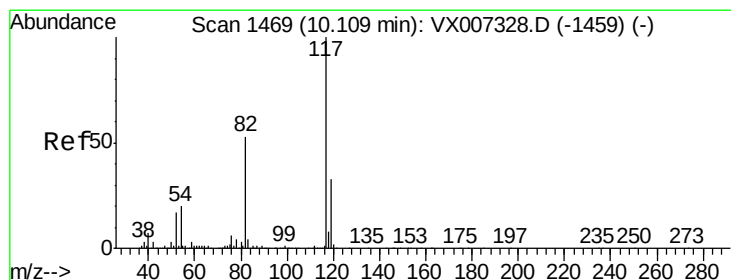
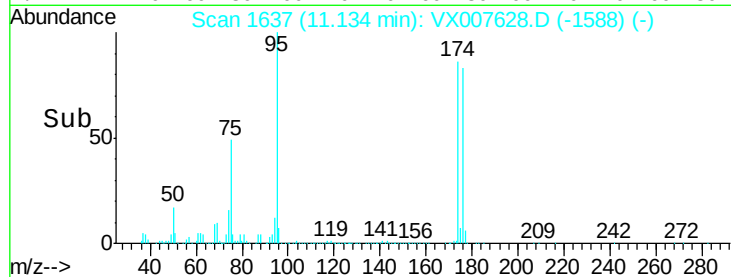
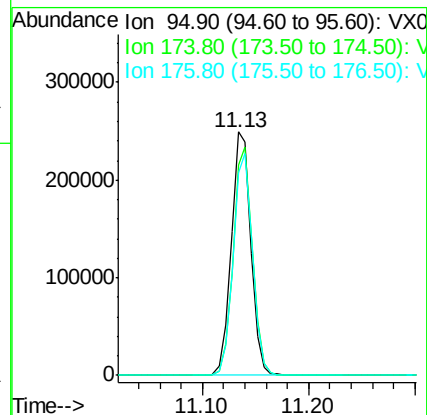
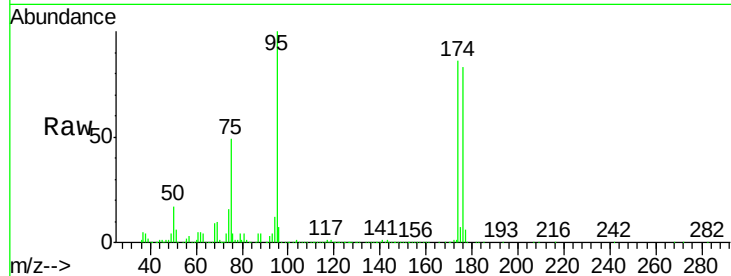
Tot Ion: 95 Resp: 321982

Ion Ratio Lower Upper

95 100

174 92.3 0.0 189.2

176 89.7 0.0 186.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX007628.D

Acq: 21 Feb 2019 14:02

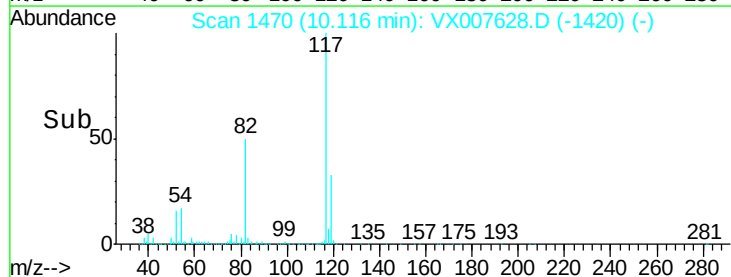
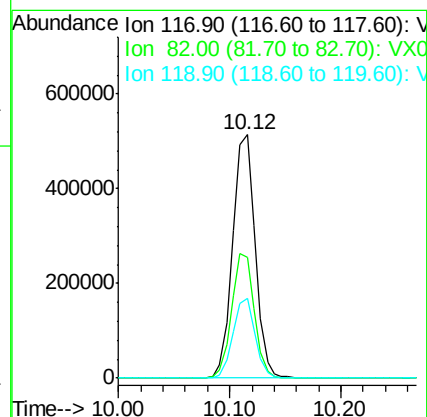
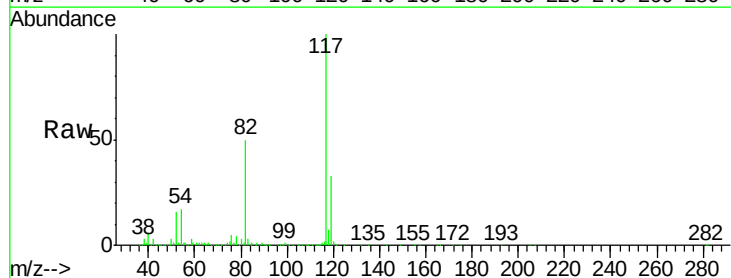
Tgt Ion: 117 Resp: 721130

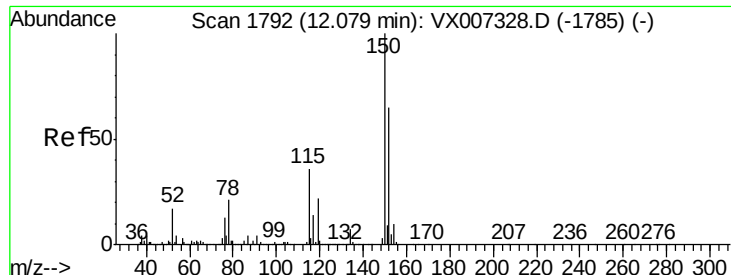
Ion Ratio Lower Upper

117 100

82 49.8 42.1 63.1

119 32.6 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007628.D

Acq: 21 Feb 2019 14:02

Instrument :

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ClientSampleId :

PB117250ZHE#02

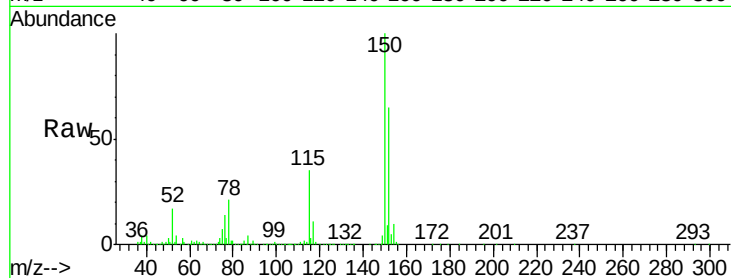
Tot Ion:152 Resp: 341102

Ion Ratio Lower Upper

152 100

115 54.9 38.0 114.0

150 156.1 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

