

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022119\
 Data File : VX007623.D
 Acq On : 21 Feb 2019 11:49
 Operator : JC/SP
 Sample : PB117256TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB117256TB

Quant Time: Feb 22 04:59:40 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

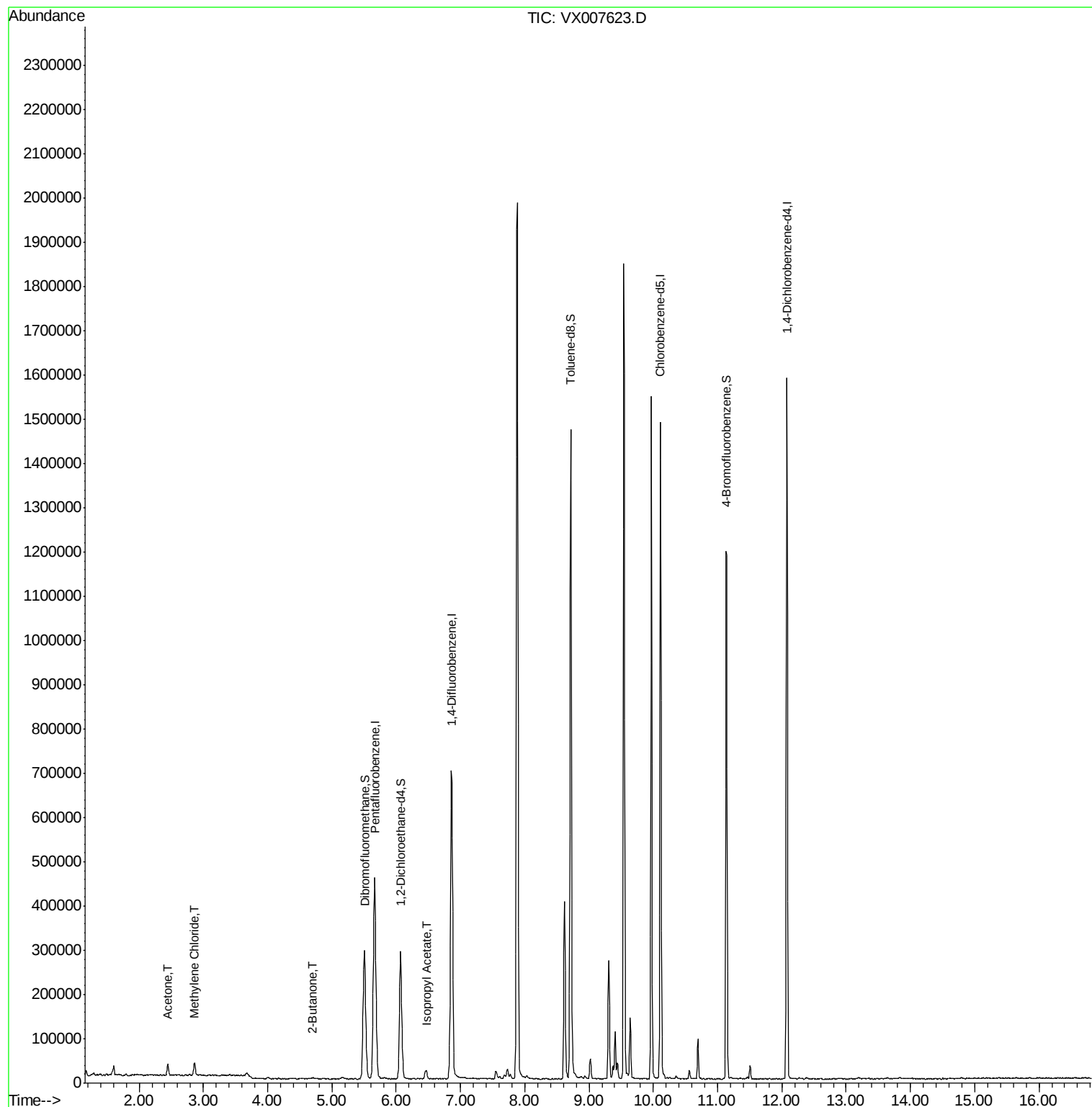
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	466528	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	737759	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	716500	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	334315	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	262002	52.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.82%	
35) Dibromofluoromethane	5.51	113	245109	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
50) Toluene-d8	8.71	98	899088	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.96%	
62) 4-Bromofluorobenzene	11.13	95	311530	47.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.82%	
Target Compounds						
16) Acetone	2.45	43	28281	12.468	ug/l	94
20) Methylene Chloride	2.86	84	14581	2.776	ug/l	94
25) 2-Butanone	4.70	43	6250	1.936	ug/l #	80
43) Isopropyl Acetate	6.47	43	26498	2.566	ug/l	94

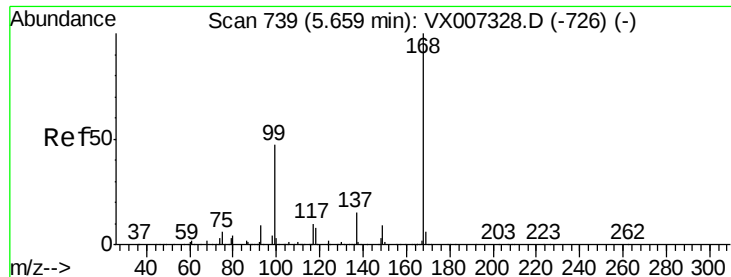
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007623.D

Acq: 21 Feb 2019 11:49

Instrument :

MSVOA_X

ClientSampleId :

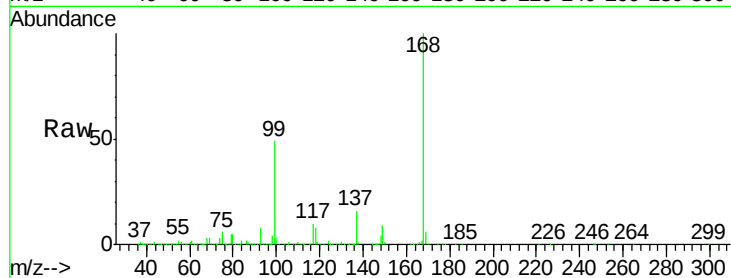
PB117256TB

Tot Ion:168 Resp: 466528

Ion Ratio Lower Upper

168 100

99 49.3 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

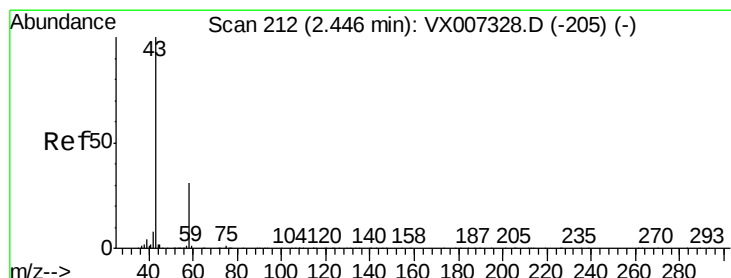
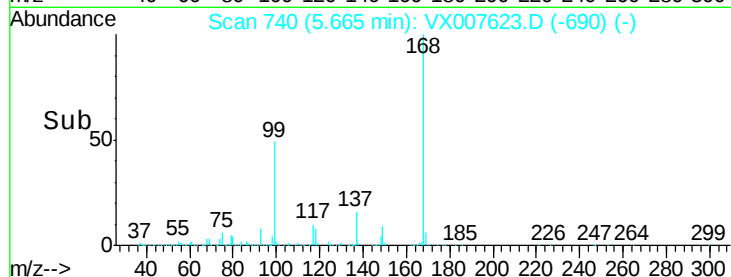
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 12.468 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007623.D

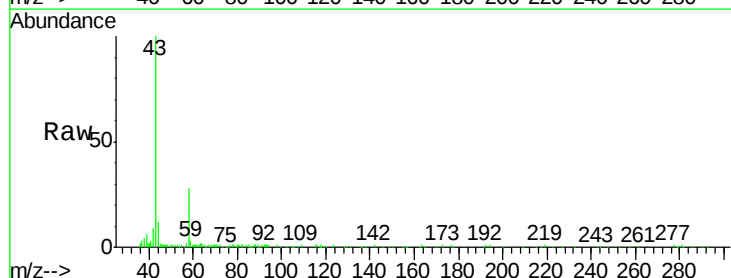
Acq: 21 Feb 2019 11:49

Tgt Ion: 43 Resp: 28281

Ion Ratio Lower Upper

43 100

58 27.9 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

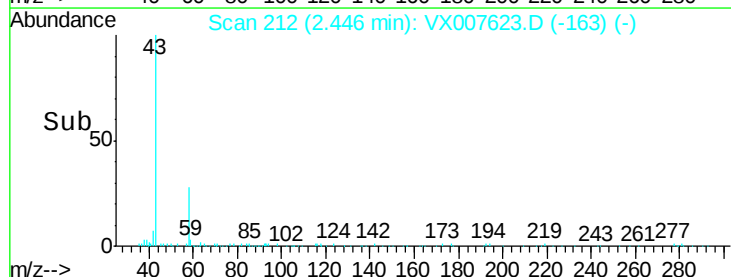
15000

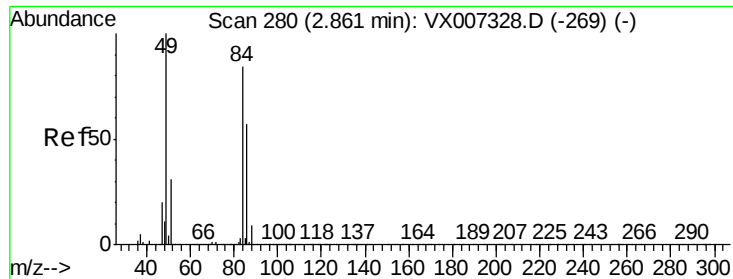
10000

5000

0

Time-->

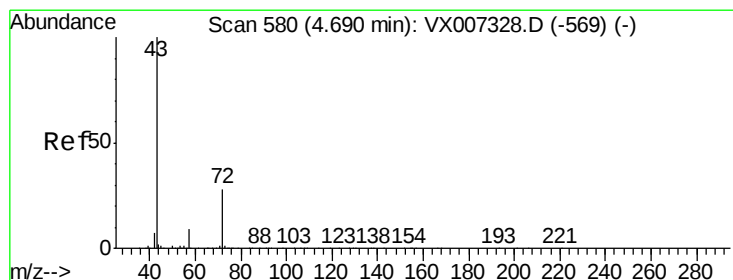
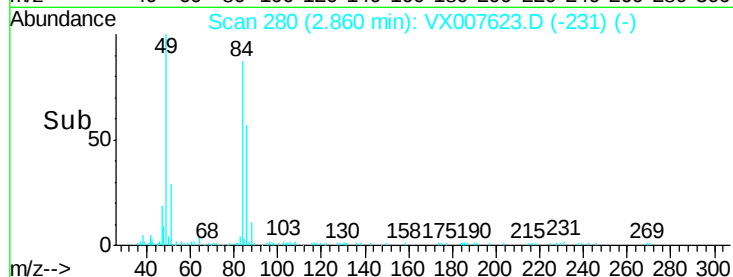
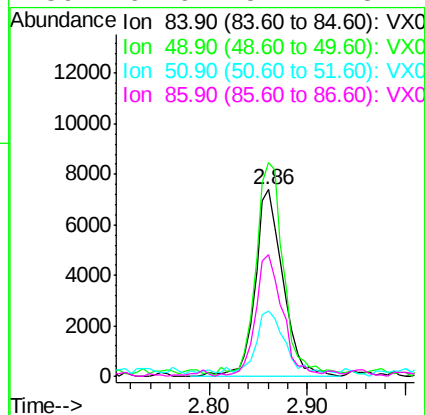
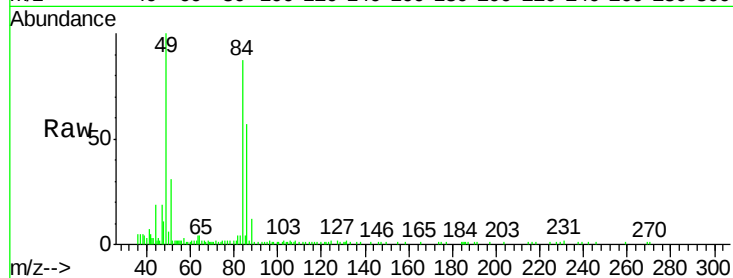




#20
Methvlene Chloride
Concen: 2.776 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007623.D
Acq: 21 Feb 2019 11:49

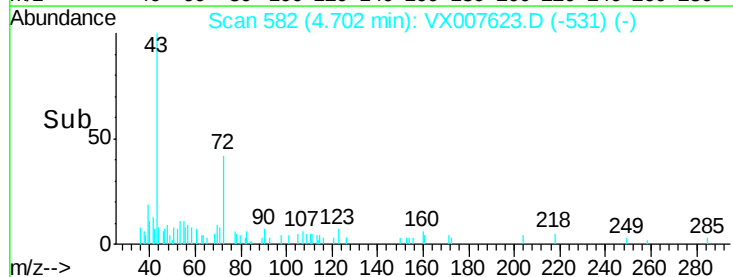
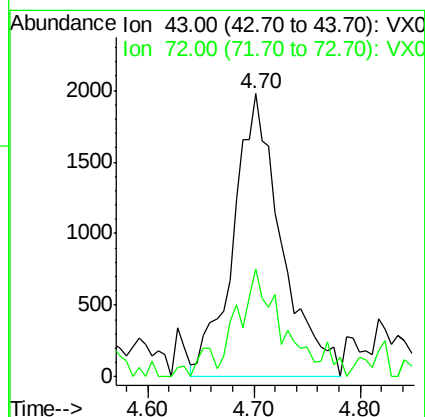
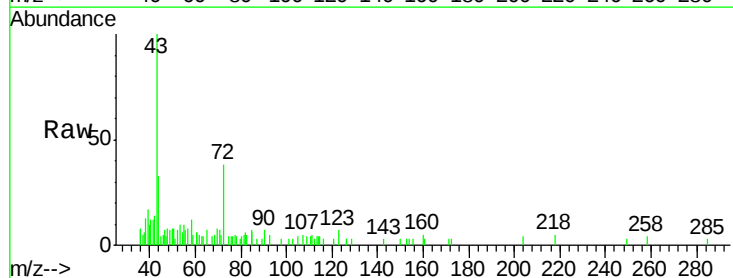
Instrument :
MSVOA_X
ClientSampleId :
PB117256TB

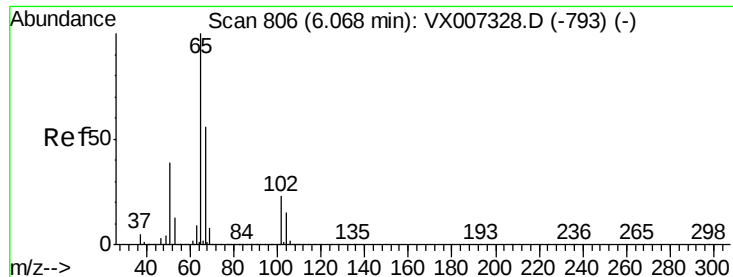
Tot Ion:	84	Resp:	14581
Ion	Ratio	Lower	Upper
84	100		
49	112.4	94.8	142.2
51	33.1	29.8	44.8
86	62.6	54.1	81.1



#25
2-Butanone
Concen: 1.936 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX007623.D
Acq: 21 Feb 2019 11:49

Tgt Ion:	43	Resp:	6250
Ion	Ratio	Lower	Upper
43	100		
72	38.3	22.2	33.2#





#33

1,2-Dichloroethane-d4

Concen: 52.910 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007623.D

Acq: 21 Feb 2019 11:49

Instrument :

MSVOA_X

ClientSampleId :

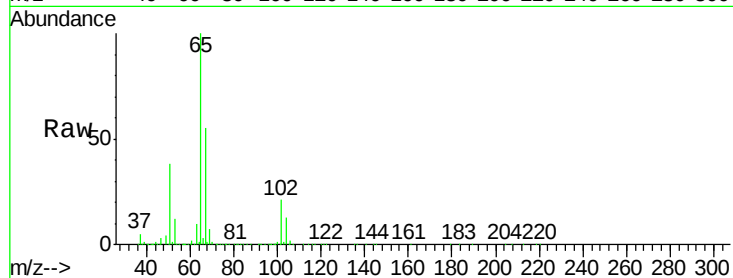
PB117256TB

Tot Ion: 65 Resp: 262002

Ion Ratio Lower Upper

65 100

67 54.6 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

120000

100000

80000

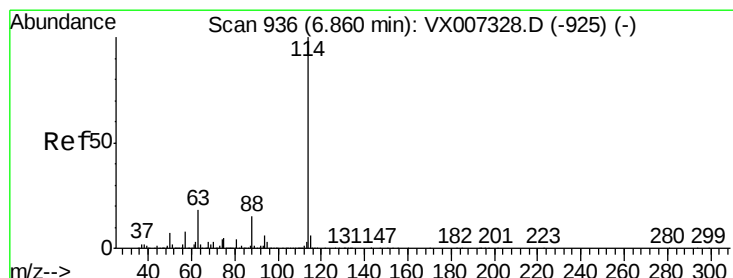
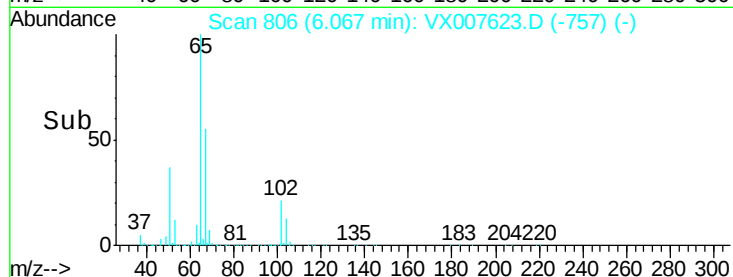
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007623.D

Acq: 21 Feb 2019 11:49

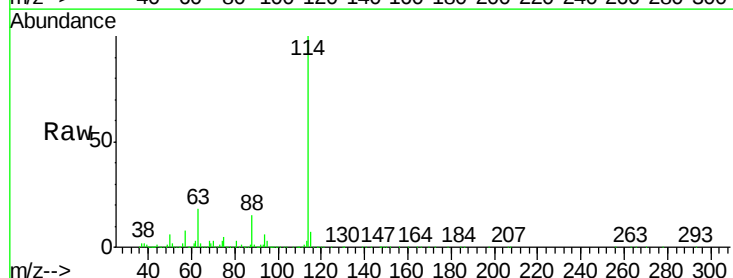
Tgt Ion: 114 Resp: 737759

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.6

88 15.0 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

6.86

400000

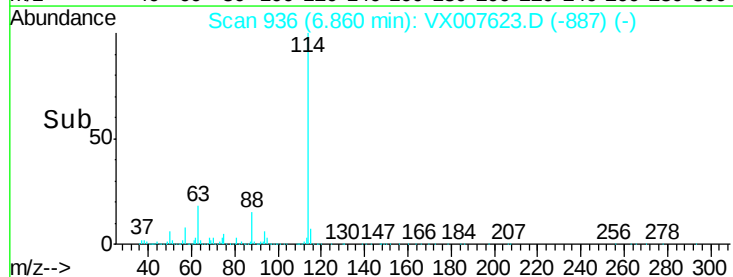
300000

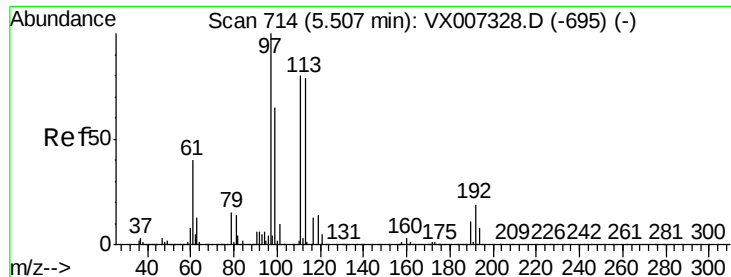
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 51.061 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX007623.D

Acq: 21 Feb 2019 11:49

Instrument :

MSVOA_X

ClientSampleId :

PB117256TB

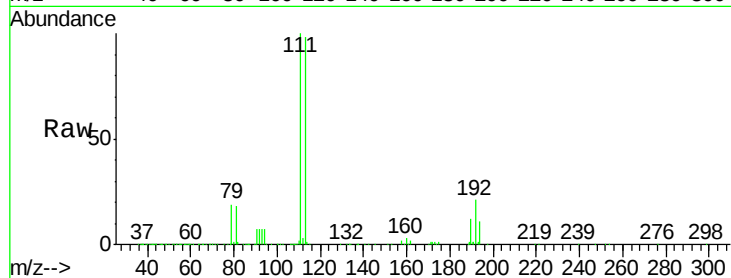
Tot Ion:113 Resp: 245109

Ion Ratio Lower Upper

113 100

111 103.9 81.8 122.8

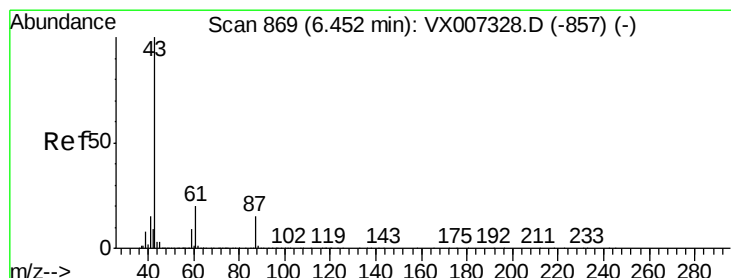
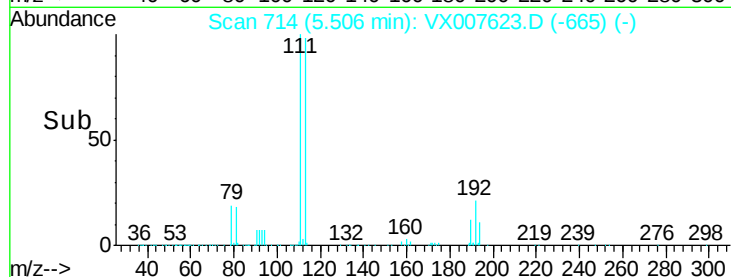
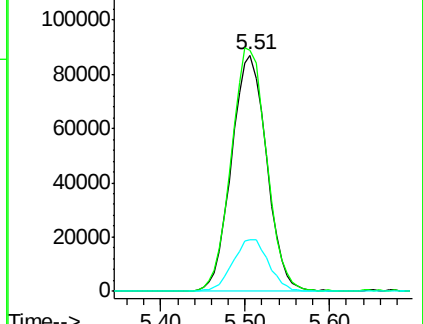
192 22.5 18.5 27.7



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: 2.566 ug/l

RT: 6.47 min Scan# 872

Delta R.T. 0.02 min

Lab File: VX007623.D

Acq: 21 Feb 2019 11:49

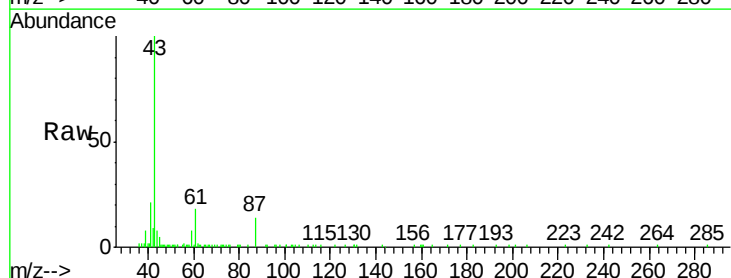
Tgt Ion: 43 Resp: 26498

Ion Ratio Lower Upper

43 100

61 23.1 16.1 24.1

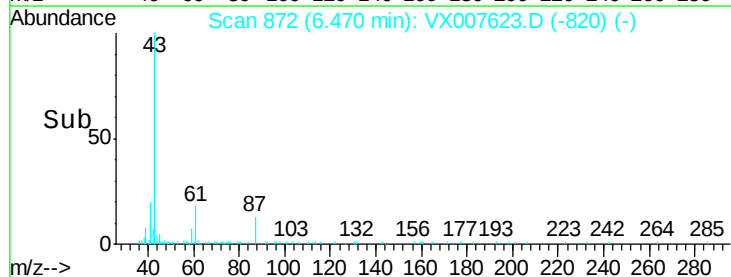
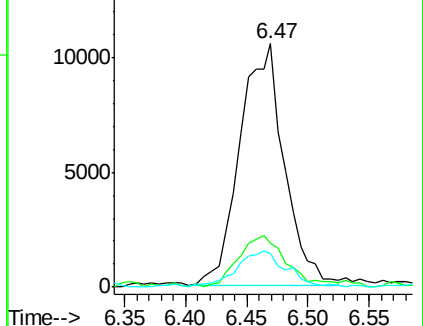
87 16.8 11.5 17.3

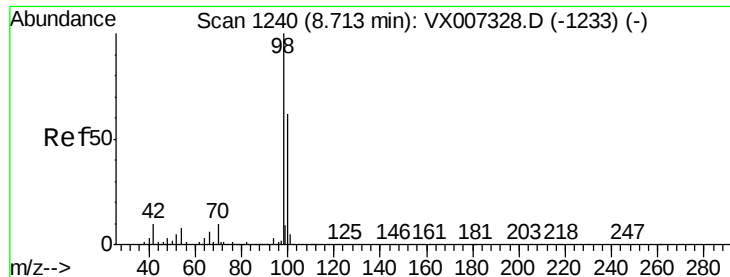


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 50.482 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007623.D

Acq: 21 Feb 2019 11:49

Instrument :

MSVOA_X

ClientSampleId :

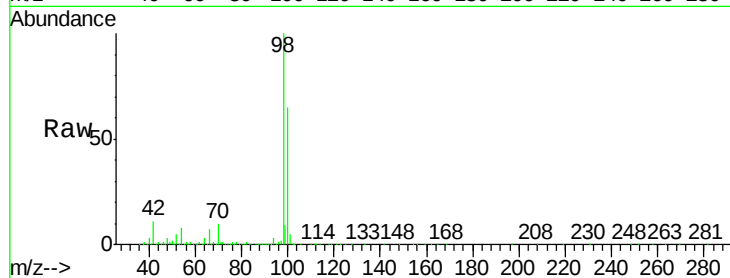
PB117256TB

Tot Ion: 98 Resp: 899088

Ion Ratio Lower Upper

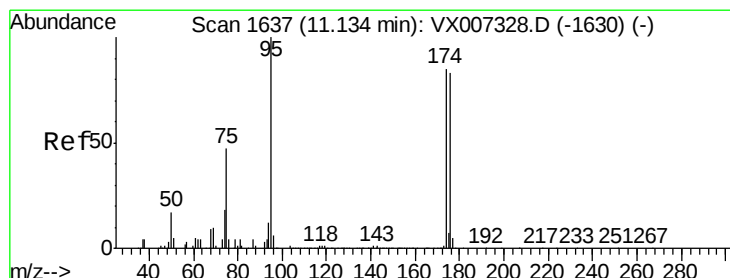
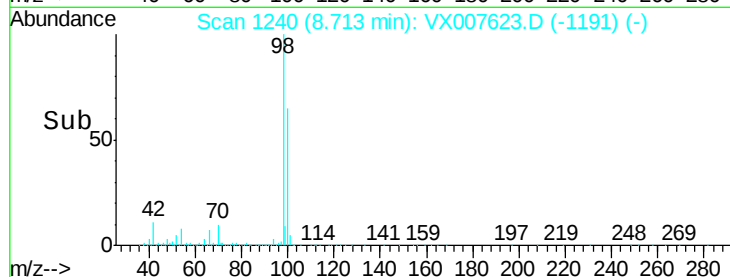
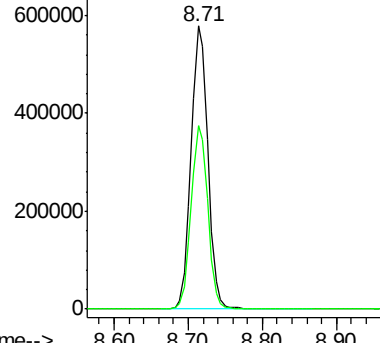
98 100

100 64.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 47.909 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007623.D

Acq: 21 Feb 2019 11:49

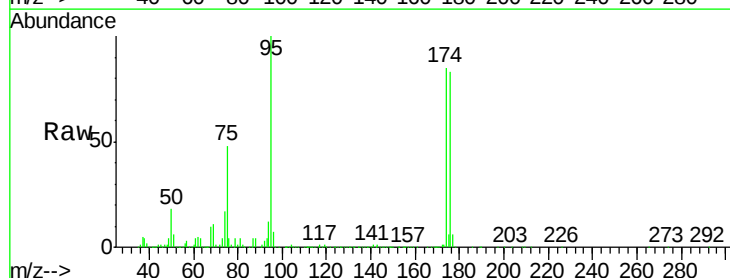
Tgt Ion: 95 Resp: 311530

Ion Ratio Lower Upper

95 100

174 92.9 0.0 189.2

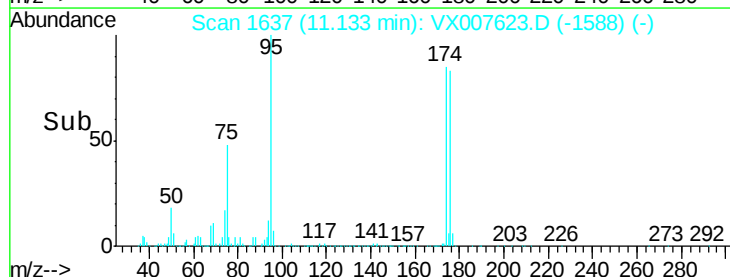
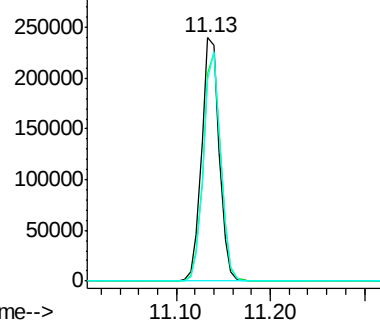
176 91.3 0.0 186.2

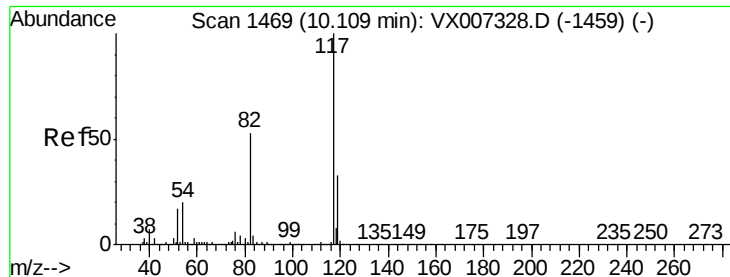


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX007623.D

Acq: 21 Feb 2019 11:49

Instrument :

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PB117256TB

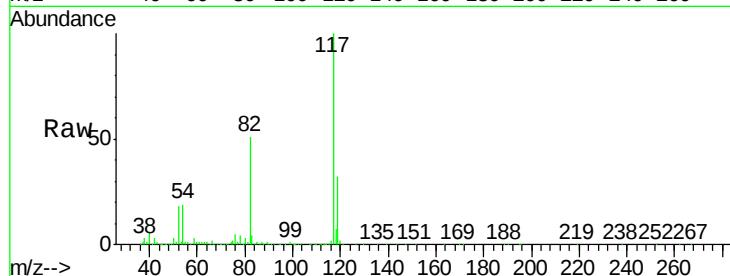
Tot Ion:117 Resp: 716500

Ion Ratio Lower Upper

117 100

82 51.3 42.1 63.1

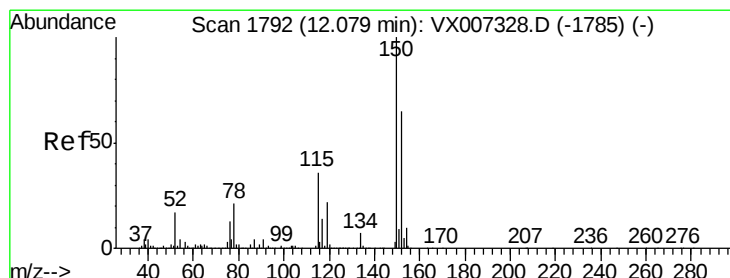
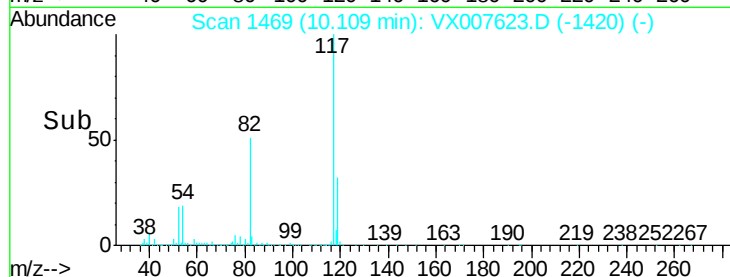
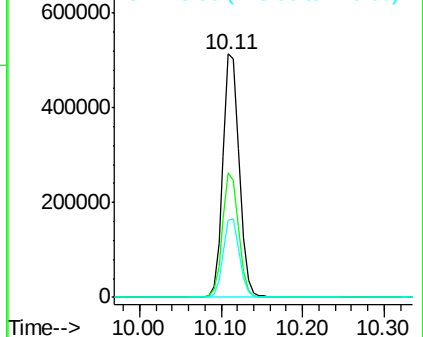
119 31.9 26.5 39.7



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: VX007623.D

Acq: 21 Feb 2019 11:49

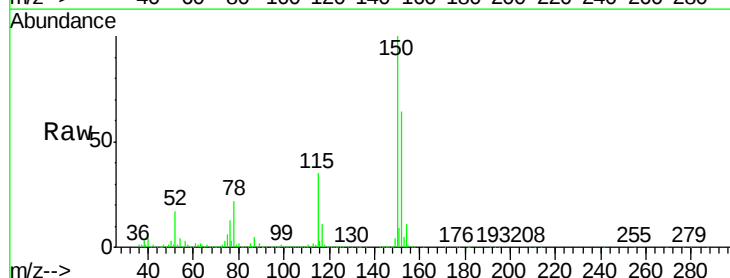
Tgt Ion:152 Resp: 334315

Ion Ratio Lower Upper

152 100

115 55.2 38.0 114.0

150 156.7 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

