

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX013019\
 Data File : VX007306.D
 Acq On : 30 Jan 2019 11:25
 Operator : JC/SP
 Sample : PB116701TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB116701TB

Quant Time: Jan 31 00:52:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

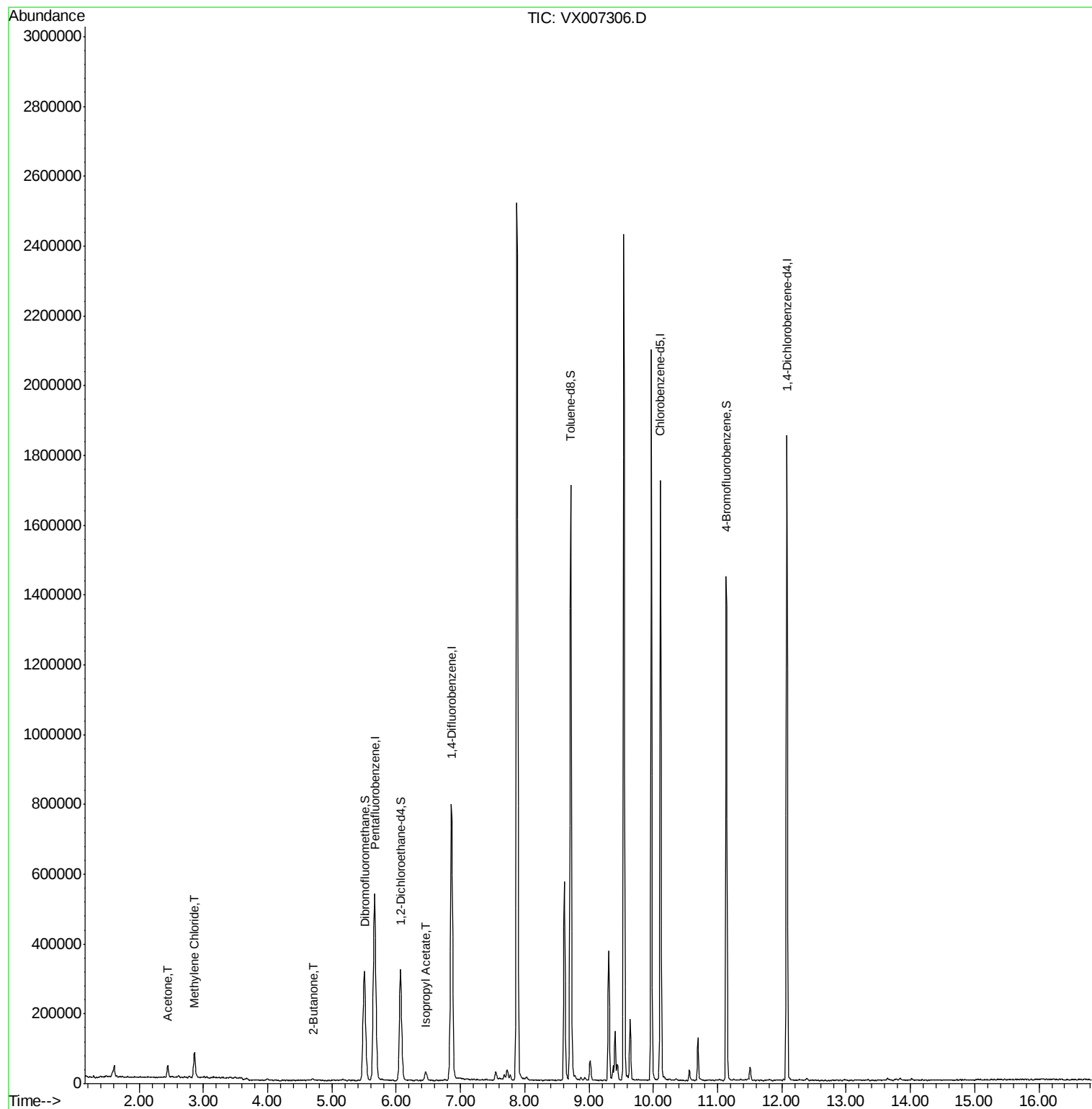
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	552506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	845951	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	814955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	391189	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	292405	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.28%	
35) Dibromofluoromethane	5.51	113	266849	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.52%	
50) Toluene-d8	8.71	98	1039148	52.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.80%	
62) 4-Bromofluorobenzene	11.13	95	367033	53.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.18%	
Target Compounds						
16) Acetone	2.45	43	35618	12.478	ug/l	96
20) Methylene Chloride	2.86	84	34700	5.892	ug/l	91
25) 2-Butanone	4.70	43	9063	2.219	ug/l	98
43) Isopropyl Acetate	6.46	43	32920	2.647	ug/l	96

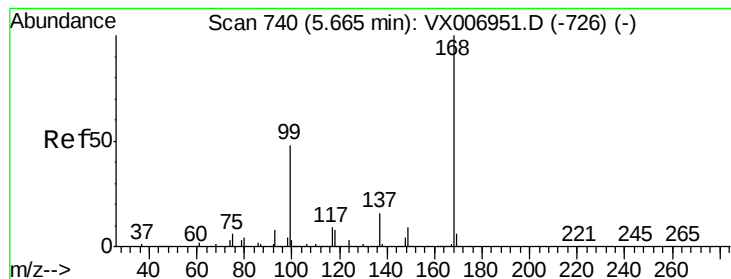
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007306.D

Acq: 30 Jan 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

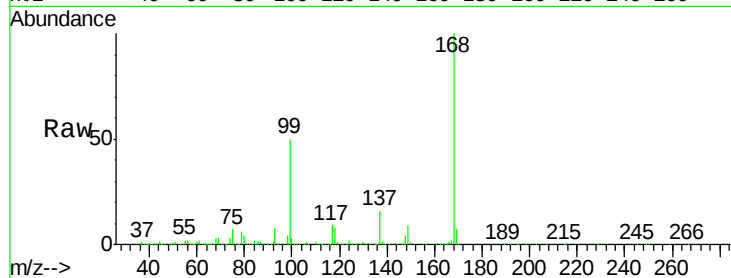
PB116701TB

Tot Ion:168 Resp: 552506

Ion Ratio Lower Upper

168 100

99 49.5 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

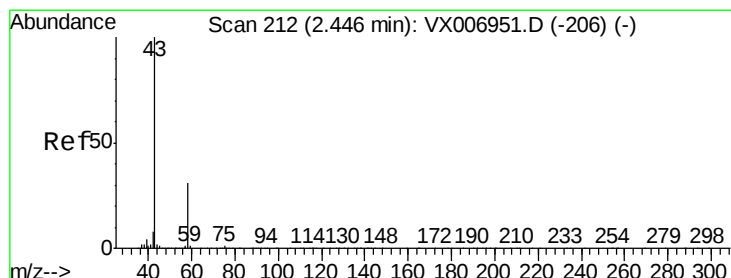
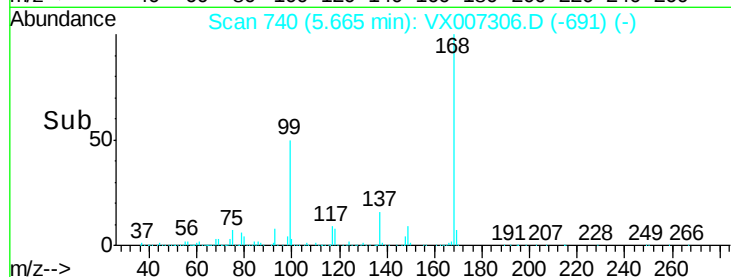
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 12.478 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007306.D

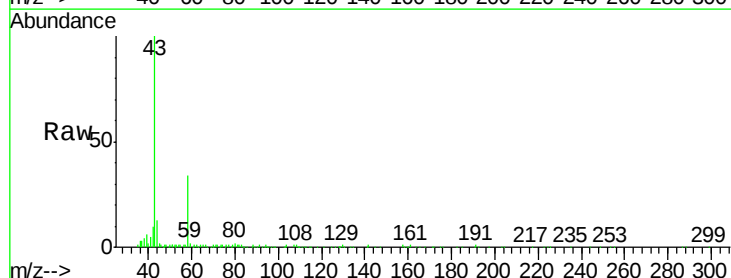
Acq: 30 Jan 2019 11:25

Tgt Ion: 43 Resp: 35618

Ion Ratio Lower Upper

43 100

58 33.3 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

25000

20000

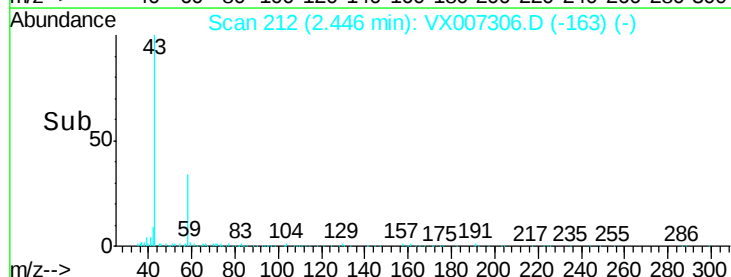
15000

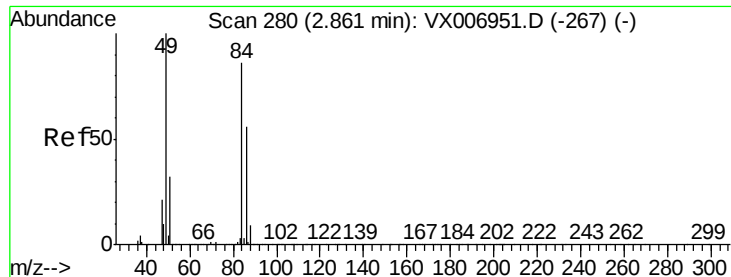
10000

5000

0

Time--> 2.35 2.40 2.45 2.50 2.55

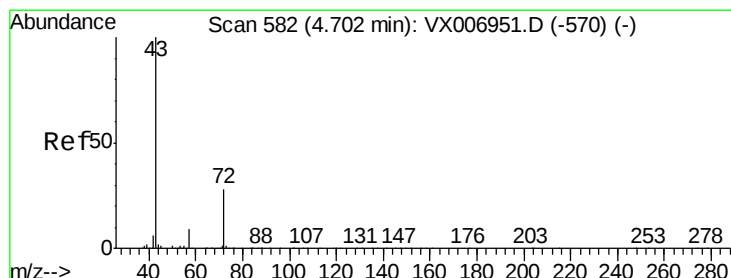
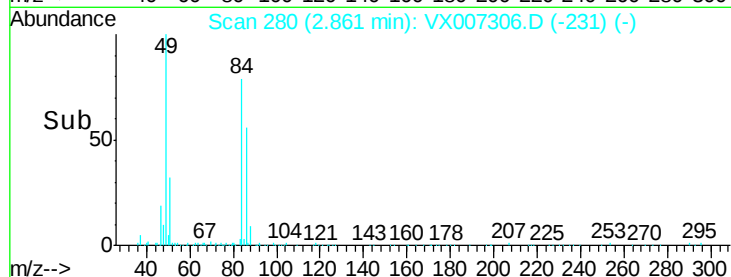
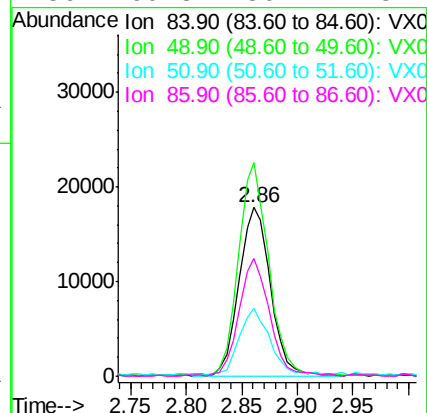
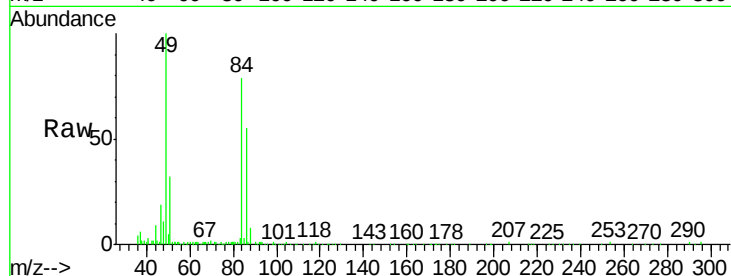




#20
Methvlene Chloride
Concen: 5.892 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007306.D
Acq: 30 Jan 2019 11:25

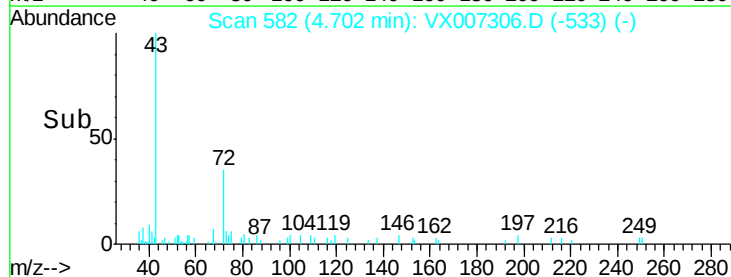
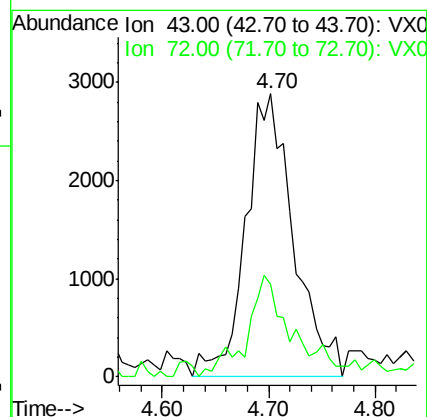
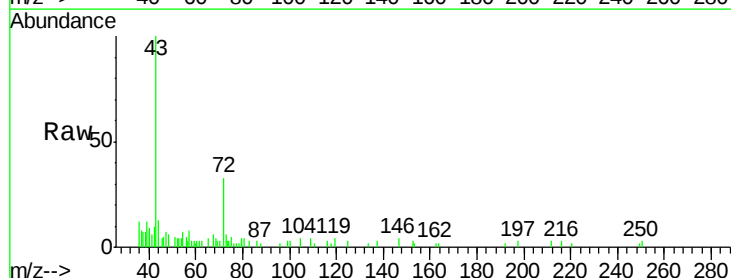
Instrument :
MSVOA_X
ClientSampleId :
PB116701TB

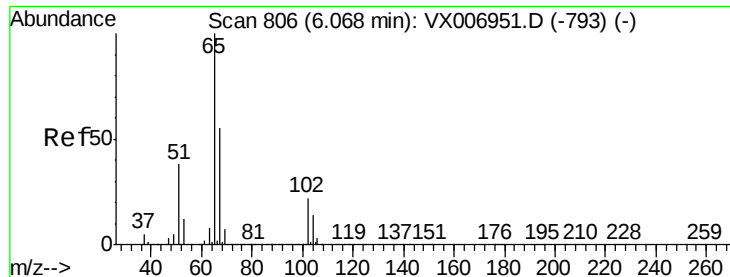
Tot Ion:	84	Resp:	34700
Ion	Ratio	Lower	Upper
84	100		
49	126.1	91.8	137.6
51	39.5	28.5	42.7
86	69.8	50.2	75.2



#25
2-Butanone
Concen: 2.219 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX007306.D
Acq: 30 Jan 2019 11:25

Tgt Ion:	43	Resp:	9063
Ion	Ratio	Lower	Upper
43	100		
72	29.0	22.4	33.6

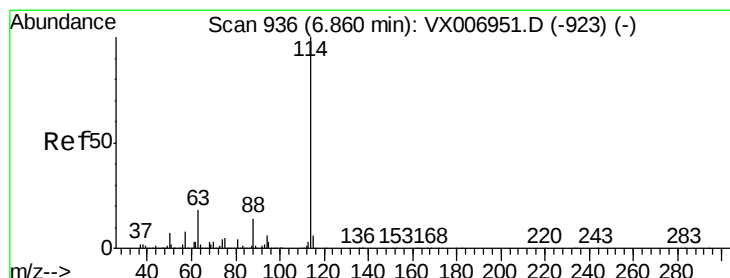
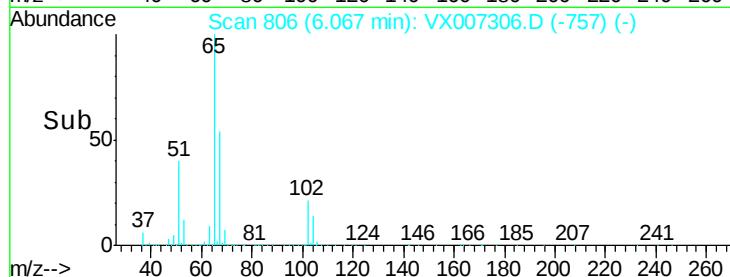
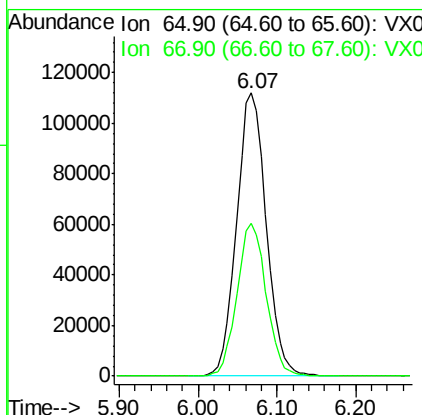
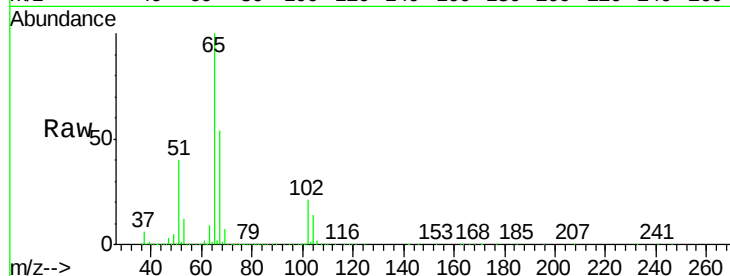




#33
 1,2-Dichloroethane-d4
 Concen: 50.640 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007306.D
 Acq: 30 Jan 2019 11:25

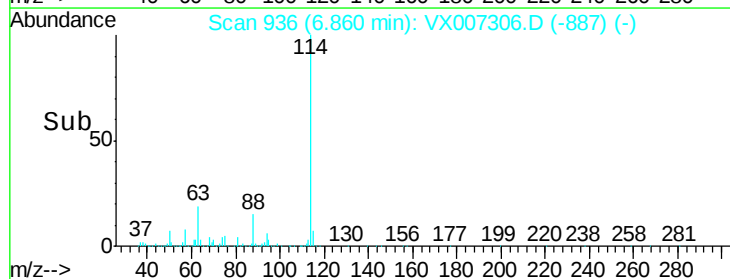
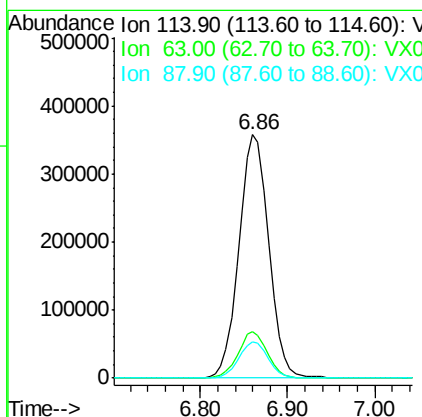
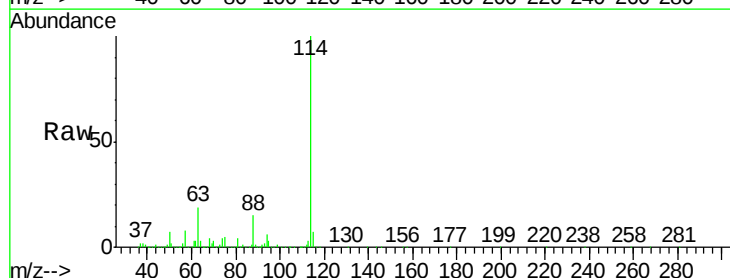
Instrument :
 MSVOA_X
 ClientSampleId :
 PB116701TB

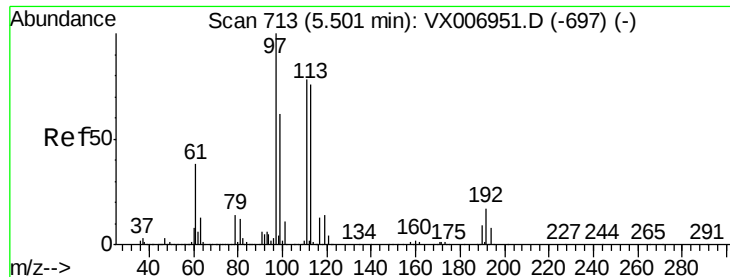
Tot Ion: 65 Resp: 292405
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007306.D
 Acq: 30 Jan 2019 11:25

Tgt Ion: 114 Resp: 845951
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 34.8
 88 14.9 0.0 28.8





#35

Dibromofluoromethane

Concen: 49.258 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007306.D

Acq: 30 Jan 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

PB116701TB

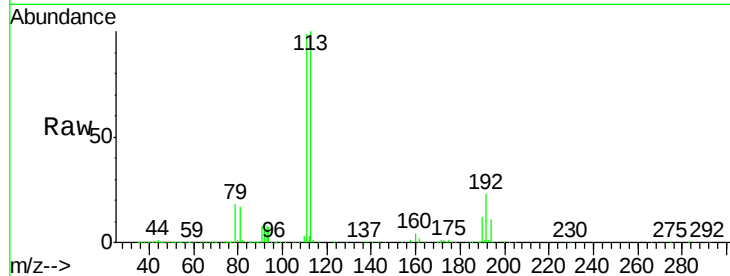
Tot Ion:113 Resp: 266849

Ion Ratio Lower Upper

113 100

111 101.6 81.6 122.4

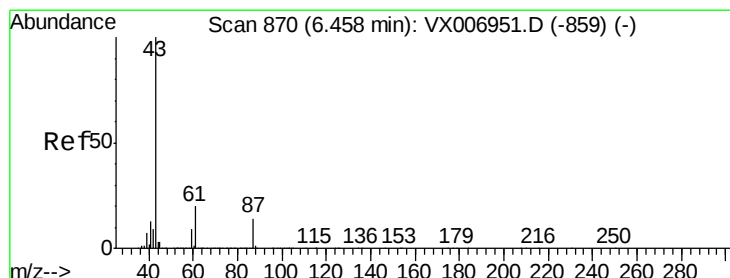
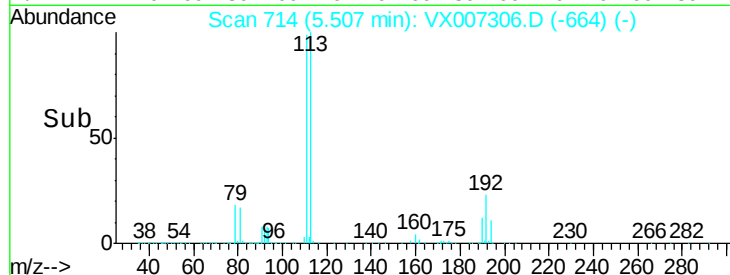
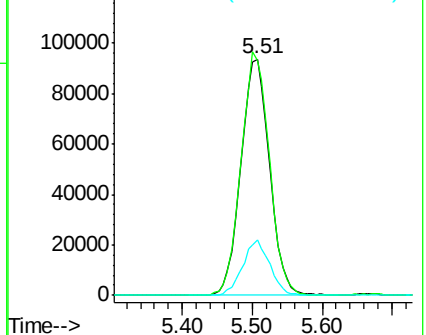
192 22.0 16.7 25.1



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: 2.647 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007306.D

Acq: 30 Jan 2019 11:25

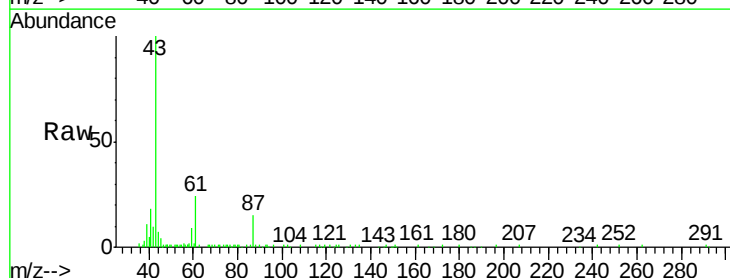
Tgt Ion: 43 Resp: 32920

Ion Ratio Lower Upper

43 100

61 22.6 16.8 25.2

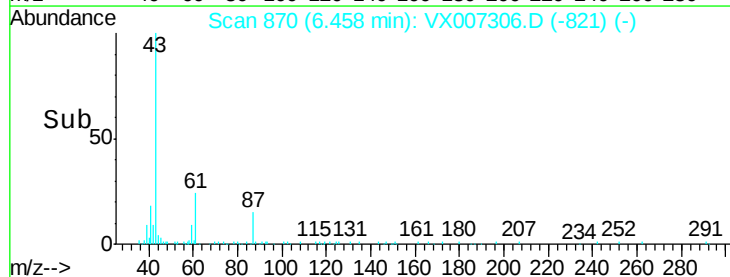
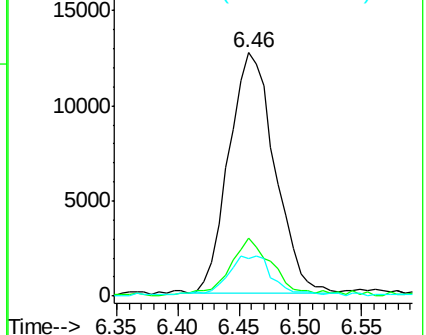
87 17.2 12.4 18.6

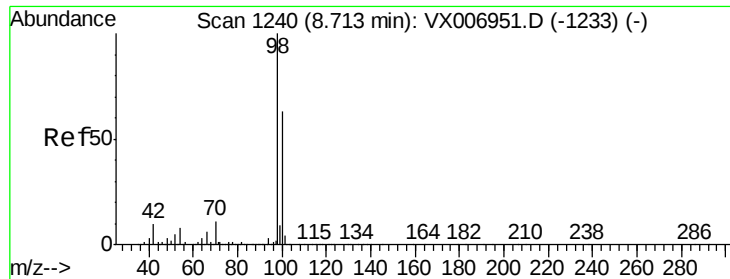


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 52.404 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007306.D

Acq: 30 Jan 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

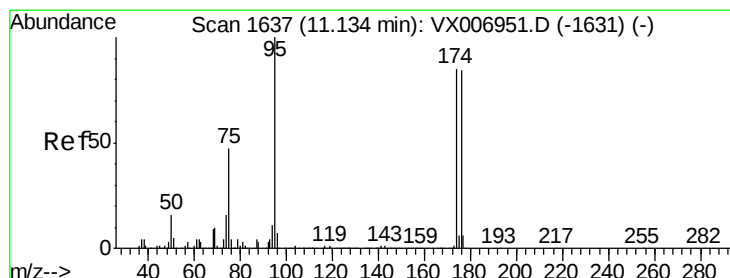
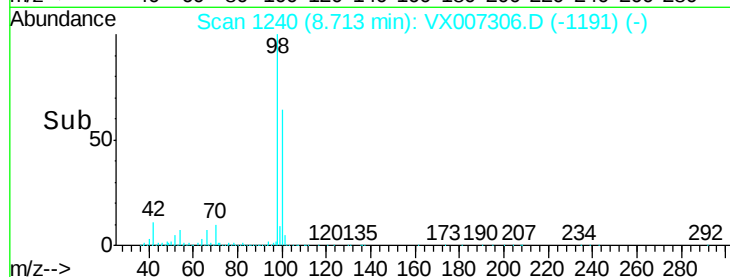
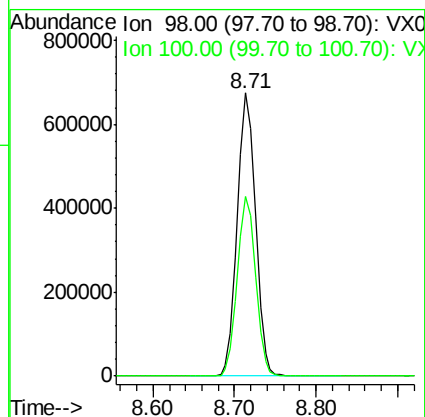
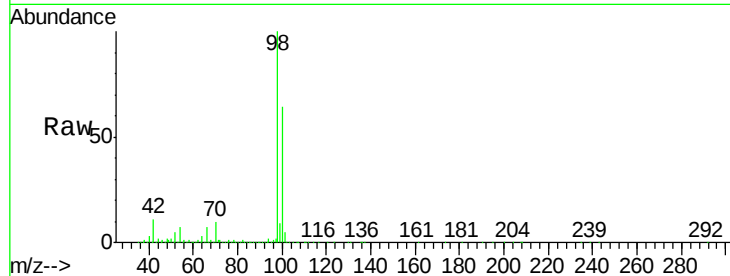
PB116701TB

Tot Ion: 98 Resp: 1039148

Ion Ratio Lower Upper

98 100

100 63.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 53.093 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007306.D

Acq: 30 Jan 2019 11:25

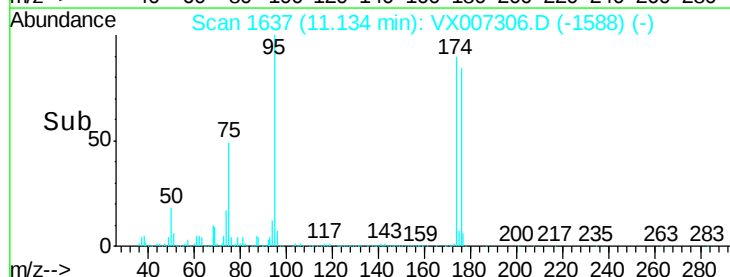
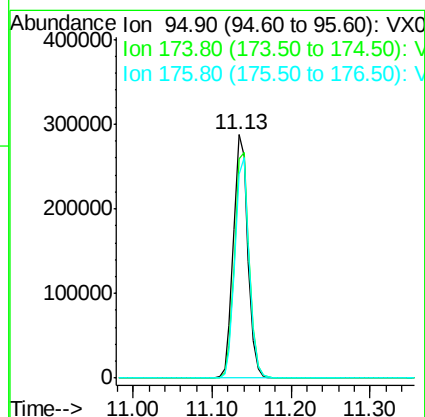
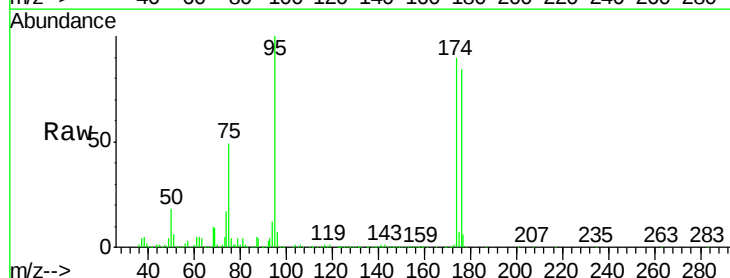
Tgt Ion: 95 Resp: 367033

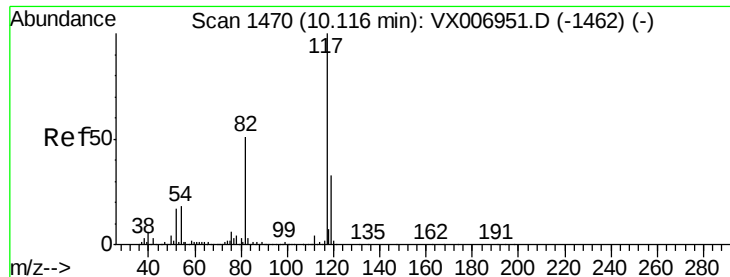
Ion Ratio Lower Upper

95 100

174 93.9 0.0 182.2

176 89.9 0.0 178.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX007306.D

Acq: 30 Jan 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

PB116701TB

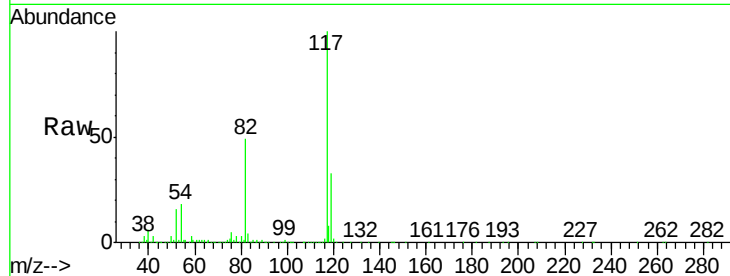
Tot Ion:117 Resp: 814955

Ion Ratio Lower Upper

117 100

82 49.1 41.0 61.6

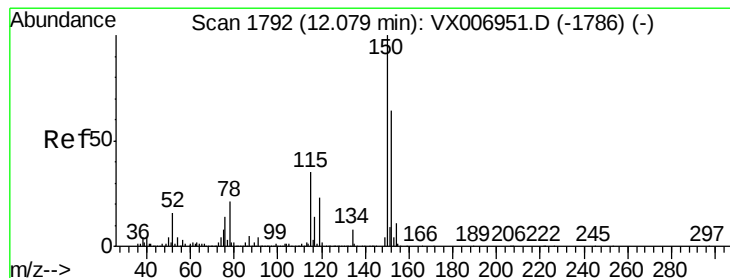
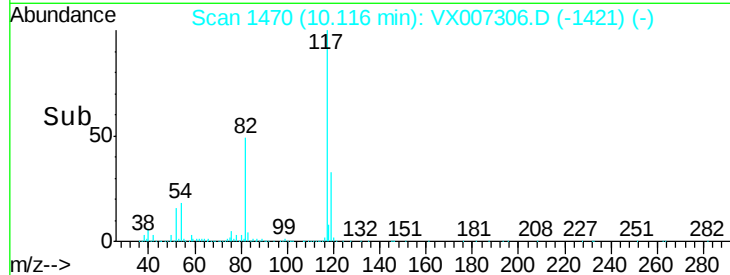
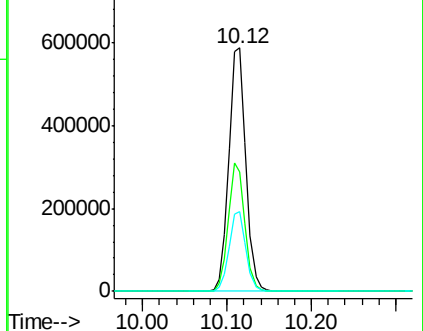
119 32.6 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VX007306.D

Acq: 30 Jan 2019 11:25

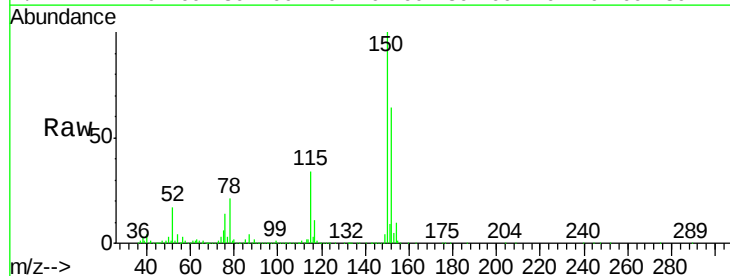
Tgt Ion:152 Resp: 391189

Ion Ratio Lower Upper

152 100

115 54.8 39.1 117.2

150 158.5 0.0 344.8



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

