

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX013019\
 Data File : VX007314.D
 Acq On : 30 Jan 2019 14:58
 Operator : JC/SP
 Sample : PB116701ZHE#08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB116701ZHE#08

Quant Time: Jan 31 04:04:29 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

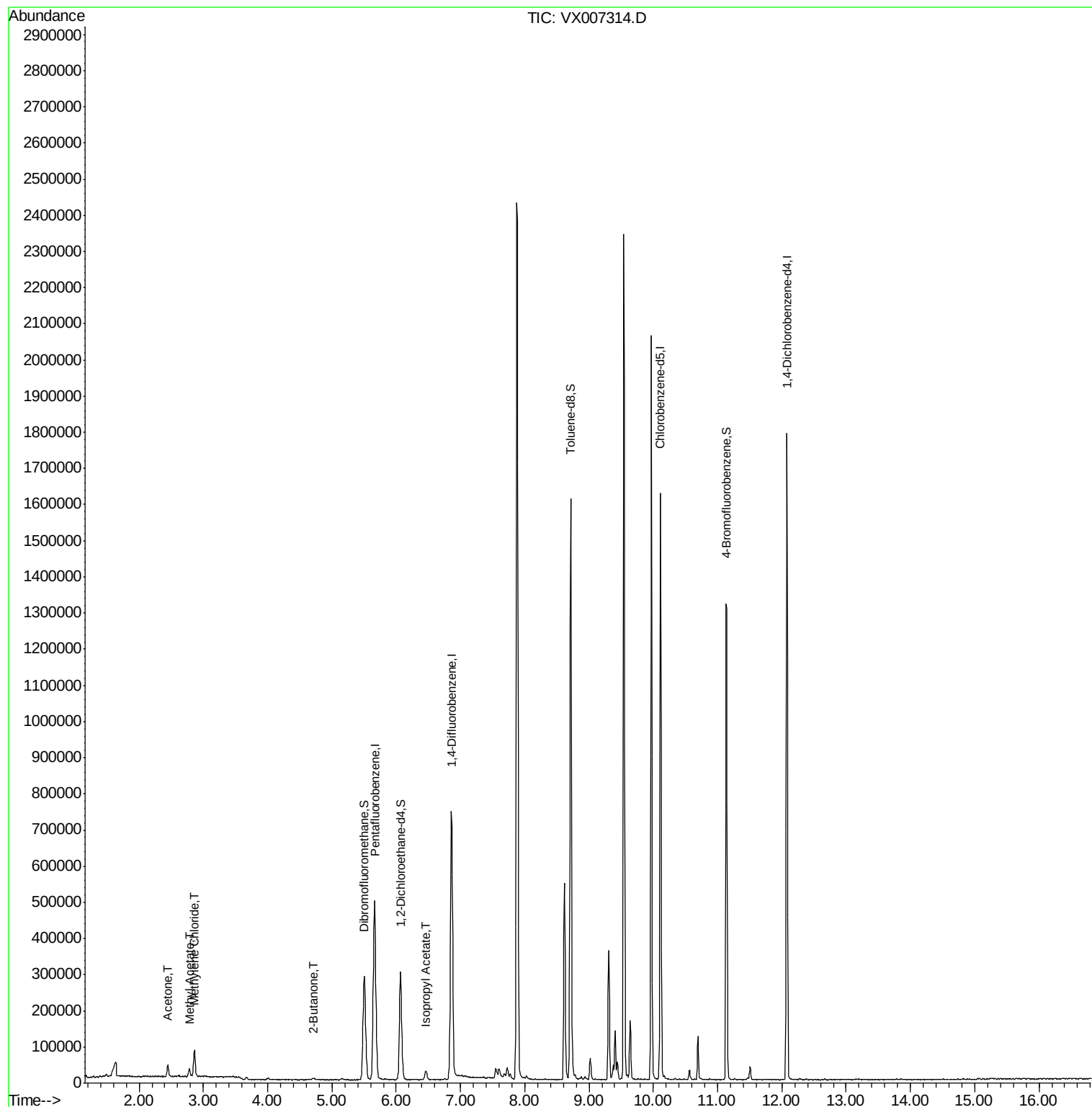
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	511795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	796212	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	780404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	375102	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	272523	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.90%	
35) Dibromofluoromethane	5.51	113	245990	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.48%	
50) Toluene-d8	8.71	98	980274	52.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.04%	
62) 4-Bromofluorobenzene	11.13	95	348724	53.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.20%	
Target Compounds						
16) Acetone	2.45	43	35914	13.582	ug/l	97
18) Methyl Acetate	2.78	43	28768	3.757	ug/l	95
20) Methylene Chloride	2.86	84	33344	6.133	ug/l	95
25) 2-Butanone	4.71	43	7774	2.055	ug/l #	87
43) Isopropyl Acetate	6.46	43	31774	2.714	ug/l	98

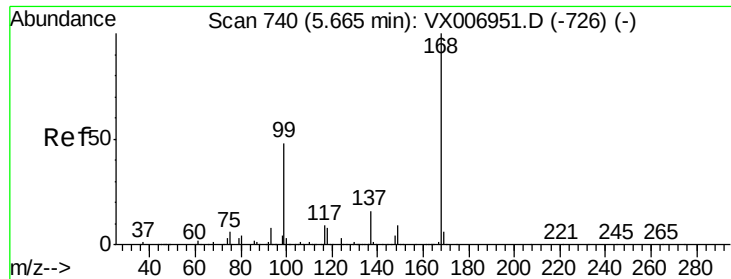
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007314.D

Acq: 30 Jan 2019 14:58

Instrument :

MSVOA_X

ClientSampleId :

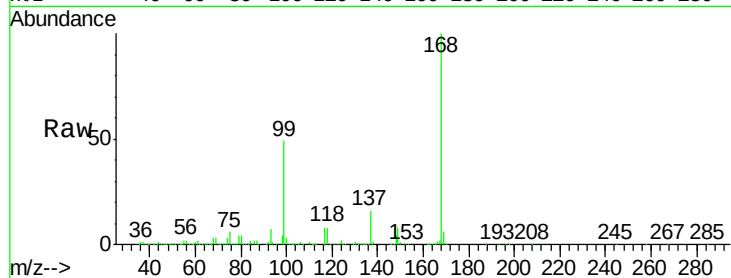
PB116701ZHE#08

Tot Ion:168 Resp: 511795

Ion Ratio Lower Upper

168 100

99 49.0 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

150000

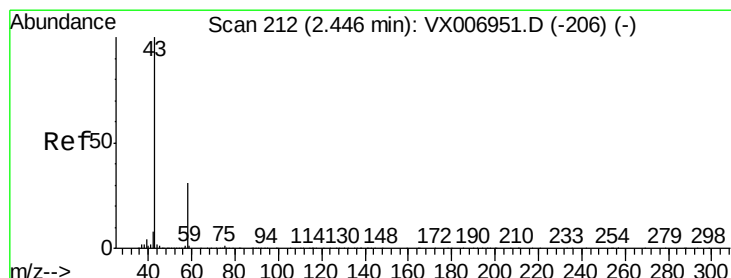
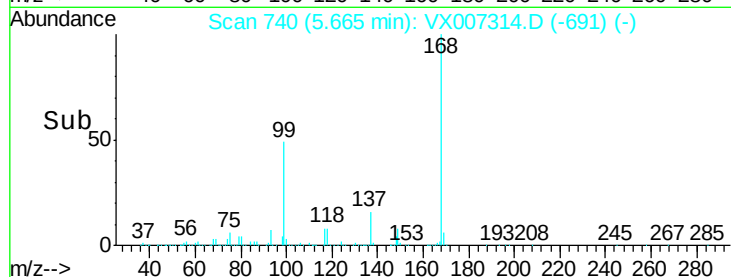
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 13.582 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007314.D

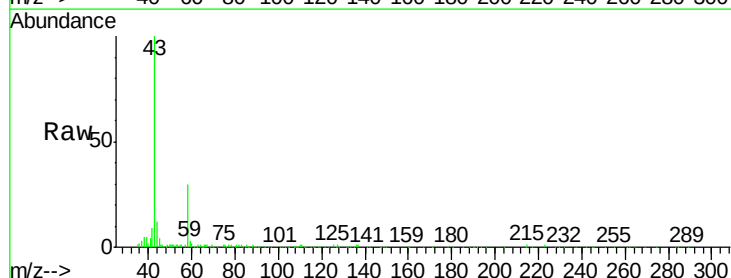
Acq: 30 Jan 2019 14:58

Tgt Ion: 43 Resp: 35914

Ion Ratio Lower Upper

43 100

58 29.5 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

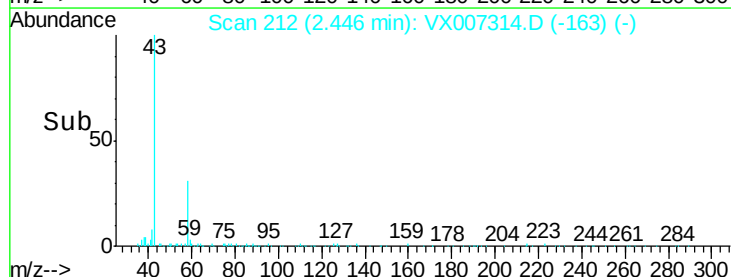
10000

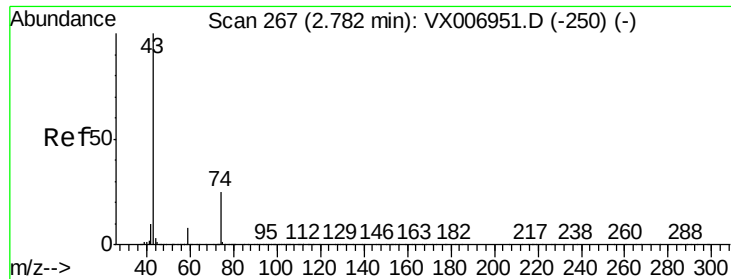
5000

0

2.40 2.45 2.50

Time-->

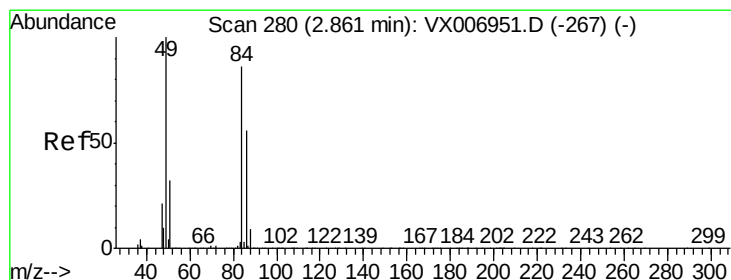
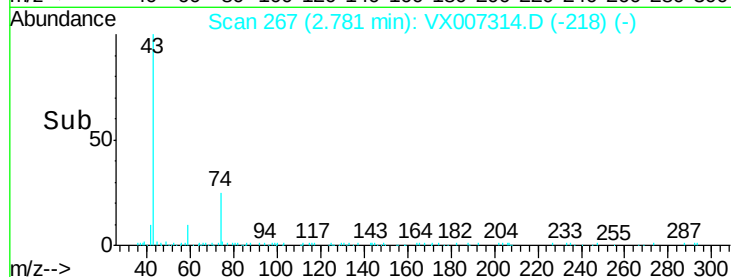
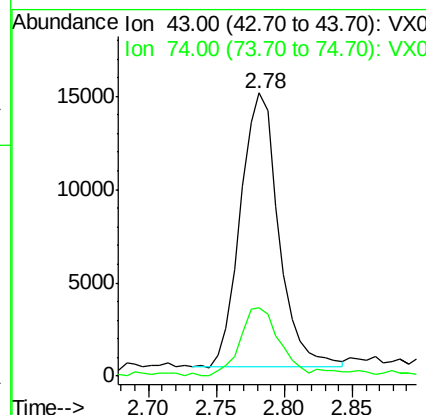
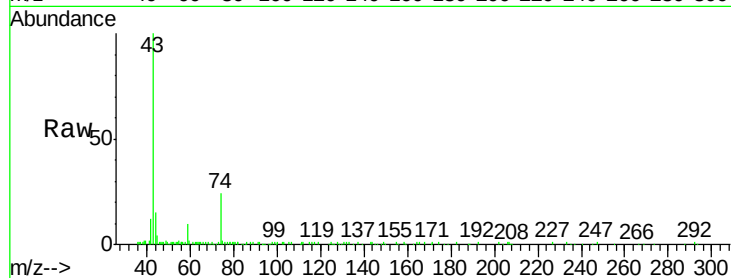




#18
Methyl Acetate
Concen: 3.757 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007314.D
Acq: 30 Jan 2019 14:58

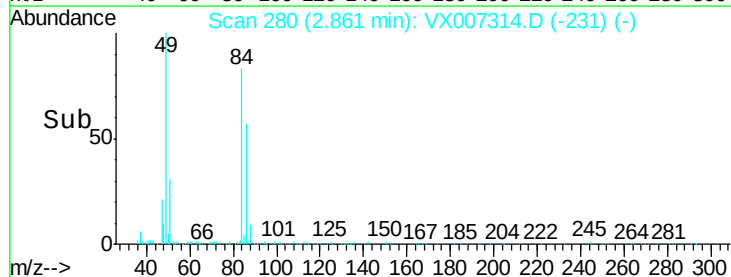
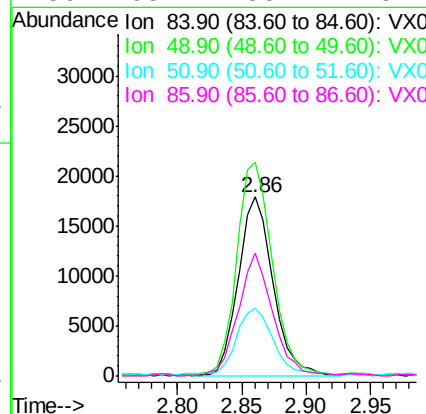
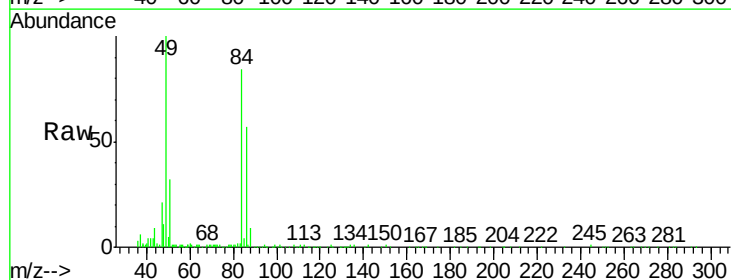
Instrument :
MSVOA_X
ClientSampleId :
PB116701ZHE#08

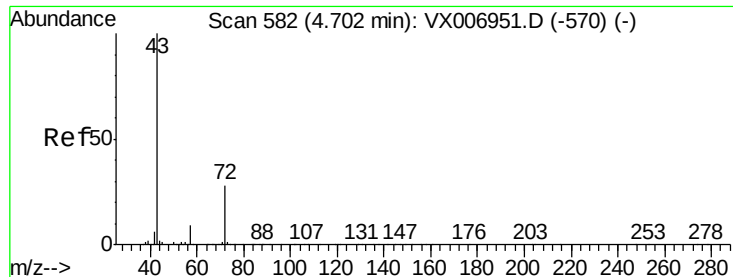
Tot Ion: 43 Resp: 28768
Ion Ratio Lower Upper
43 100
74 25.5 18.6 28.0



#20
Methylene Chloride
Concen: 6.133 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007314.D
Acq: 30 Jan 2019 14:58

Tgt Ion: 84 Resp: 33344
Ion Ratio Lower Upper
84 100
49 119.7 91.8 137.6
51 37.4 28.5 42.7
86 68.1 50.2 75.2





#25

2-Butanone

Concen: 2.055 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX007314.D

Acq: 30 Jan 2019 14:58

Instrument :

MSVOA_X

ClientSampleId :

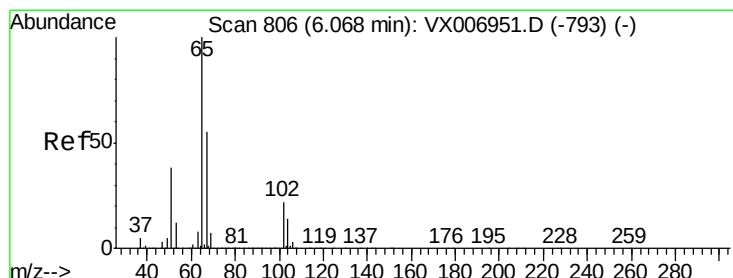
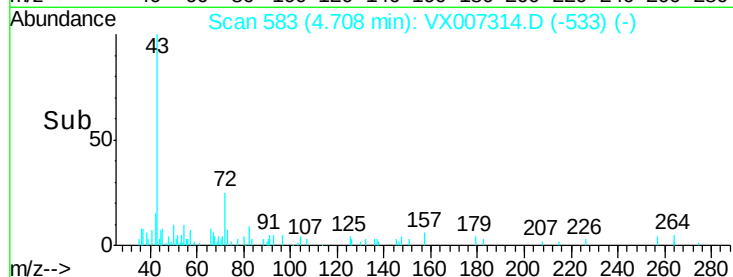
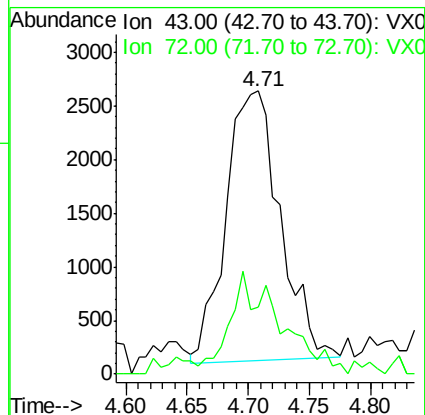
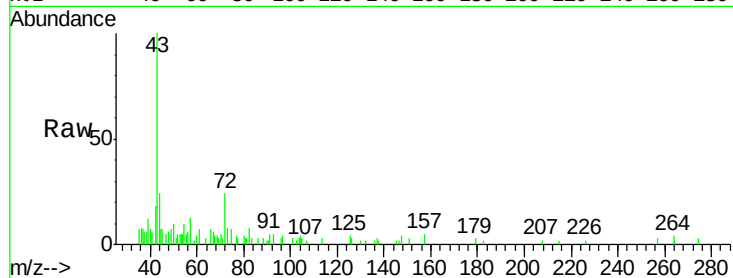
PB116701ZHE#08

Tot Ion: 43 Resp: 7774

Ion Ratio Lower Upper

43 100

72 21.2 22.4 33.6#



#33

1,2-Dichloroethane-d4

Concen: 50.951 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007314.D

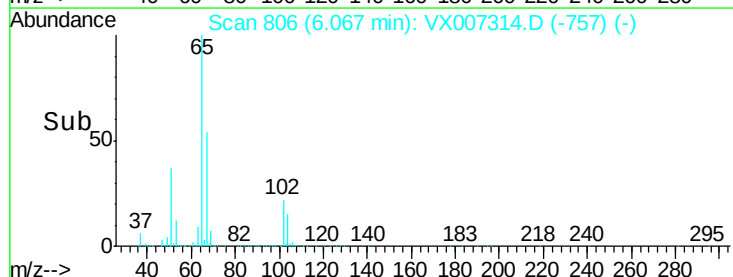
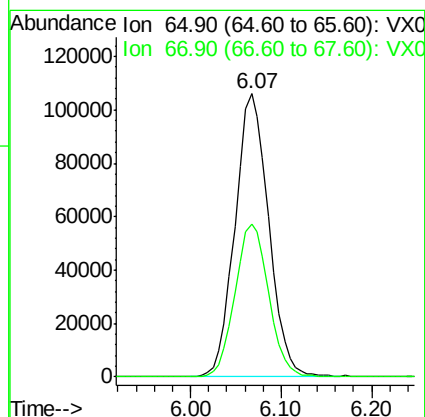
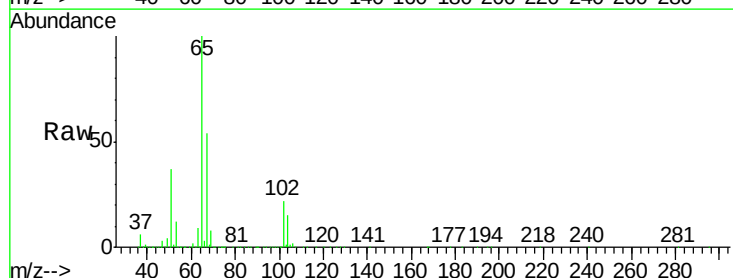
Acq: 30 Jan 2019 14:58

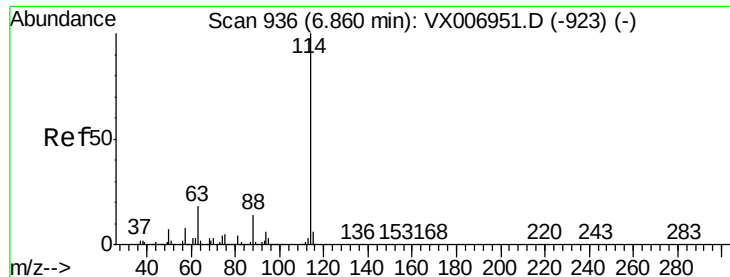
Tgt Ion: 65 Resp: 272523

Ion Ratio Lower Upper

65 100

67 53.9 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: VX007314.D

Acq: 30 Jan 2019 14:58

Instrument :

MSVOA_X

ClientSampleId :

PB116701ZHE#08

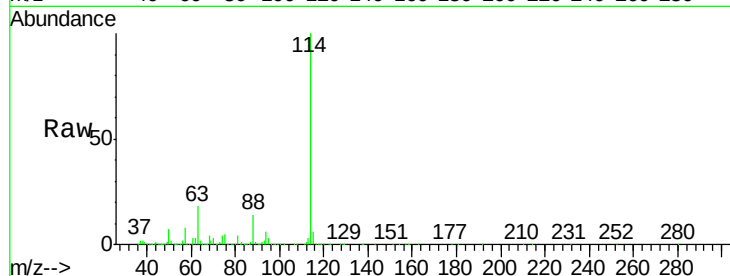
Tot Ion:114 Resp: 796212

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.8

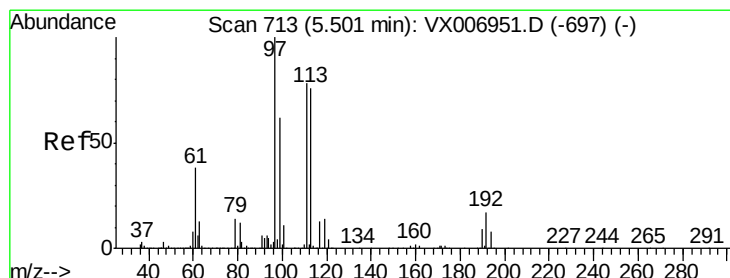
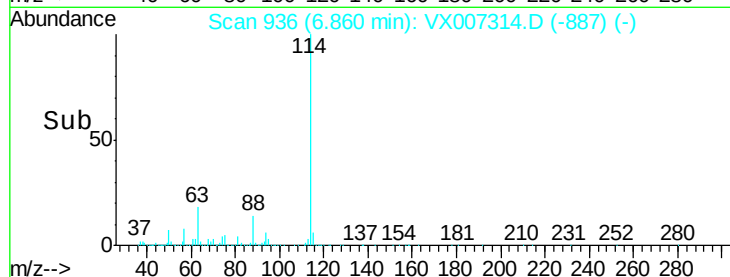
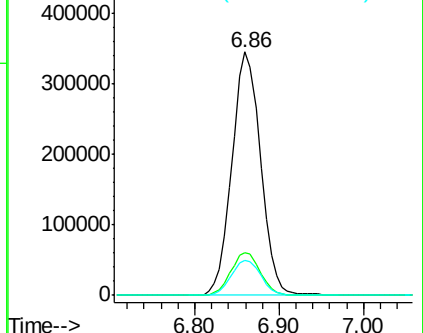
88 14.4 0.0 28.8



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: 48.244 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007314.D

Acq: 30 Jan 2019 14:58

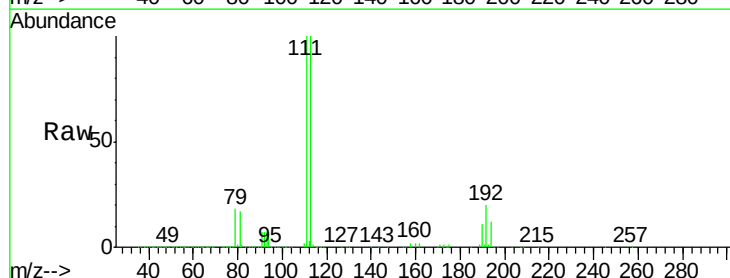
Tgt Ion:113 Resp: 245990

Ion Ratio Lower Upper

113 100

111 102.9 81.6 122.4

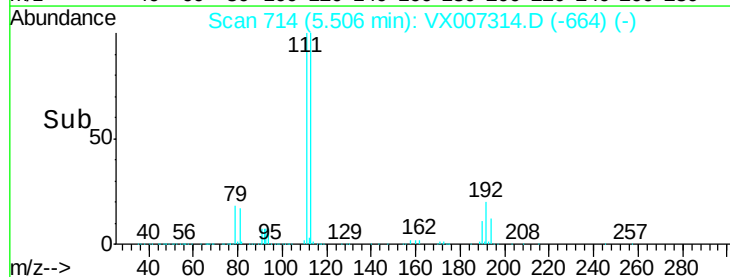
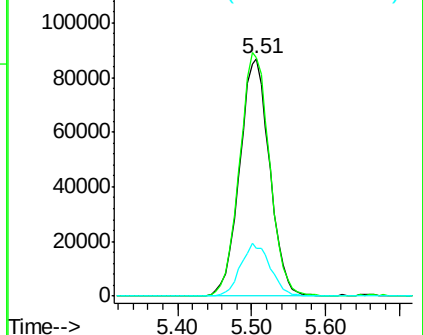
192 22.1 16.7 25.1

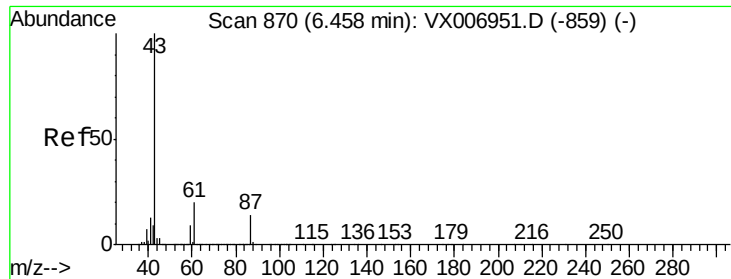


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.714 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007314.D

Acq: 30 Jan 2019 14:58

Instrument :

MSVOA_X

ClientSampleId :

PB116701ZHE#08

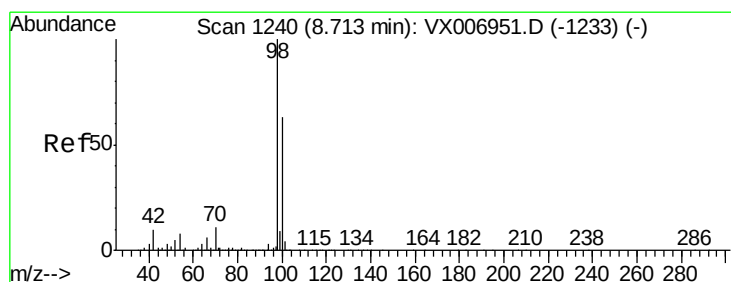
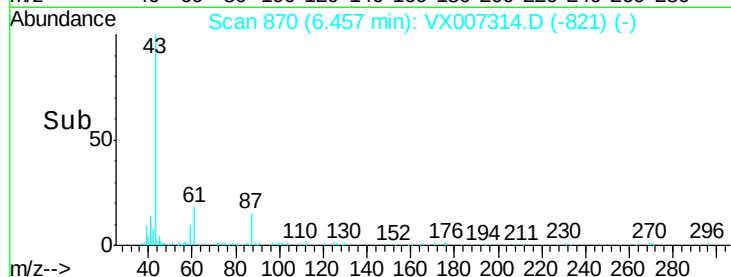
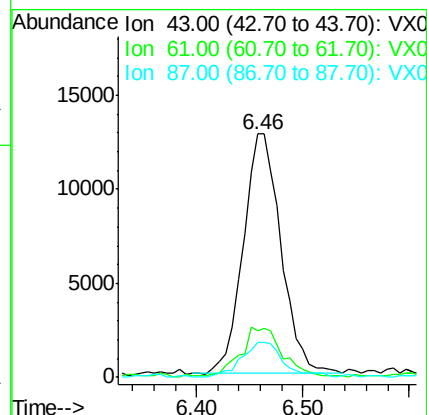
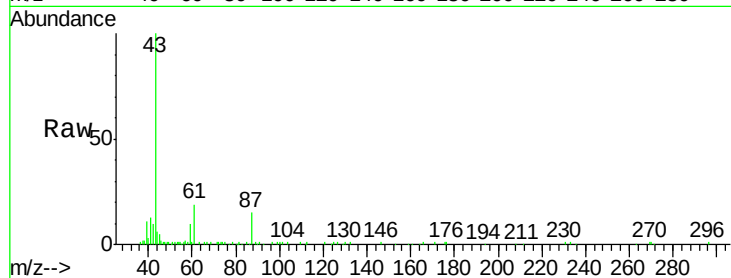
Tot Ion: 43 Resp: 31774

Ion Ratio Lower Upper

43 100

61 21.7 16.8 25.2

87 16.3 12.4 18.6



#50

Toluene-d8

Concen: 52.523 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007314.D

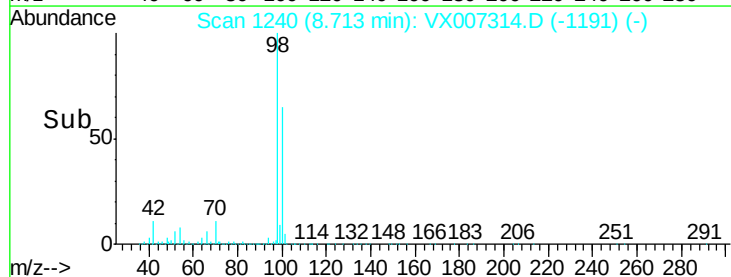
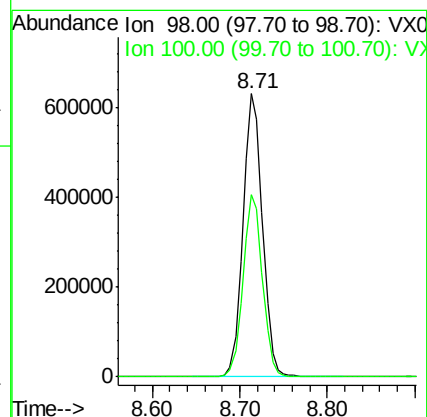
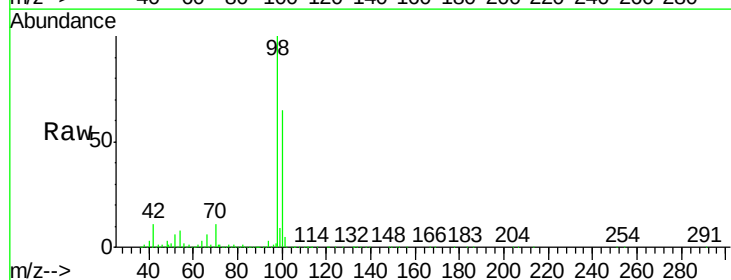
Acq: 30 Jan 2019 14:58

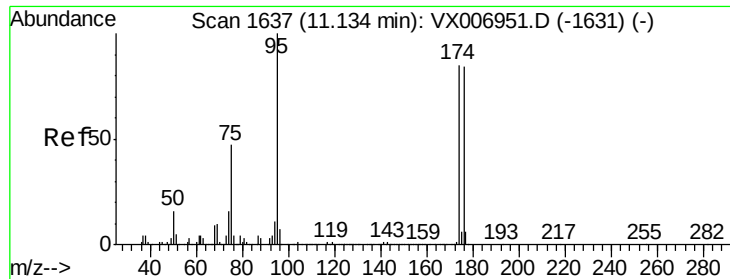
Tgt Ion: 98 Resp: 980274

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 53.596 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007314.D

Acq: 30 Jan 2019 14:58

Instrument :

MSVOA_X

ClientSampleId :

PB116701ZHE#08

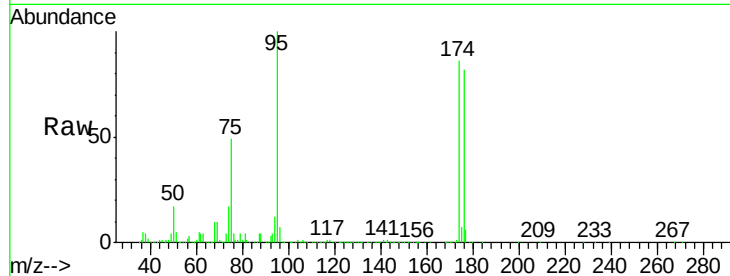
Tot Ion: 95 Resp: 348724

Ion Ratio Lower Upper

95 100

174 92.2 0.0 182.2

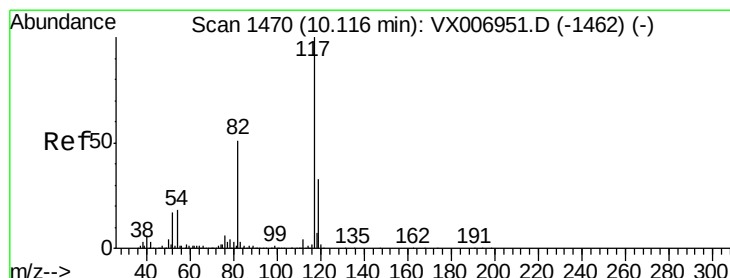
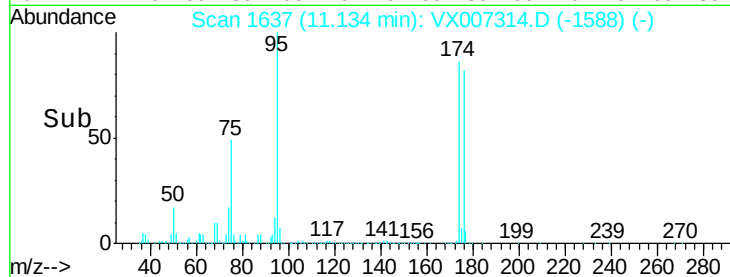
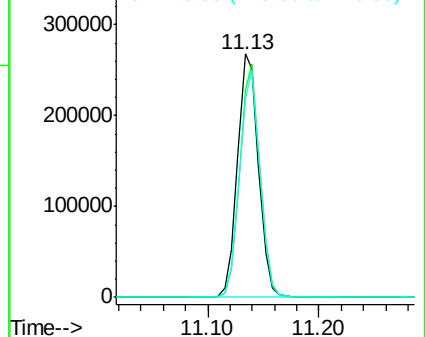
176 90.4 0.0 178.8



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. -0.00 min

Lab File: VX007314.D

Acq: 30 Jan 2019 14:58

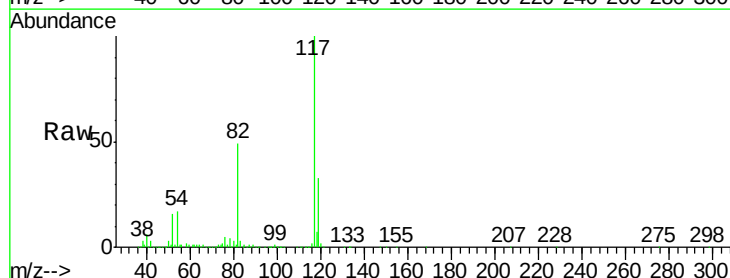
Tgt Ion: 117 Resp: 780404

Ion Ratio Lower Upper

117 100

82 49.4 41.0 61.6

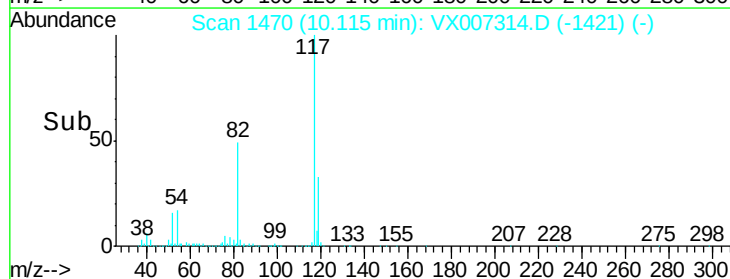
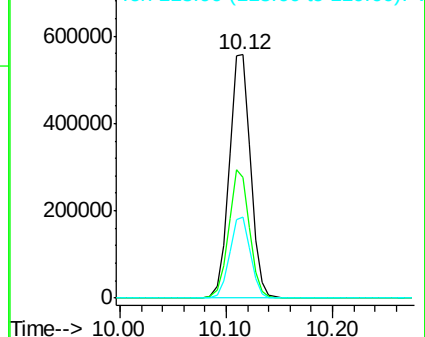
119 33.1 25.4 38.0

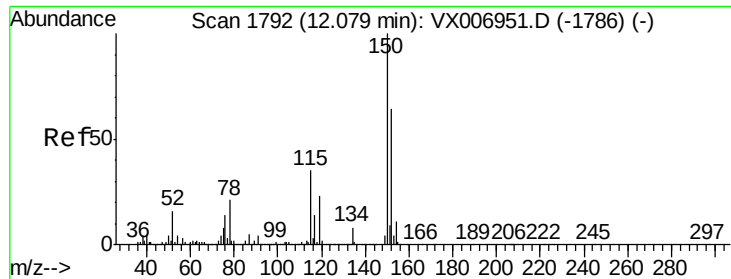


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX007314.D

Acq: 30 Jan 2019 14:58

Instrument :

MSVOA_X

ClientSampleId :

PB116701ZHE#08

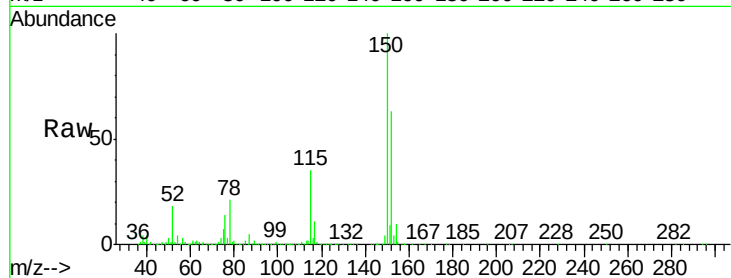
Tot Ion:152 Resp: 375102

Ion Ratio Lower Upper

152 100

115 54.5 39.1 117.2

150 154.8 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

