

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052218\
 Data File : VX001907.D
 Acq On : 22 May 2018 21:25
 Operator : JC/MD
 Sample : PB109525ZHE#14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB109525ZHE#14

Quant Time: May 23 02:26:31 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

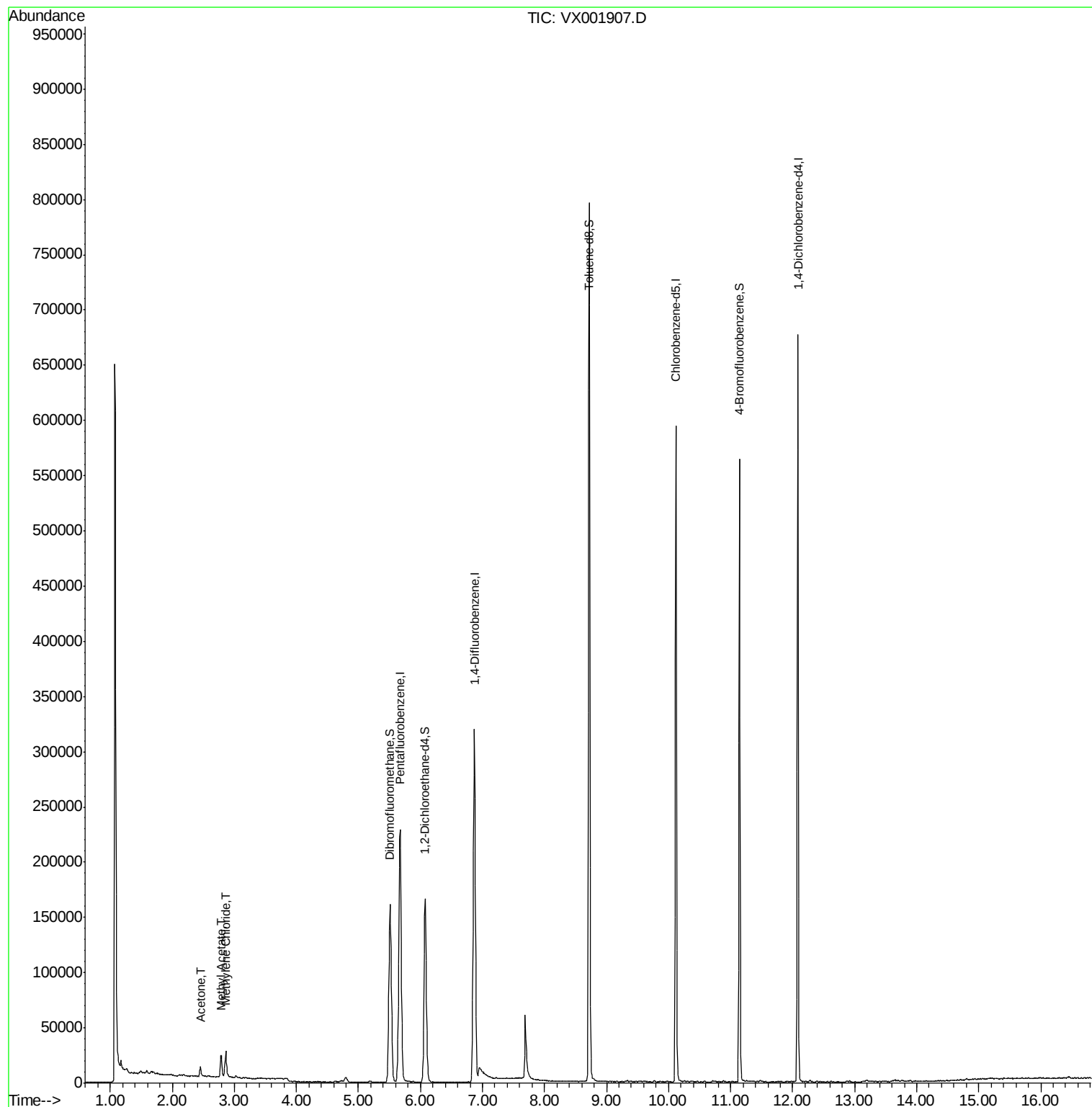
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	240060	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	328534	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	283387	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	147242	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	158897	49.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.76%	
35) Dibromofluoromethane	5.51	113	131838	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.10%	
50) Toluene-d8	8.72	98	466330	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.92%	
62) 4-Bromofluorobenzene	11.14	95	138974	38.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.74%	
Target Compounds						
16) Acetone	2.45	43	8784	6.95	ug/l	95
18) Methyl Acetate	2.78	43	24224	6.56	ug/l	100
20) Methylene Chloride	2.86	84	10791	3.99	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

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ClientSampleId :

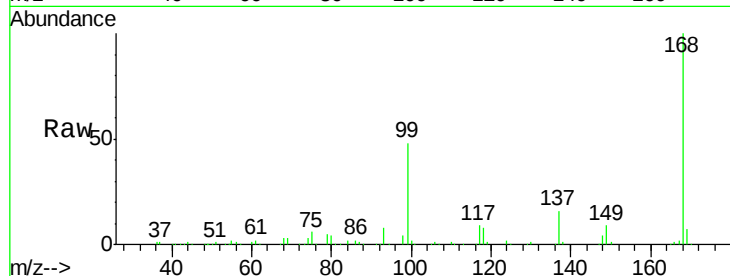
PB109525ZHE#14

Tot Ion:168 Resp: 240060

Ion Ratio Lower Upper

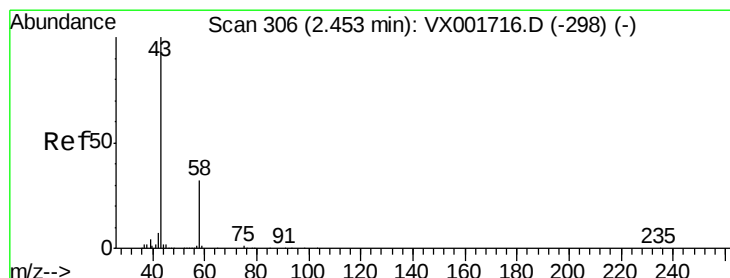
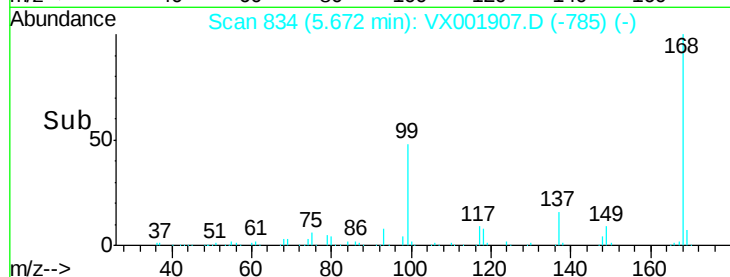
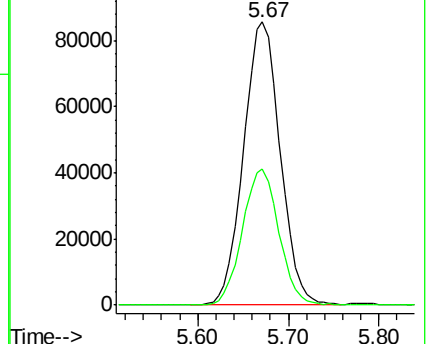
168 100

99 47.9 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 6.95 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001907.D

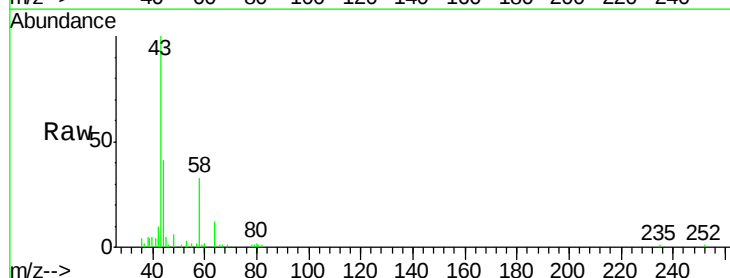
Acq: 22 May 2018 21:25

Tgt Ion: 43 Resp: 8784

Ion Ratio Lower Upper

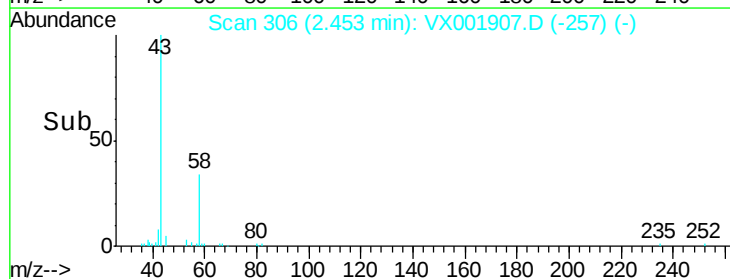
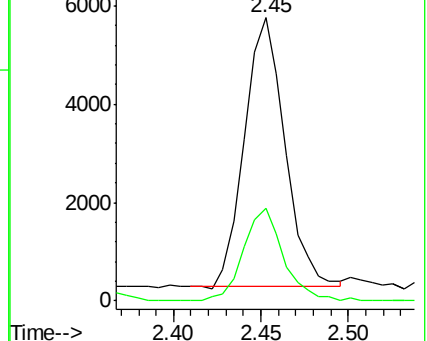
43 100

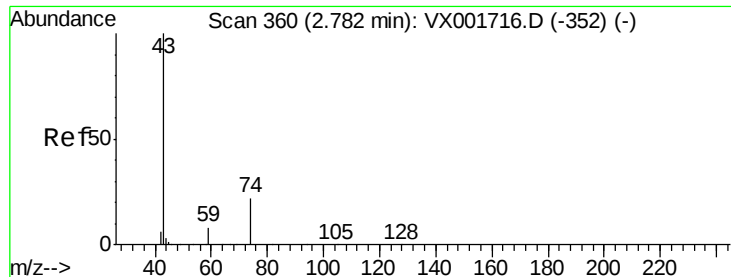
58 34.2 25.3 37.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

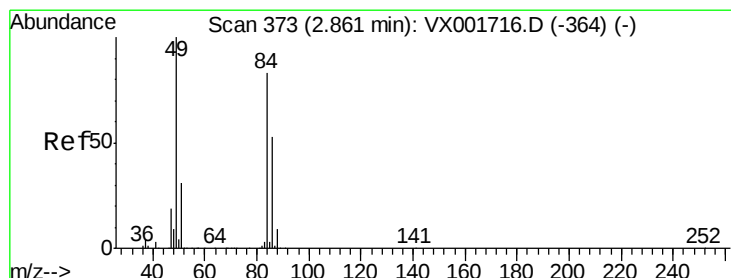
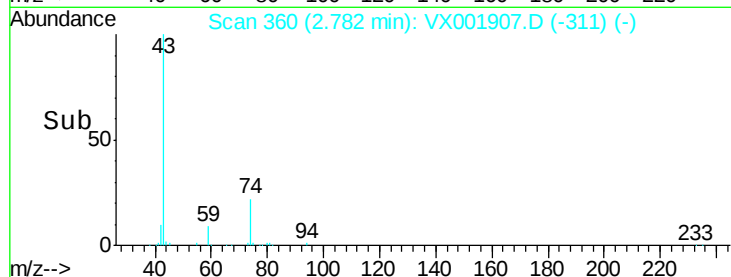
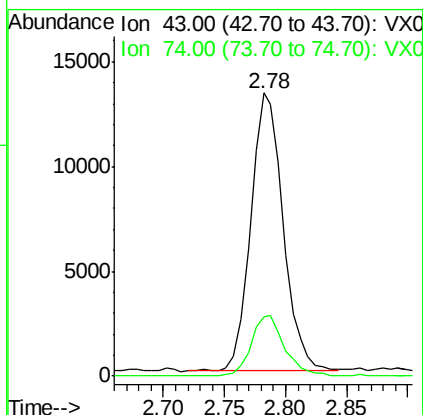
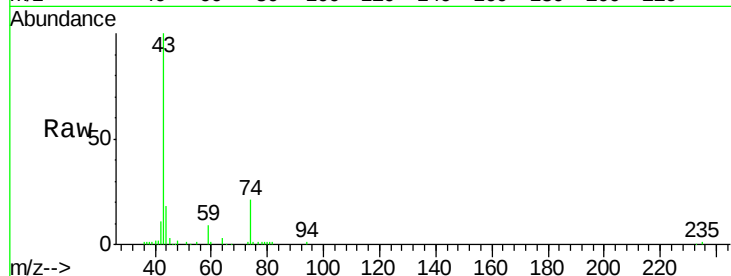




#18
Methvl Acetate
Concen: 6.56 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001907.D
Acq: 22 May 2018 21:25

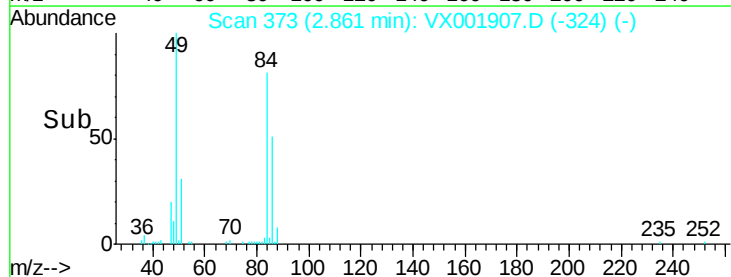
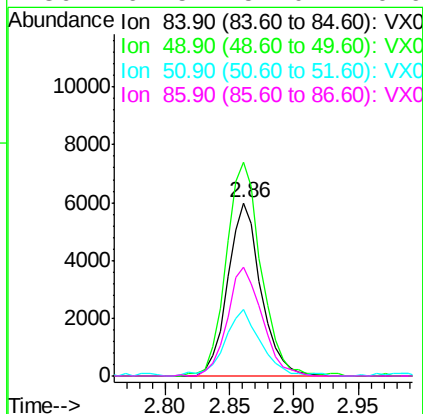
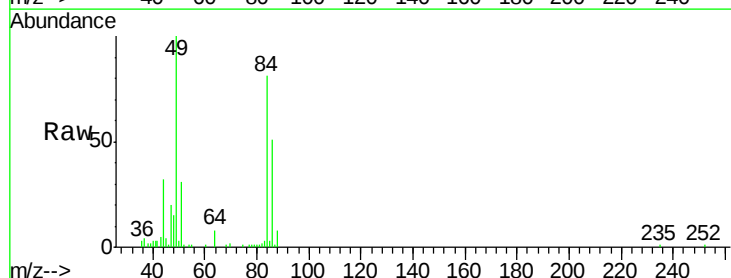
Instrument :
MSVOA_X
ClientSampleId :
PB109525ZHE#14

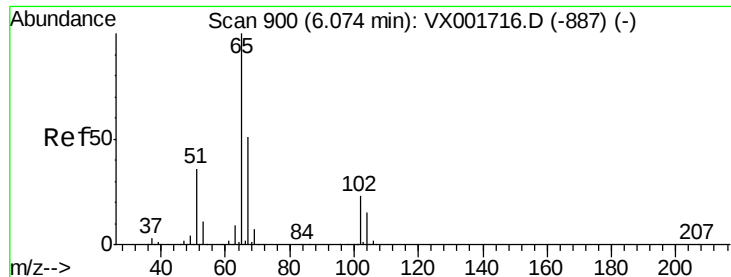
Tot Ion: 43 Resp: 24224
Ion Ratio Lower Upper
43 100
74 22.5 18.2 27.2



#20
Methylene Chloride
Concen: 3.99 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001907.D
Acq: 22 May 2018 21:25

Tgt Ion: 84 Resp: 10791
Ion Ratio Lower Upper
84 100
49 122.1 96.3 144.5
51 38.6 29.8 44.6
86 62.5 51.0 76.6

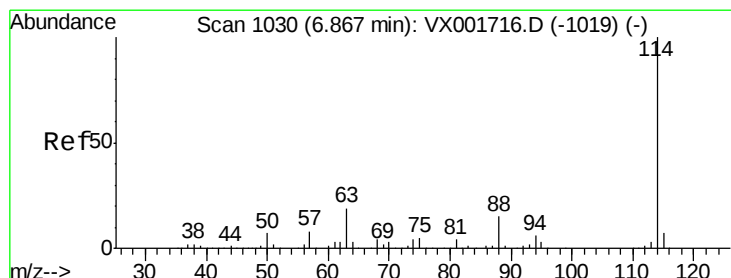
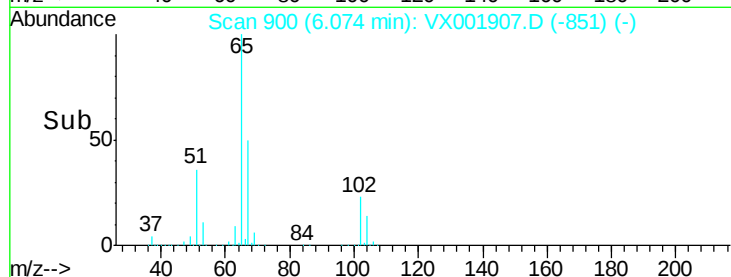
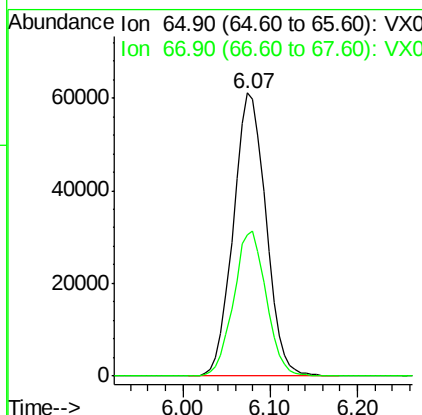
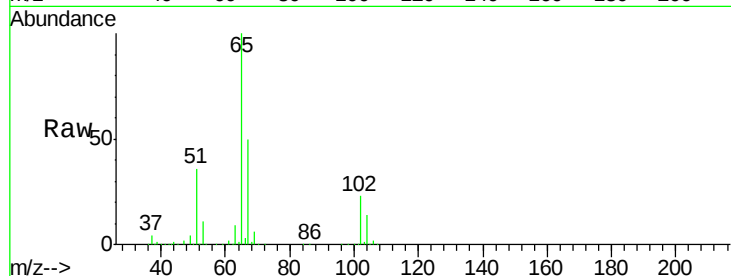




#33
 1,2-Dichloroethane-d4
 Concen: 49.38 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001907.D
 Acq: 22 May 2018 21:25

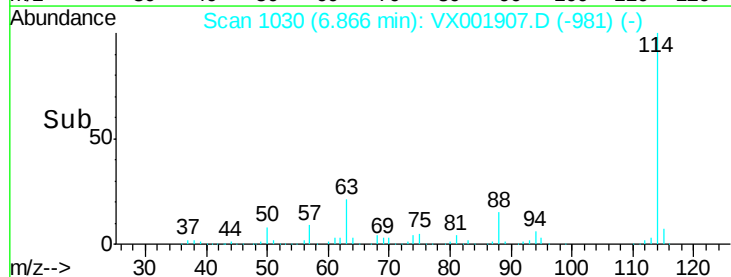
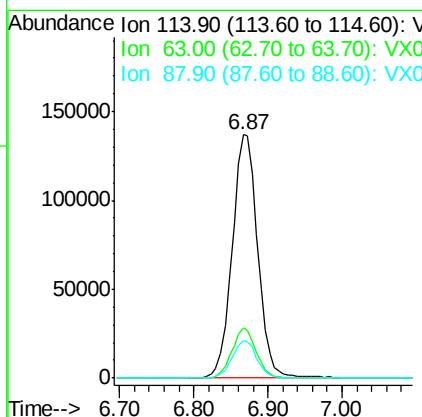
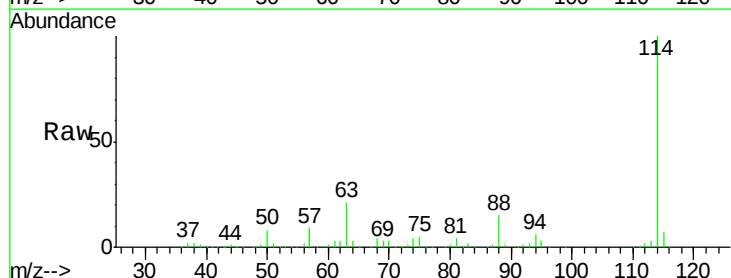
Instrument :
 MSVOA_X
 ClientSampleId :
 PB109525ZHE#14

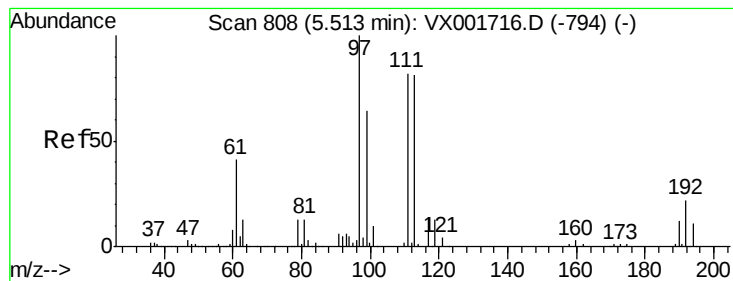
Tot Ion: 65 Resp: 158897
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001907.D
 Acq: 22 May 2018 21:25

Tgt Ion: 114 Resp: 328534
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 37.0
 88 15.2 0.0 29.8





#35

Dibromofluoromethane

Concen: 47.55 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001907.D

Acq: 22 May 2018 21:25

Instrument :

MSVOA_X

ClientSampleId :

PB109525ZHE#14

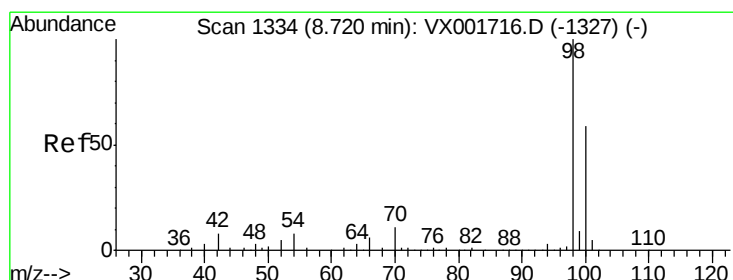
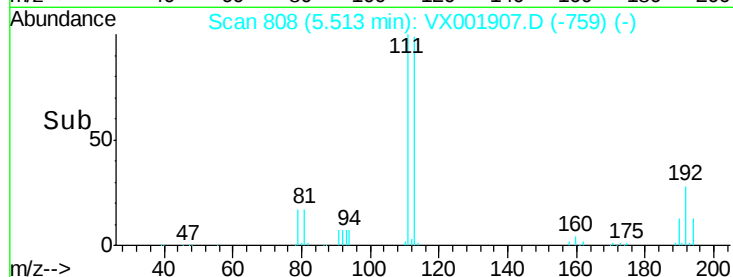
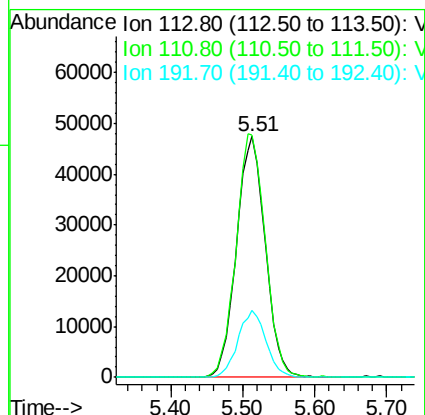
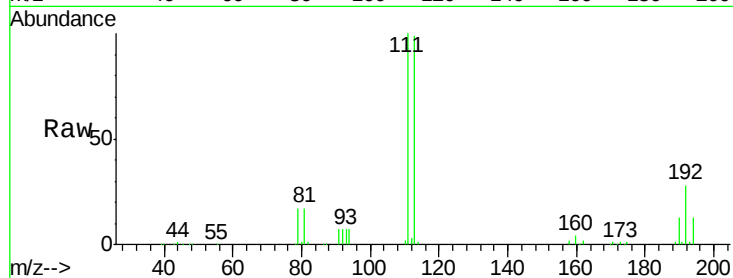
Tot Ion:113 Resp: 131838

Ion Ratio Lower Upper

113 100

111 102.5 82.0 123.0

192 27.1 21.6 32.4



#50

Toluene-d8

Concen: 46.96 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001907.D

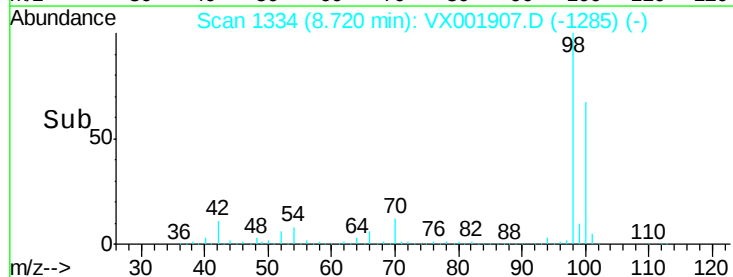
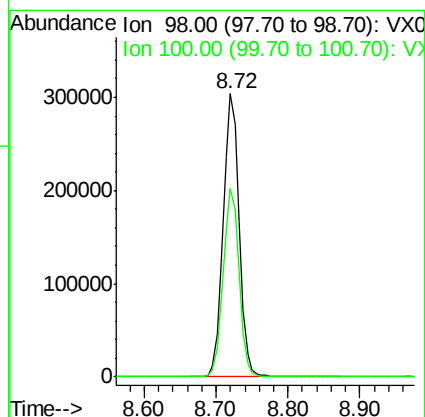
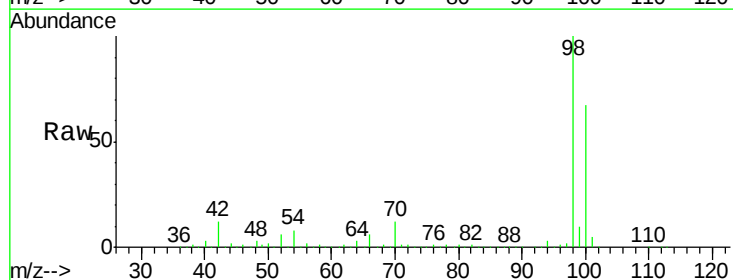
Acq: 22 May 2018 21:25

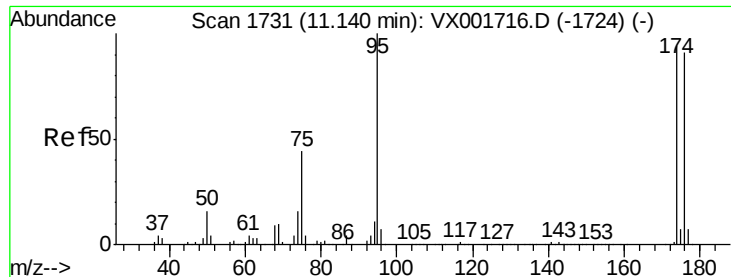
Tgt Ion: 98 Resp: 466330

Ion Ratio Lower Upper

98 100

100 66.5 54.0 81.0





#62

4-Bromofluorobenzene

Concen: 38.87 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001907.D

Acq: 22 May 2018 21:25

Instrument :

MSVOA_X

ClientSampleId :

PB109525ZHE#14

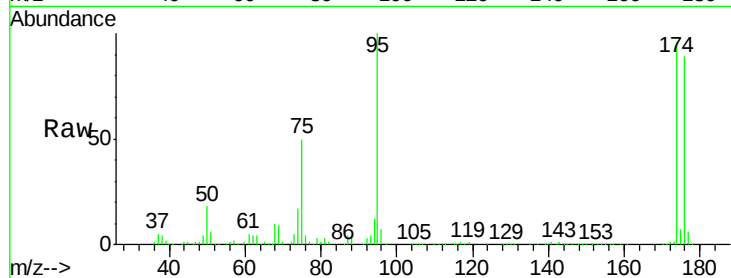
Tot Ion: 95 Resp: 138974

Ion Ratio Lower Upper

95 100

174 104.5 0.0 201.8

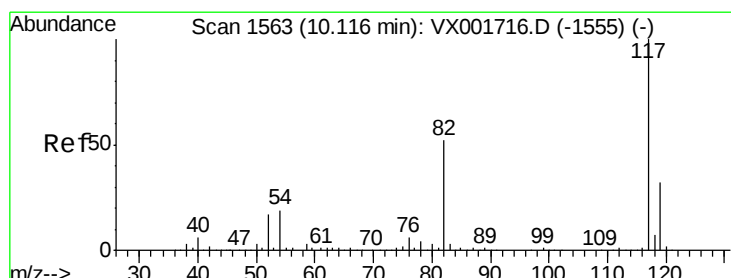
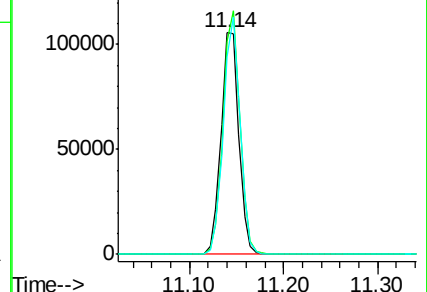
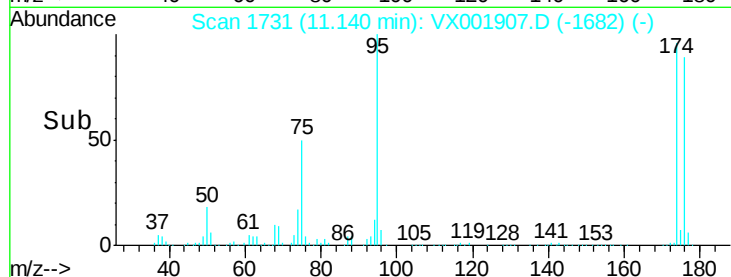
176 100.6 0.0 196.8



Abundance Ion 94.90 (94.60 to 95.60): VX001907.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX001907.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX001907.D (-1682) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX001907.D

Acq: 22 May 2018 21:25

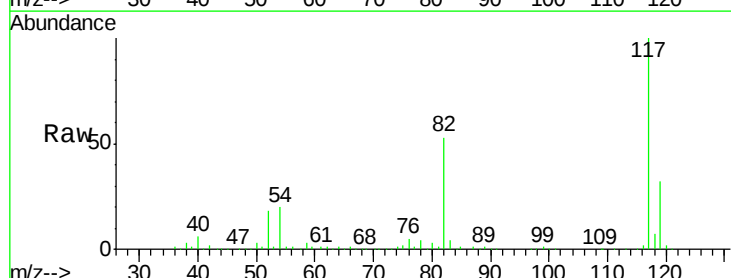
Tgt Ion: 117 Resp: 283387

Ion Ratio Lower Upper

117 100

82 52.5 41.4 62.2

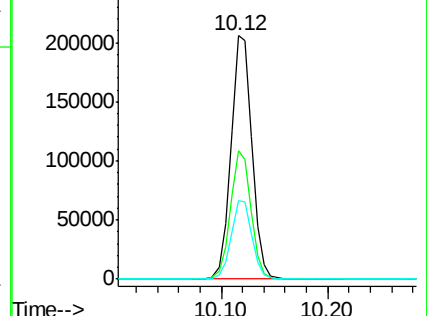
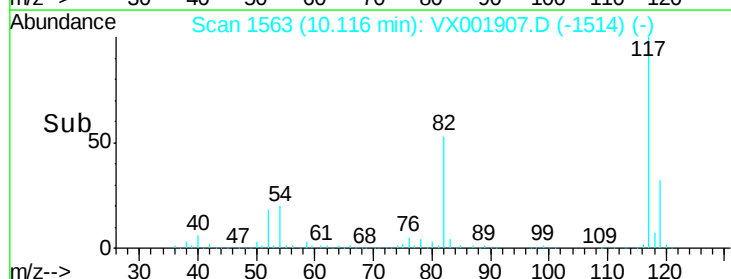
119 32.3 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): VX001907.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX001907.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX001907.D (-1514) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001907.D

Acq: 22 May 2018 21:25

Instrument :

MSVOA_X

ClientSampleId :

PB109525ZHE#14

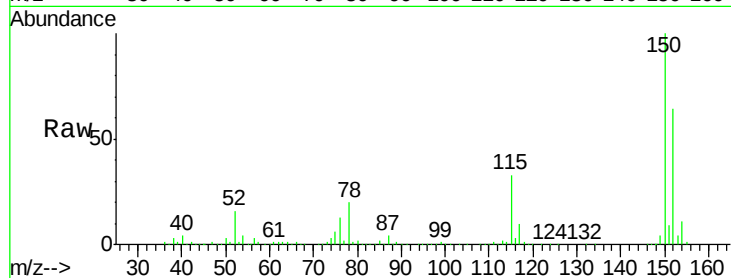
Tot Ion:152 Resp: 147242

Ion Ratio Lower Upper

152 100

115 52.8 37.4 112.2

150 157.1 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

