

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052218\
 Data File : VX001922.D
 Acq On : 23 May 2018 04:32
 Operator : JC/MD
 Sample : PB109456ZHE#02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB109456ZHE#02

Quant Time: May 23 05:05:04 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

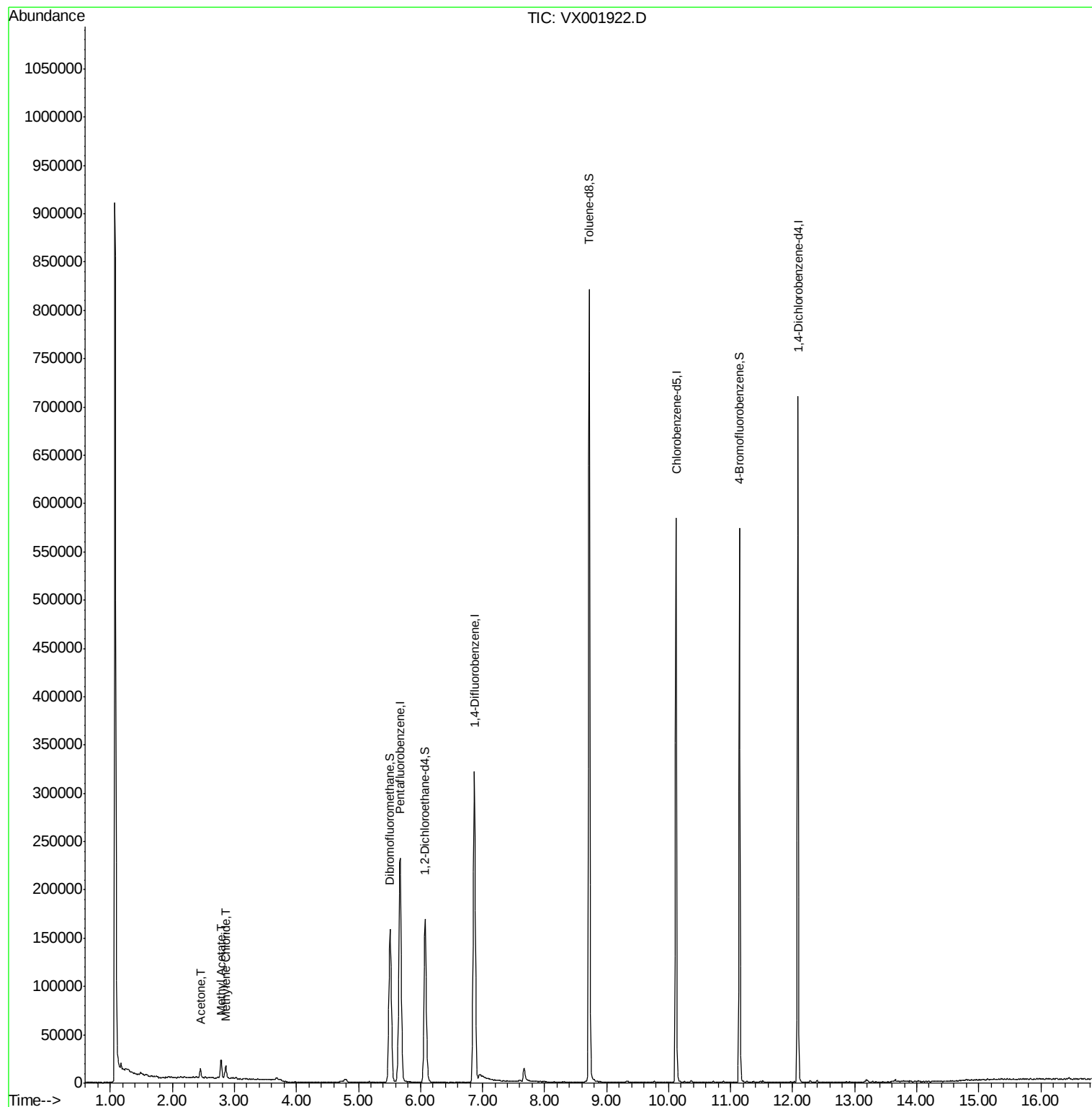
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	248817	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	339854	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	283072	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	152576	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	157540	47.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.48%	
35) Dibromofluoromethane	5.51	113	131827	45.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.92%	
50) Toluene-d8	8.72	98	480532	46.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.56%	
62) 4-Bromofluorobenzene	11.15	95	142112	38.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.84%	
Target Compounds						
16) Acetone	2.45	43	9705	7.41	ug/l	99
18) Methyl Acetate	2.78	43	22130	5.78	ug/l	98
20) Methylene Chloride	2.86	84	5835	2.08	ug/l	94

(#) = 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

Lab File: VX001922.D

Acq: 23 May 2018 04:32

Instrument :

MSVOA_X

ClientSampleId :

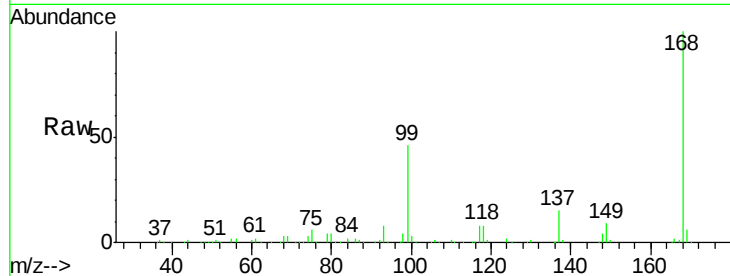
PB109456ZHE#02

Tot Ion:168 Resp: 248817

Ion Ratio Lower Upper

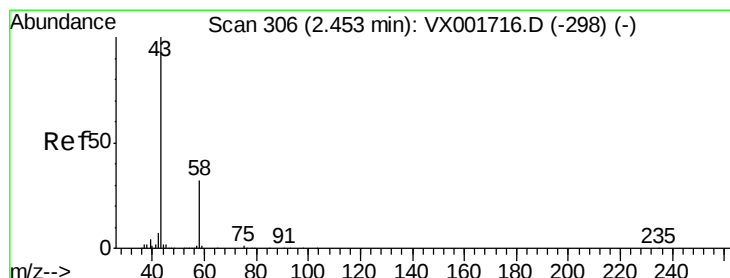
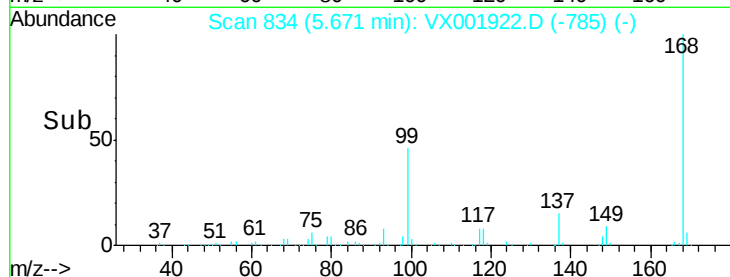
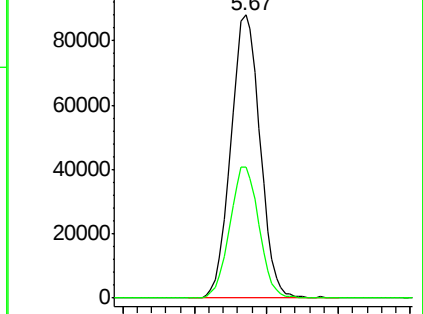
168 100

99 46.1 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: 7.41 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001922.D

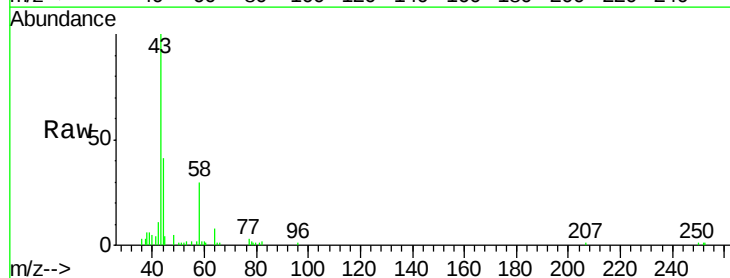
Acq: 23 May 2018 04:32

Tgt Ion: 43 Resp: 9705

Ion Ratio Lower Upper

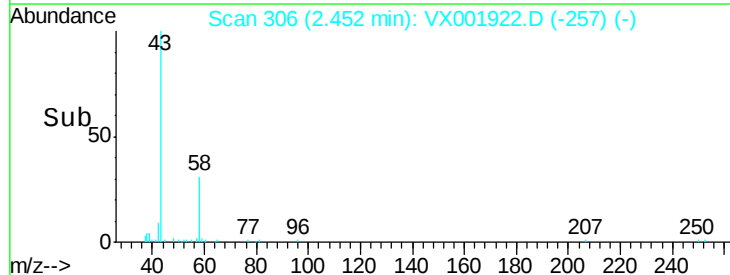
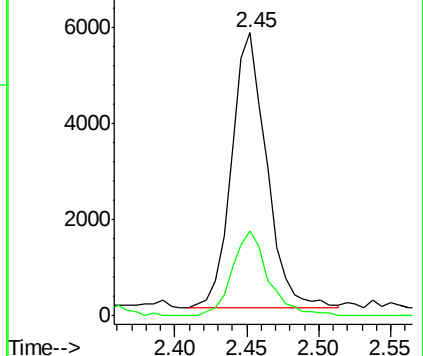
43 100

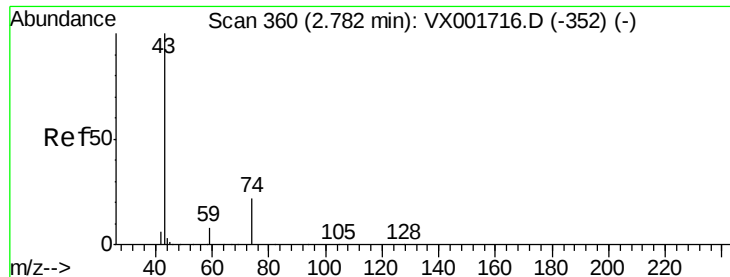
58 30.8 25.3 37.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

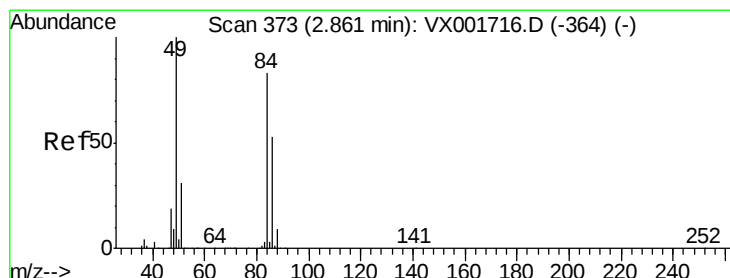
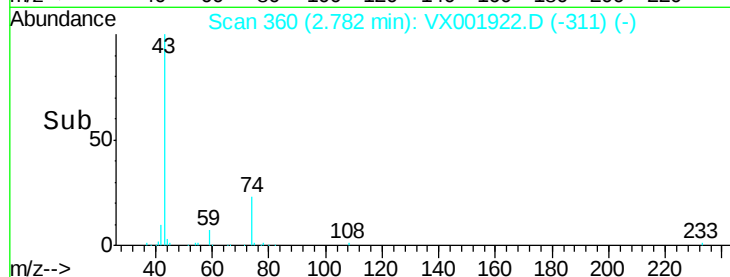
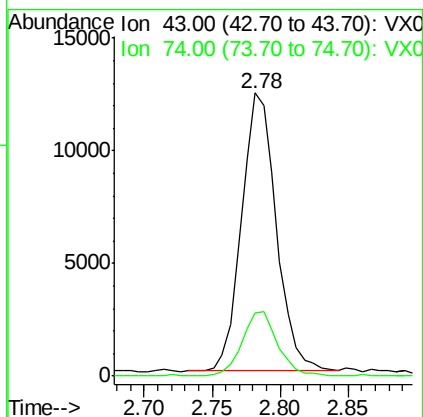
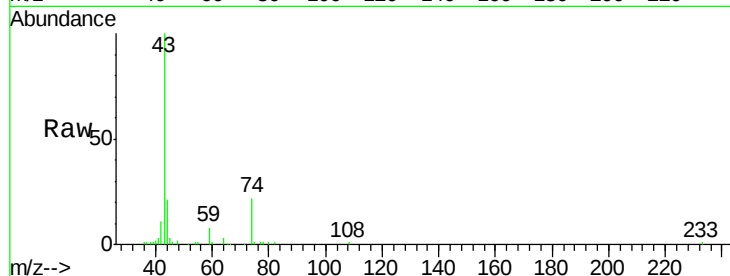




#18
Methvl Acetate
Concen: 5.78 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001922.D
Acq: 23 May 2018 04:32

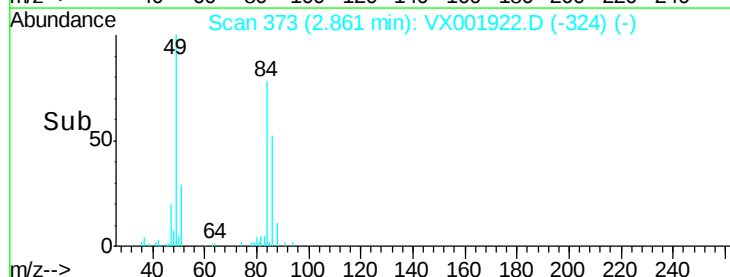
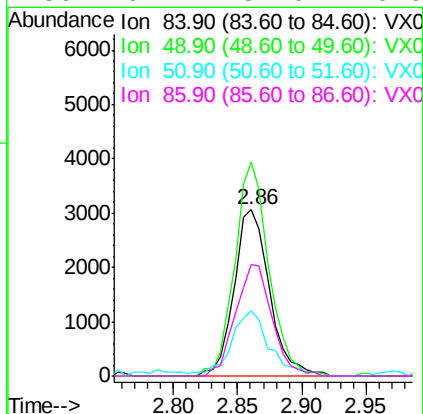
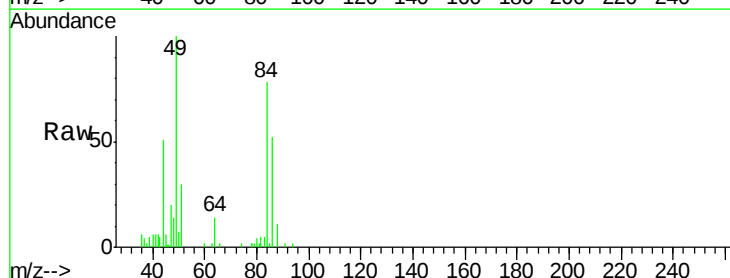
Instrument :
MSVOA_X
ClientSampleId :
PB109456ZHE#02

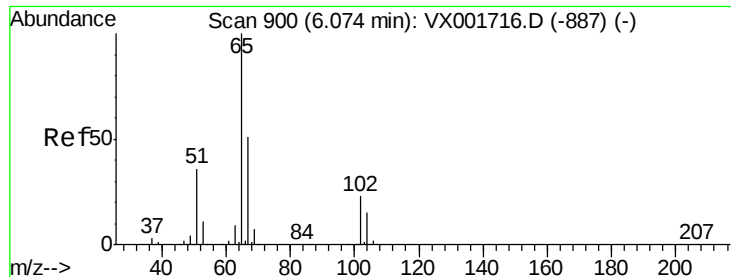
Tot Ion: 43 Resp: 22130
Ion Ratio Lower Upper
43 100
74 23.7 18.2 27.2



#20
Methylene Chloride
Concen: 2.08 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001922.D
Acq: 23 May 2018 04:32

Tgt Ion: 84 Resp: 5835
Ion Ratio Lower Upper
84 100
49 128.4 96.3 144.5
51 39.1 29.8 44.6
86 67.2 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 47.24 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001922.D

Acq: 23 May 2018 04:32

Instrument :

MSVOA_X

ClientSampleId :

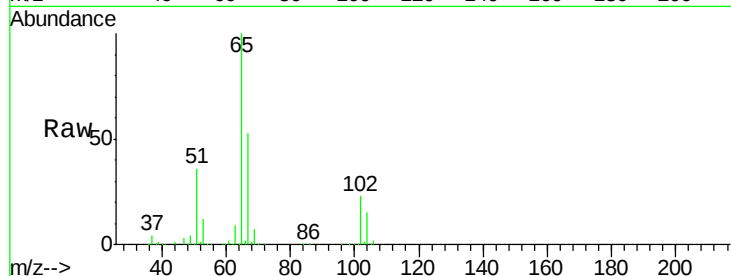
PB109456ZHE#02

Tot Ion: 65 Resp: 157540

Ion Ratio Lower Upper

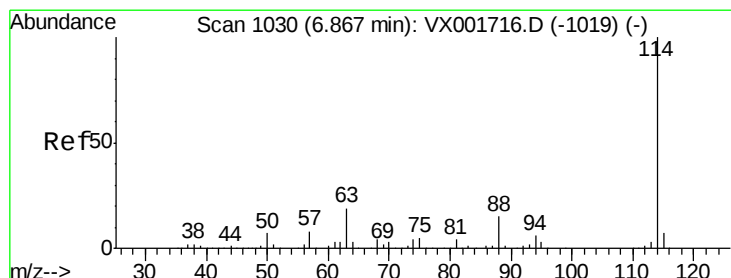
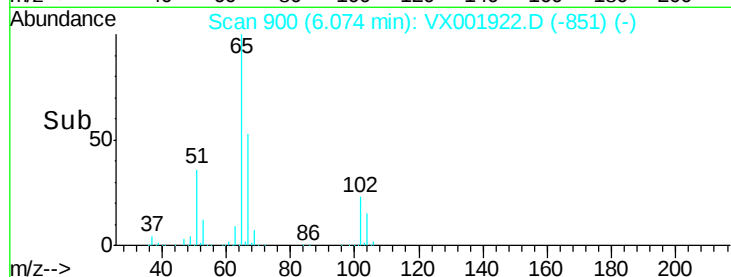
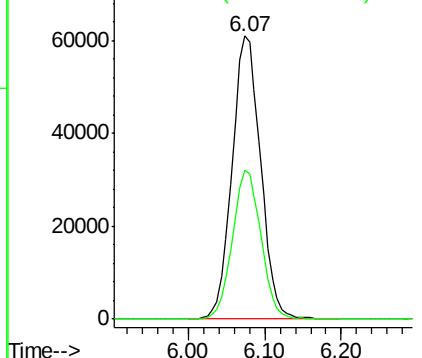
65 100

67 52.6 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001922.D

Acq: 23 May 2018 04:32

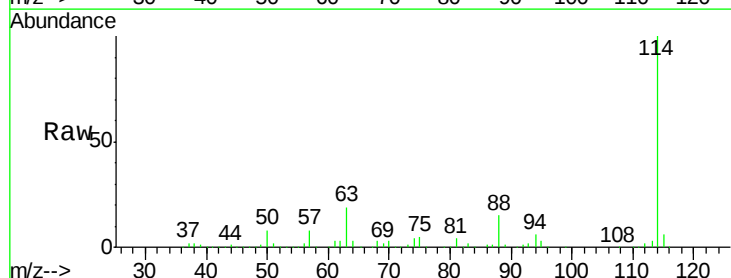
Tgt Ion: 114 Resp: 339854

Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.0

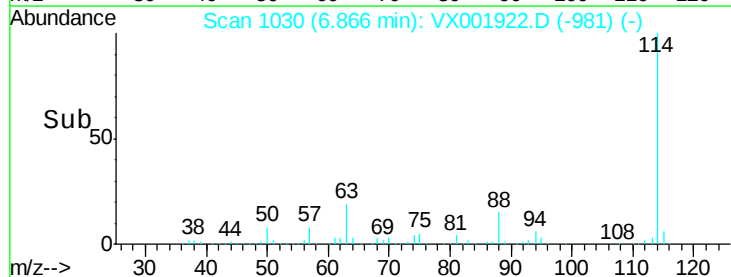
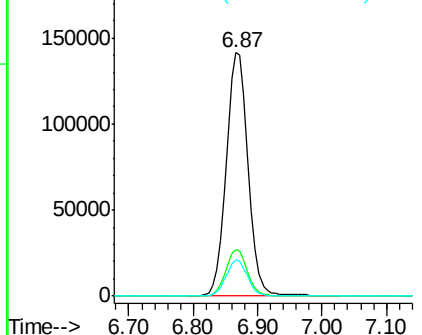
88 15.1 0.0 29.8

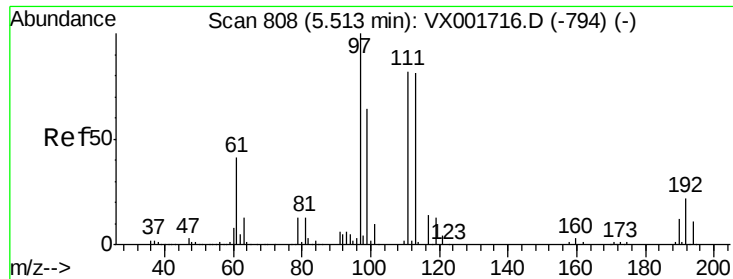


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

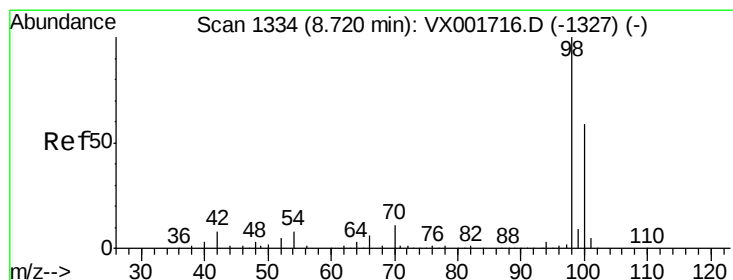
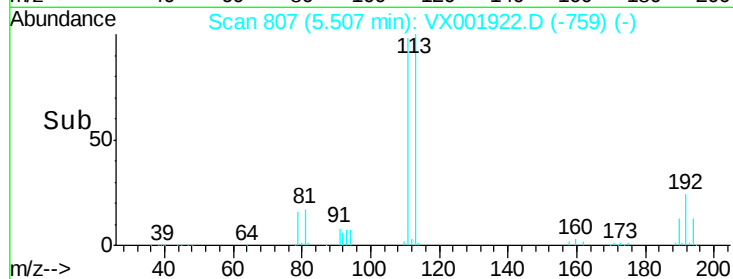
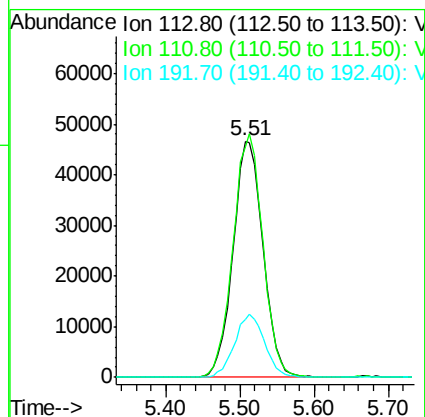
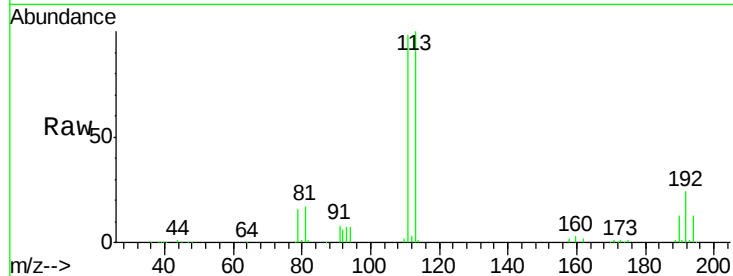




#35
 Dibromofluoromethane
 Concen: 45.96 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX001922.D
 Acq: 23 May 2018 04:32

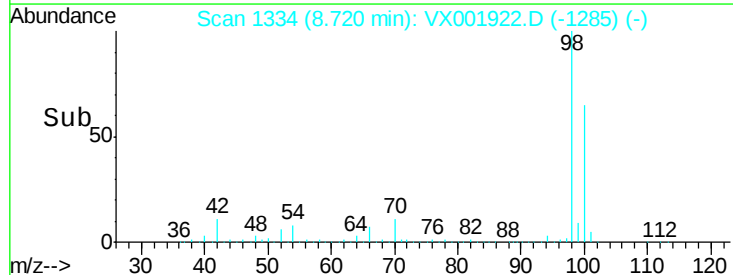
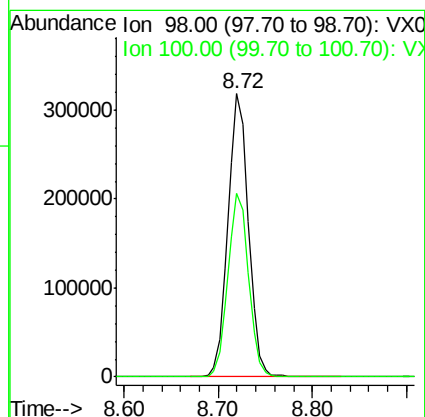
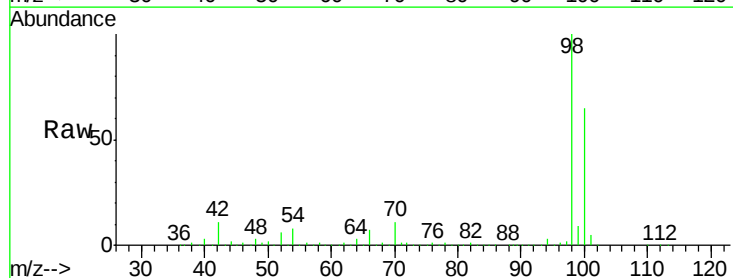
Instrument :
 MSVOA_X
 ClientSampleId :
 PB109456ZHE#02

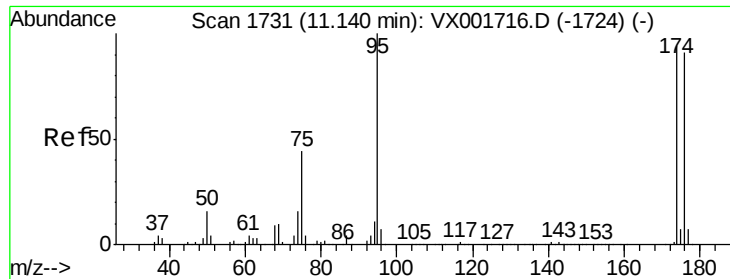
Tot Ion:113 Resp: 131827
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.0 123.0
 192 26.8 21.6 32.4



#50
 Toluene-d8
 Concen: 46.78 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX001922.D
 Acq: 23 May 2018 04:32

Tgt Ion: 98 Resp: 480532
 Ion Ratio Lower Upper
 98 100
 100 65.7 54.0 81.0

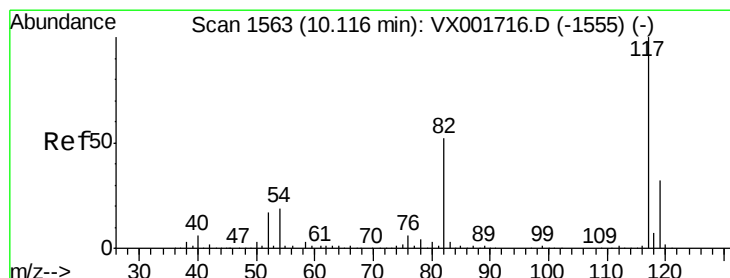
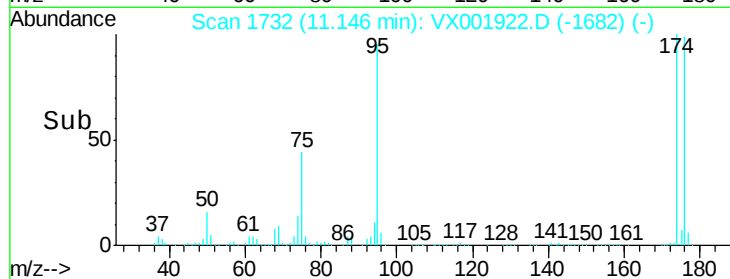
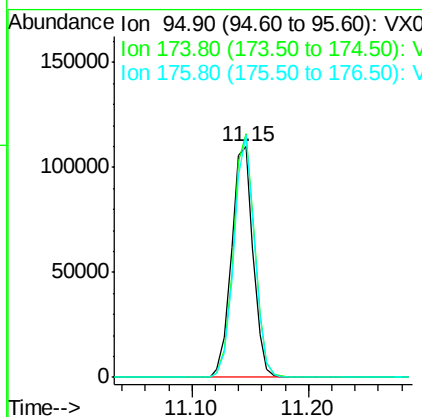
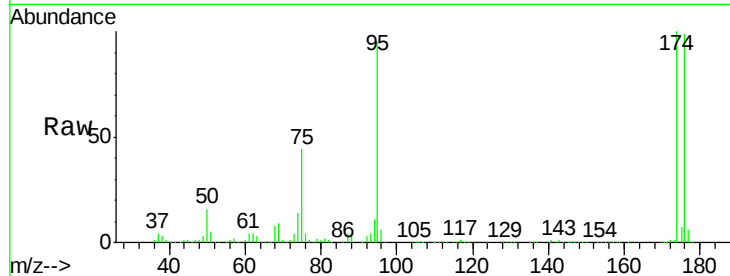




#62
4-Bromofluorobenzene
Concen: 38.42 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.01 min
Lab File: VX001922.D
Acq: 23 May 2018 04:32

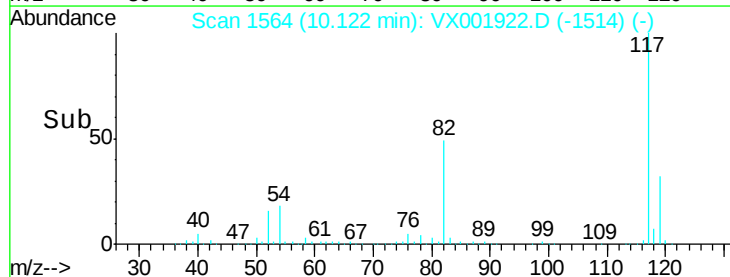
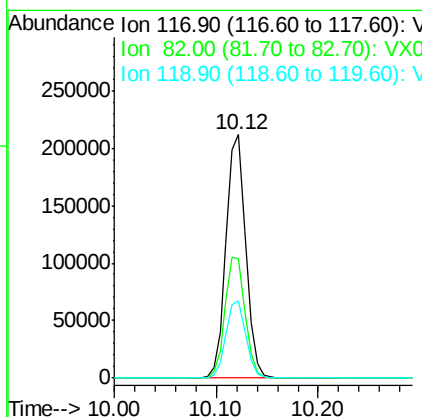
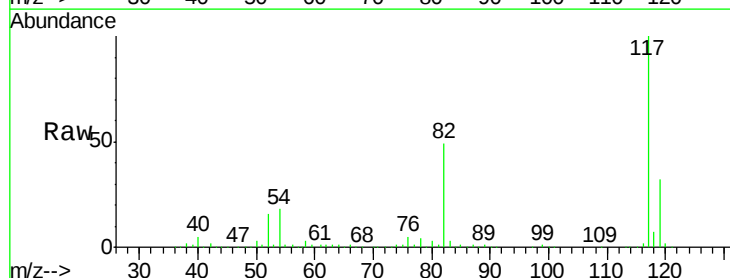
Instrument :
MSVOA_X
ClientSampleId :
PB109456ZHE#02

Tot Ion: 95 Resp: 142112
Ion Ratio Lower Upper
95 100
174 103.6 0.0 201.8
176 99.6 0.0 196.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001922.D
Acq: 23 May 2018 04:32

Tgt Ion: 117 Resp: 283072
Ion Ratio Lower Upper
117 100
82 49.2 41.4 62.2
119 31.8 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001922.D

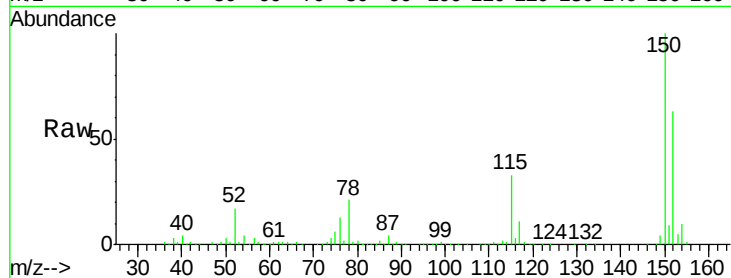
Acq: 23 May 2018 04:32

Instrument :

MSVOA_X

ClientSampleId :

PB109456ZHE#02



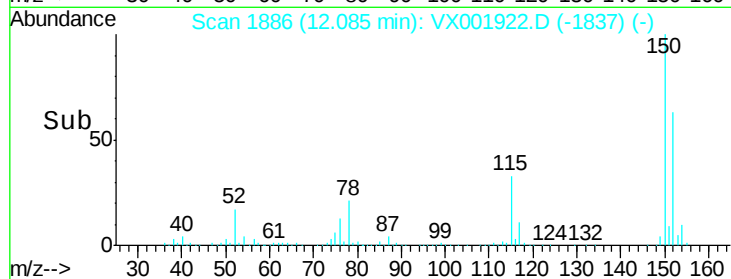
Tot Ion:152 Resp: 152576

Ion Ratio Lower Upper

152 100

115 52.1 37.4 112.2

150 157.5 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

