

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052218\
 Data File : VX001925.D
 Acq On : 23 May 2018 05:53
 Operator : JC/MD
 Sample : PB109456ZHE#05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB109456ZHE#05

Quant Time: May 23 06:55:22 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

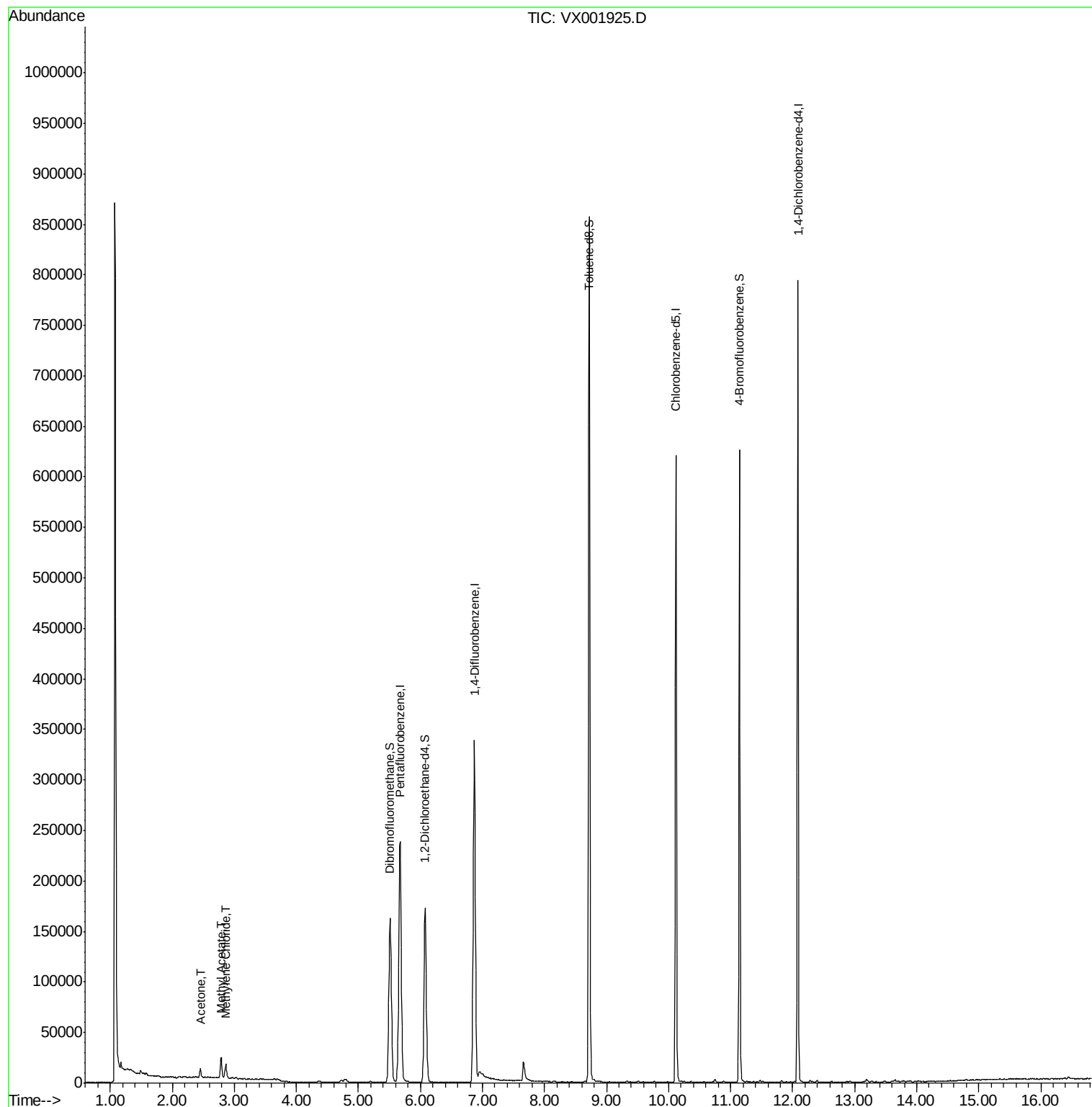
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	255616	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	351459	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	295856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	173232	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	162819	47.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.04%	
35) Dibromofluoromethane	5.51	113	137175	46.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.50%	
50) Toluene-d8	8.72	98	496887	46.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.56%	
62) 4-Bromofluorobenzene	11.14	95	153593	40.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.32%	
Target Compounds						
16) Acetone	2.45	43	9671	7.19	ug/l	93
18) Methyl Acetate	2.79	43	24548	6.24	ug/l	99
20) Methylene Chloride	2.86	84	6704	2.33	ug/l	97

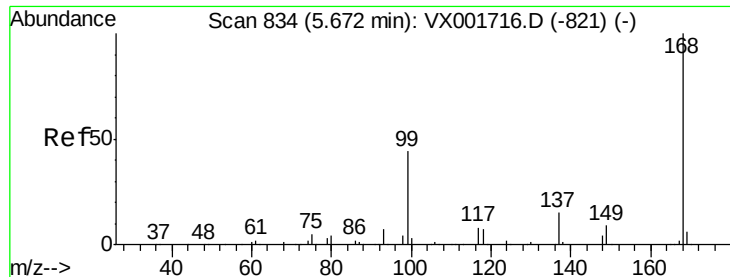
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001925.D

Acq: 23 May 2018 05:53

Instrument :

MSVOA_X

ClientSampleId :

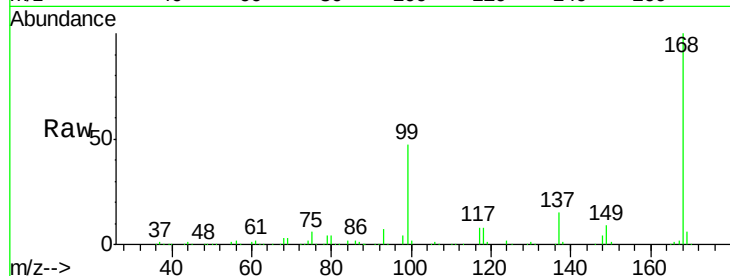
PB109456ZHE#05

Tot Ion:168 Resp: 255616

Ion Ratio Lower Upper

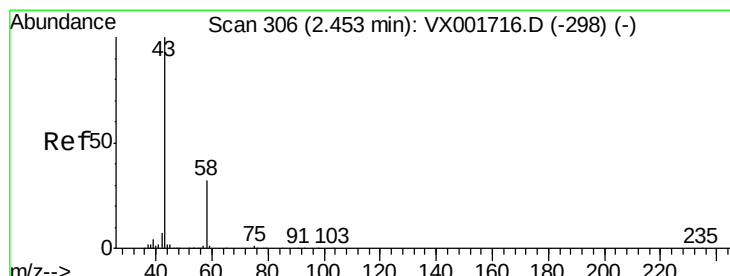
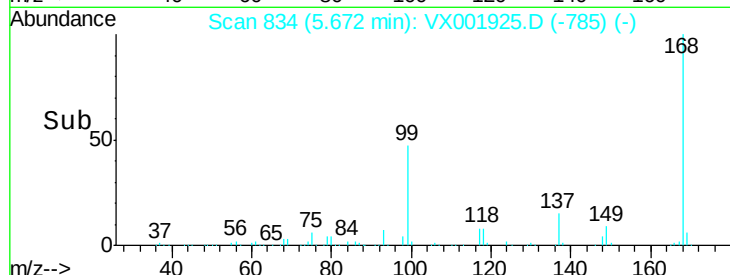
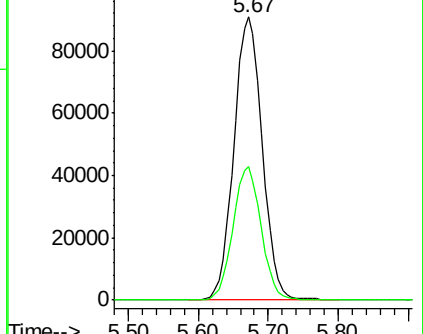
168 100

99 47.4 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: 7.19 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001925.D

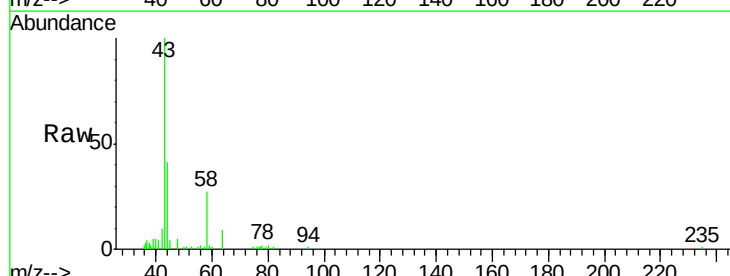
Acq: 23 May 2018 05:53

Tgt Ion: 43 Resp: 9671

Ion Ratio Lower Upper

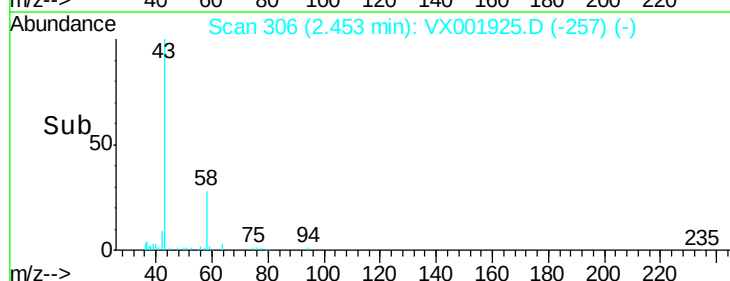
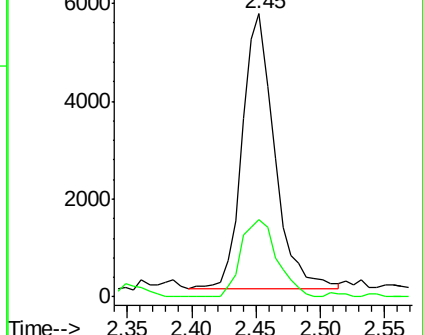
43 100

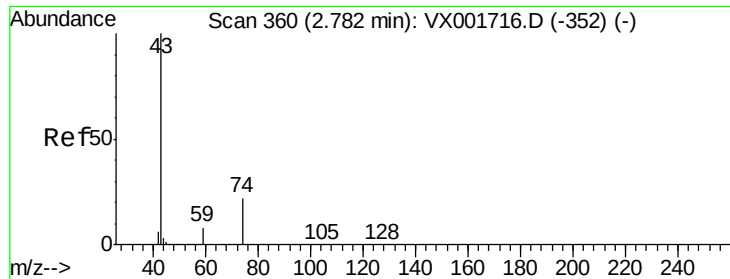
58 28.0 25.3 37.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

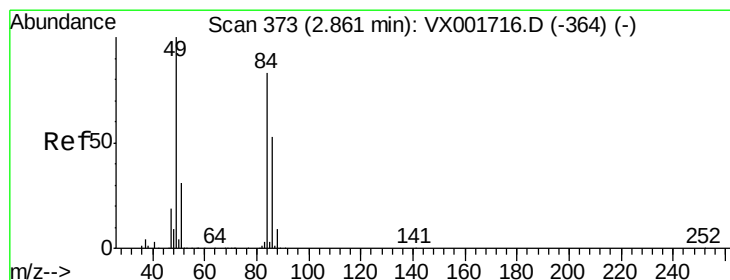
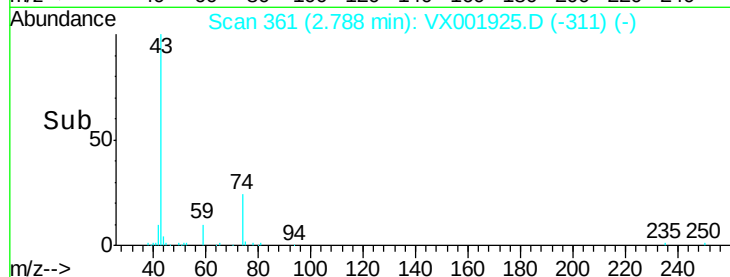
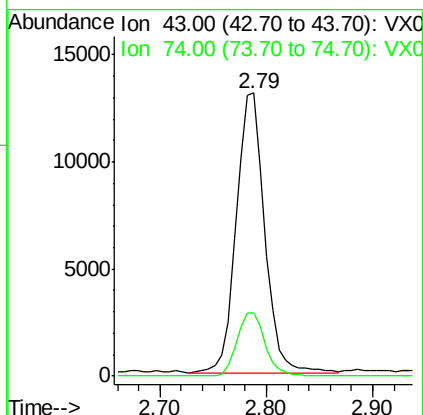
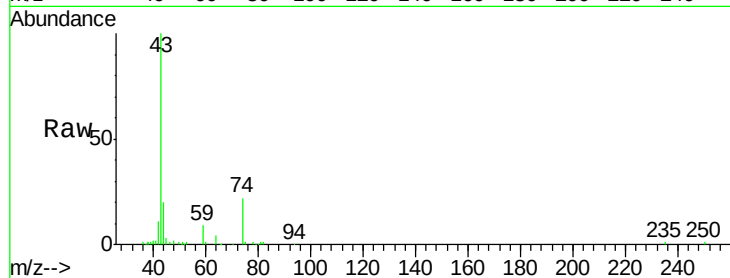




#18
Methvl Acetate
Concen: 6.24 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX001925.D
Acq: 23 May 2018 05:53

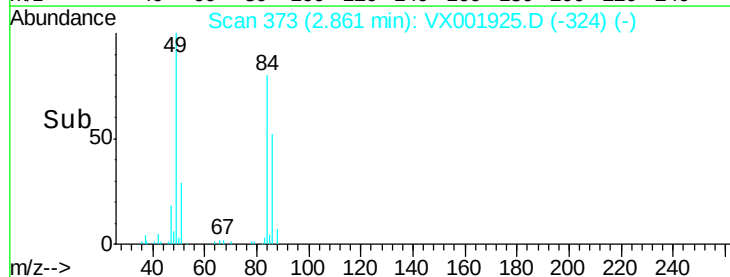
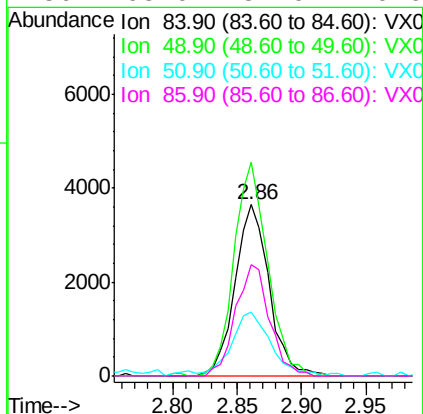
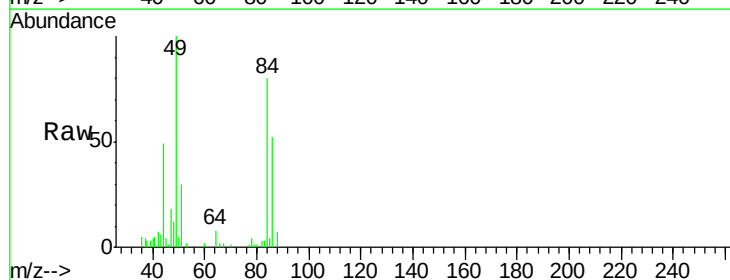
Instrument :
MSVOA_X
ClientSampleId :
PB109456ZHE#05

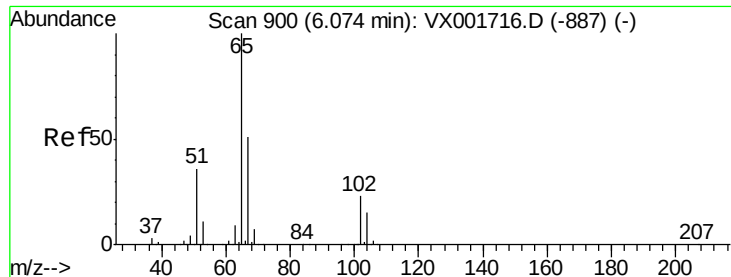
Tot Ion: 43 Resp: 24548
Ion Ratio Lower Upper
43 100
74 22.3 18.2 27.2



#20
Methylene Chloride
Concen: 2.33 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001925.D
Acq: 23 May 2018 05:53

Tgt Ion: 84 Resp: 6704
Ion Ratio Lower Upper
84 100
49 124.7 96.3 144.5
51 35.9 29.8 44.6
86 65.0 51.0 76.6

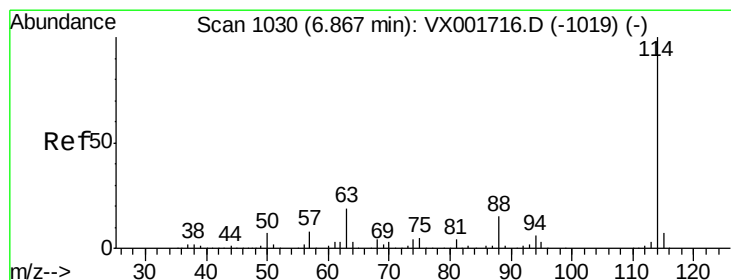
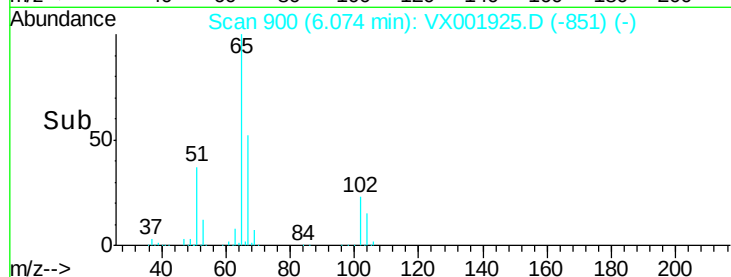
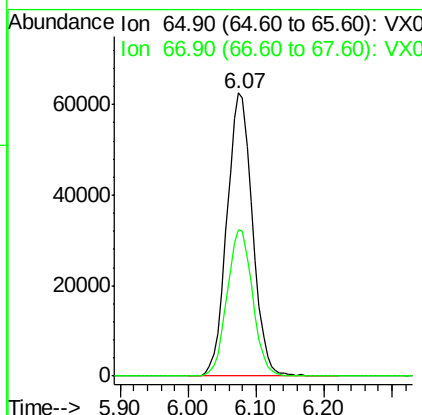
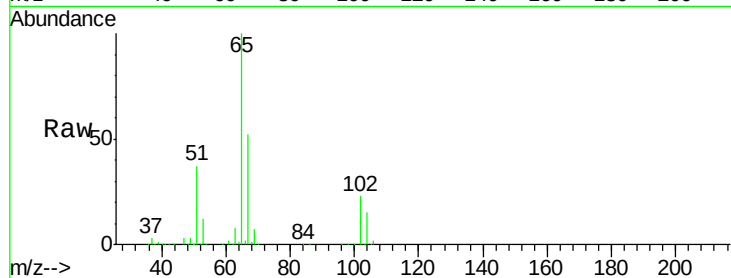




#33
 1,2-Dichloroethane-d4
 Concen: 47.52 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001925.D
 Acq: 23 May 2018 05:53

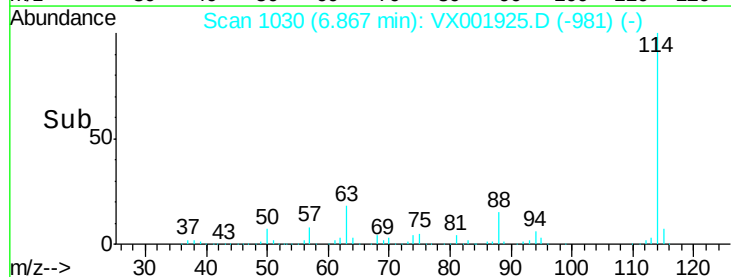
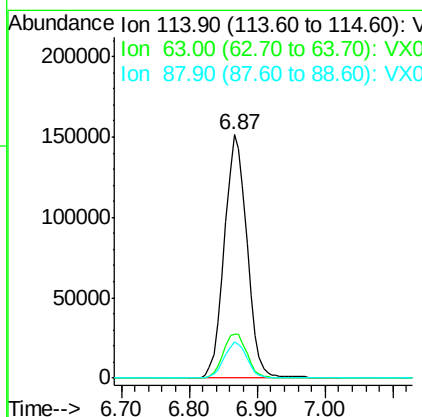
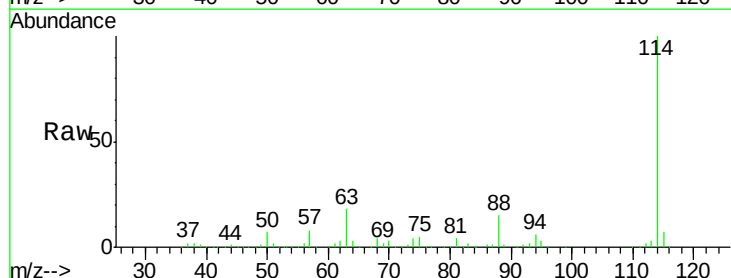
Instrument :
 MSVOA_X
 ClientSampleId :
 PB109456ZHE#05

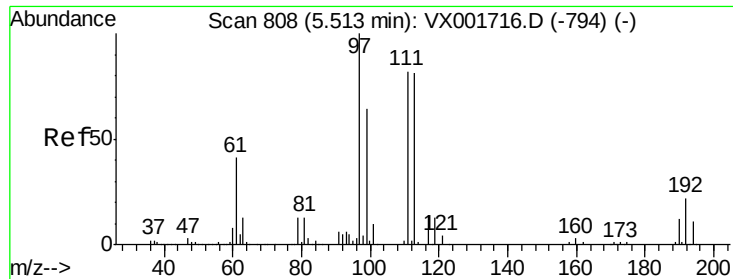
Tot Ion: 65 Resp: 162819
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001925.D
 Acq: 23 May 2018 05:53

Tgt Ion: 114 Resp: 351459
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 37.0
 88 15.1 0.0 29.8

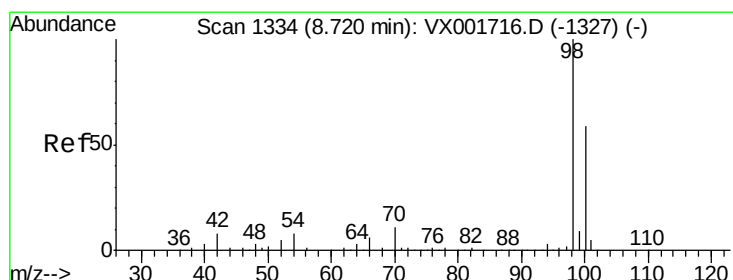
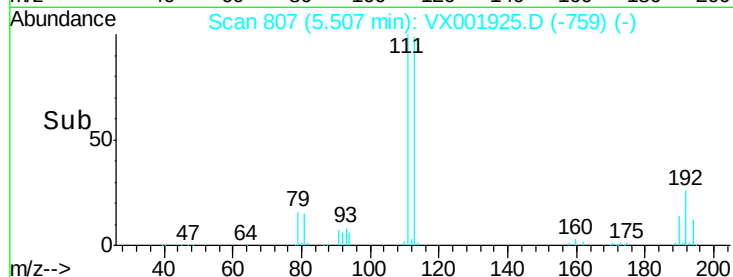
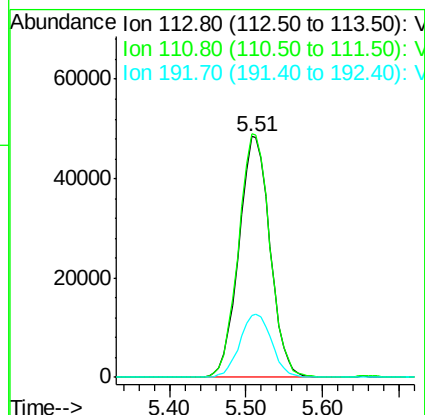
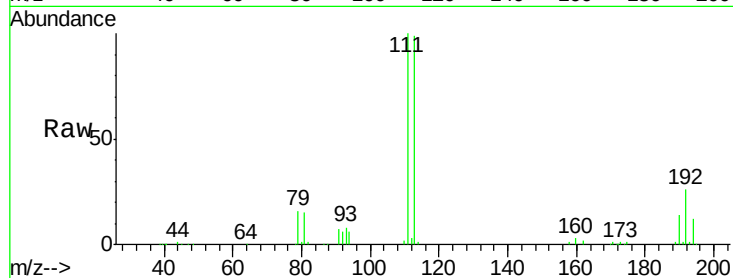




#35
 Dibromofluoromethane
 Concen: 46.25 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX001925.D
 Acq: 23 May 2018 05:53

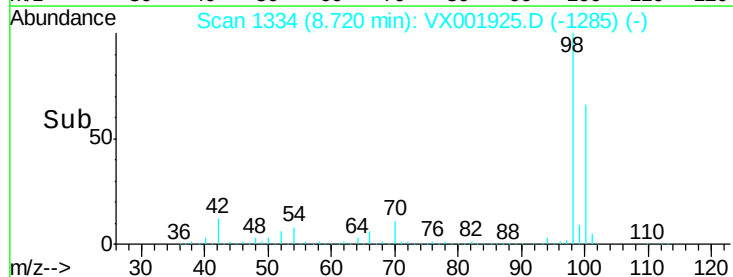
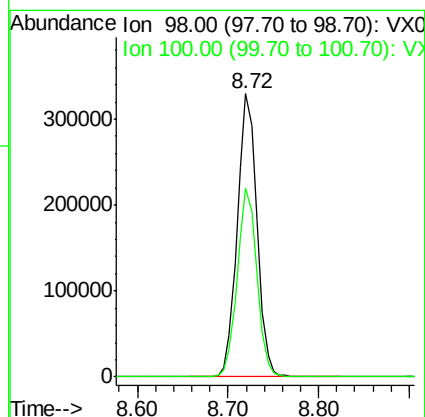
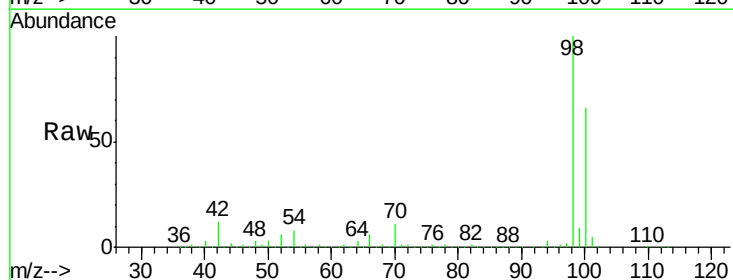
Instrument :
 MSVOA_X
 ClientSampleId :
 PB109456ZHE#05

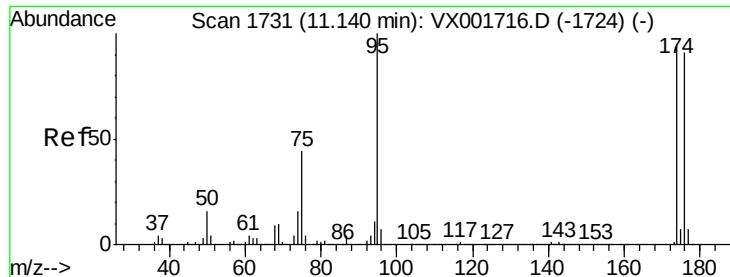
Tot Ion:113 Resp: 137175
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.0 123.0
 192 26.6 21.6 32.4



#50
 Toluene-d8
 Concen: 46.78 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX001925.D
 Acq: 23 May 2018 05:53

Tgt Ion: 98 Resp: 496887
 Ion Ratio Lower Upper
 98 100
 100 66.3 54.0 81.0

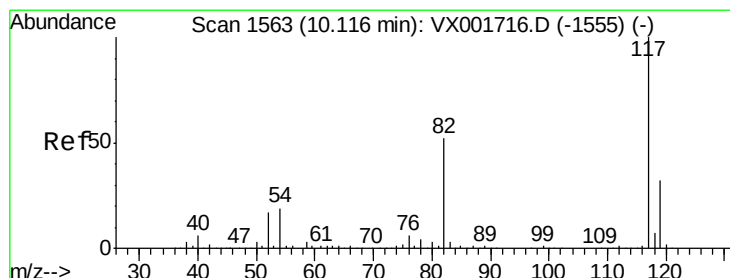
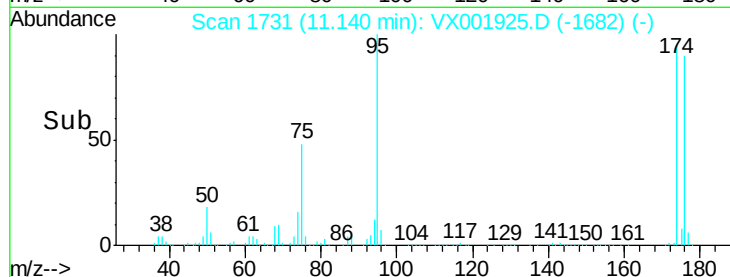
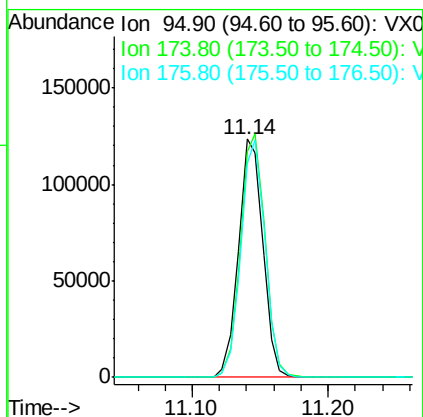
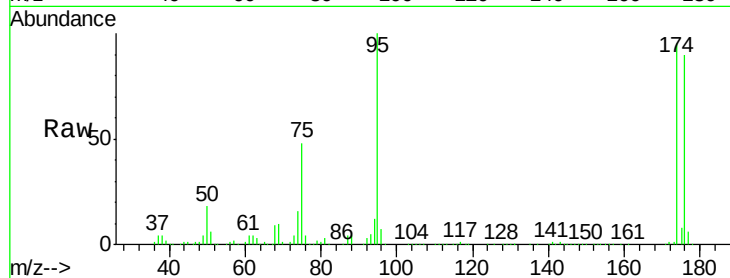




#62
4-Bromofluorobenzene
Concen: 40.16 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001925.D
Acq: 23 May 2018 05:53

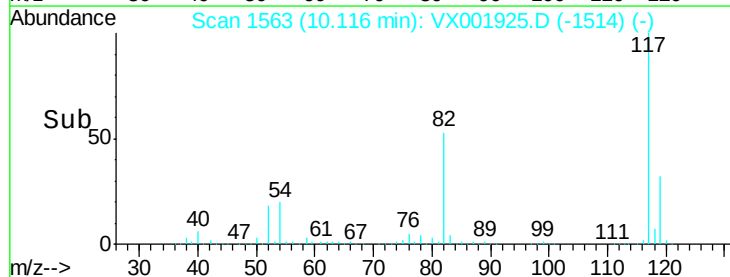
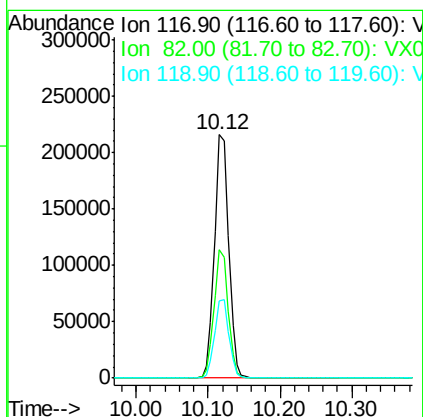
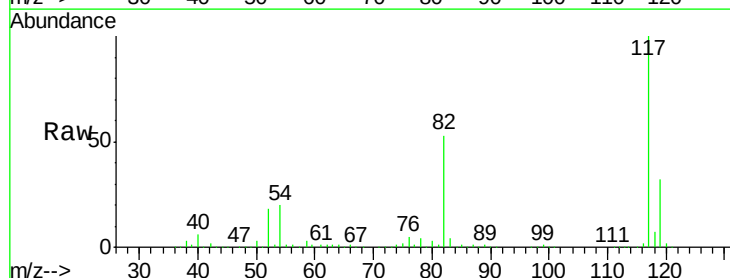
Instrument :
MSVOA_X
ClientSampleId :
PB109456ZHE#05

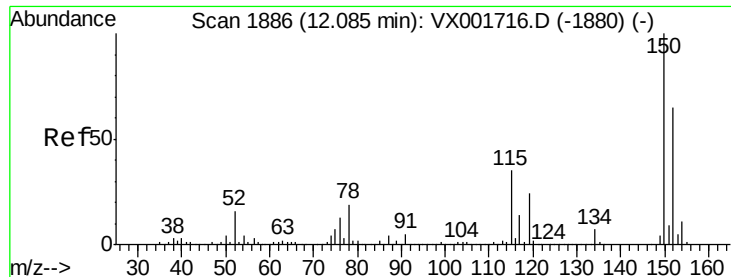
Tot Ion: 95 Resp: 153593
Ion Ratio Lower Upper
95 100
174 103.8 0.0 201.8
176 99.2 0.0 196.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001925.D
Acq: 23 May 2018 05:53

Tgt Ion: 117 Resp: 295856
Ion Ratio Lower Upper
117 100
82 52.7 41.4 62.2
119 31.7 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001925.D

Acq: 23 May 2018 05:53

Instrument :

MSVOA_X

ClientSampleId :

PB109456ZHE#05

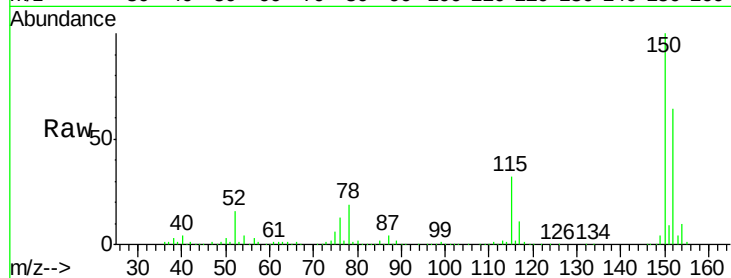
Tot Ion:152 Resp: 173232

Ion Ratio Lower Upper

152 100

115 51.8 37.4 112.2

150 156.5 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

