

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052218\
 Data File : VX001932.D
 Acq On : 23 May 2018 09:00
 Operator : JC/MD
 Sample : PB109456ZHE#15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB109456ZHE#15

Quant Time: May 23 12:02:58 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

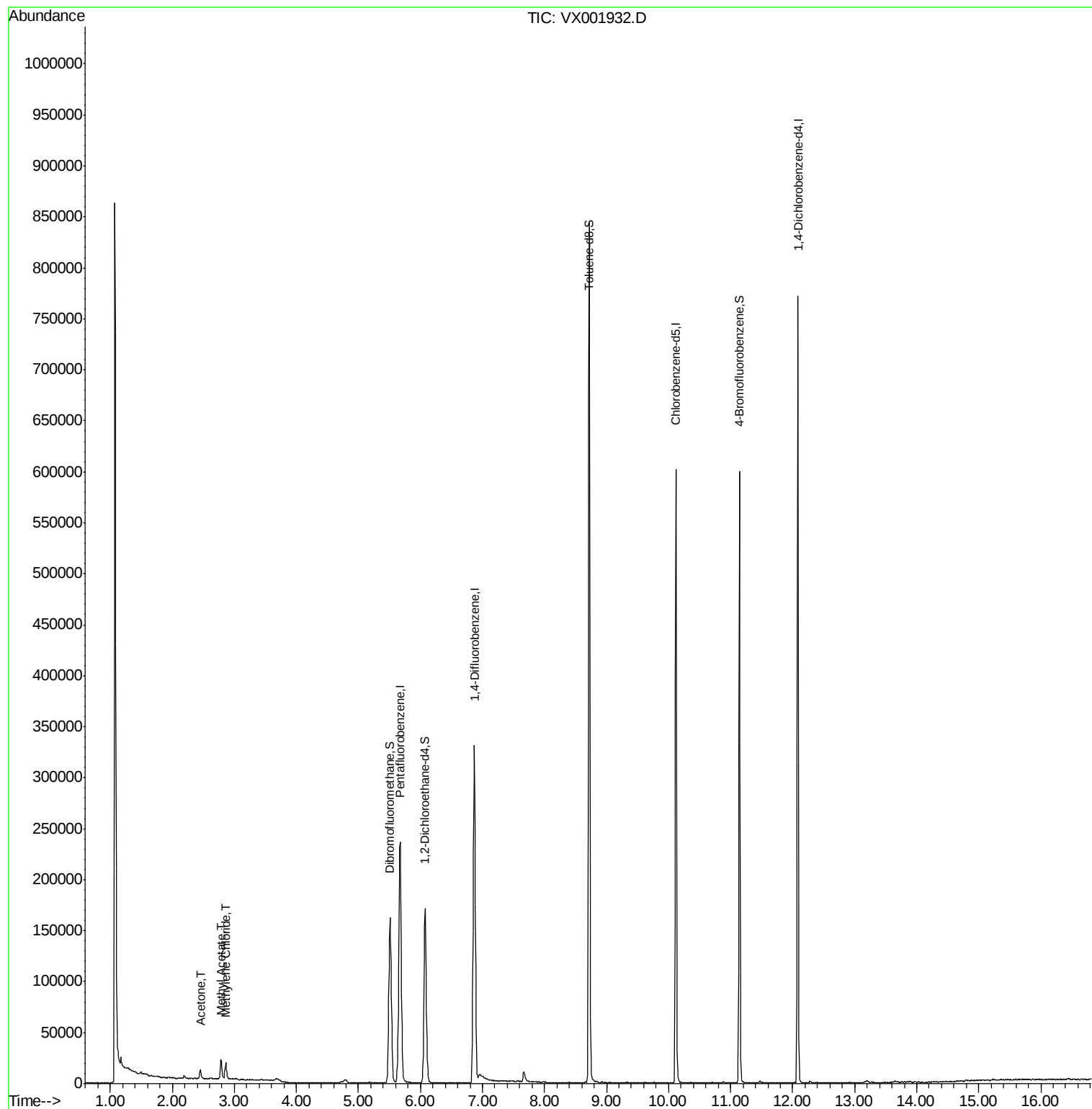
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	253424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	345094	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	289910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	169647	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	160742	47.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.64%	
35) Dibromofluoromethane	5.51	113	133684	45.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.80%	
50) Toluene-d8	8.72	98	490580	47.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.06%	
62) 4-Bromofluorobenzene	11.14	95	149443	39.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.58%	
Target Compounds						
16) Acetone	2.45	43	9767	7.32	ug/l	98
18) Methyl Acetate	2.78	43	22664	5.81	ug/l	97
20) Methylene Chloride	2.86	84	7365	2.58	ug/l	93

(#) = 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: VX001932.D

Acq: 23 May 2018 09:00

Instrument :

MSVOA_X

ClientSampleId :

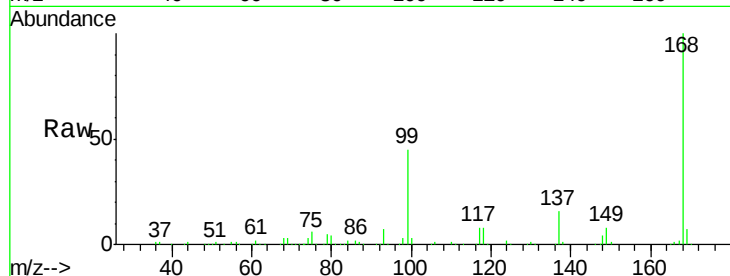
PB109456ZHE#15

Tot Ion:168 Resp: 253424

Ion Ratio Lower Upper

168 100

99 45.5 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

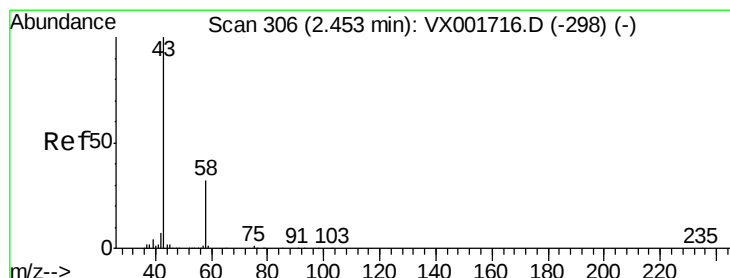
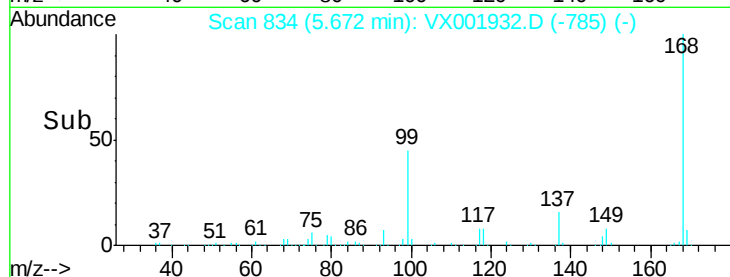
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 7.32 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001932.D

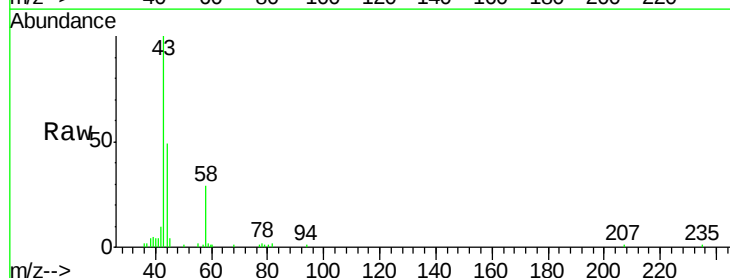
Acq: 23 May 2018 09:00

Tgt Ion: 43 Resp: 9767

Ion Ratio Lower Upper

43 100

58 30.3 25.3 37.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

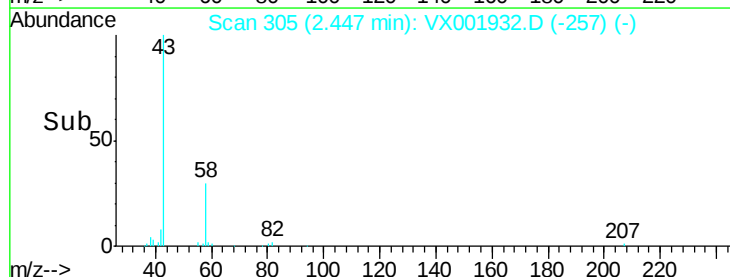
6000

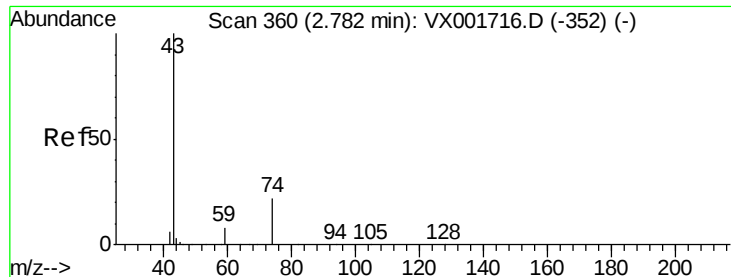
4000

2000

0

Time--> 2.35 2.40 2.45 2.50 2.55

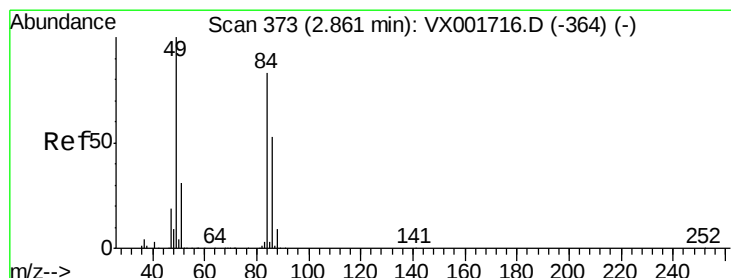
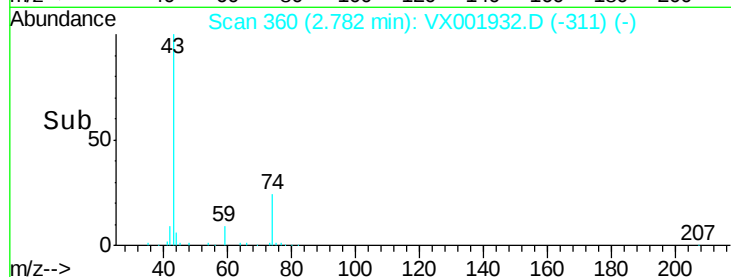
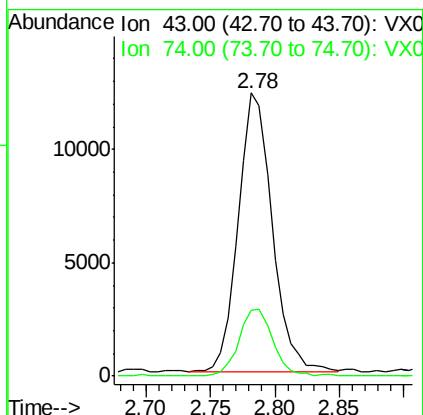
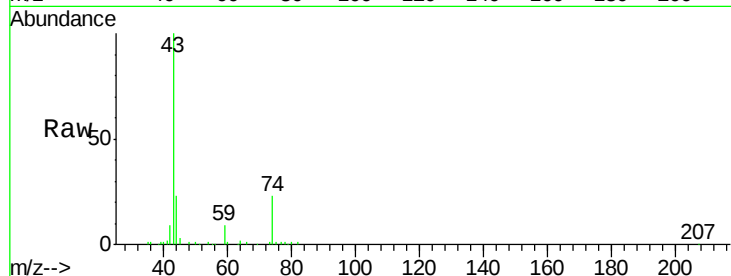




#18
Methvl Acetate
Concen: 5.81 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001932.D
Acq: 23 May 2018 09:00

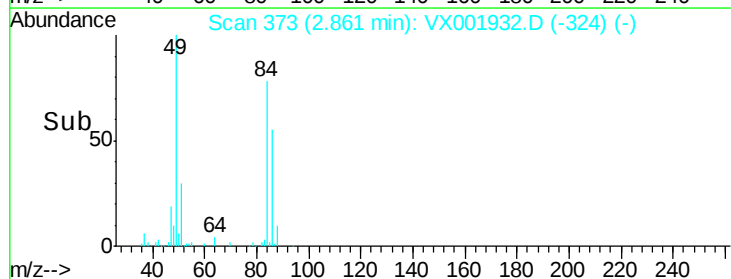
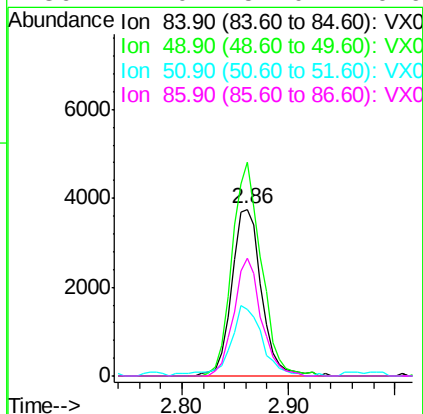
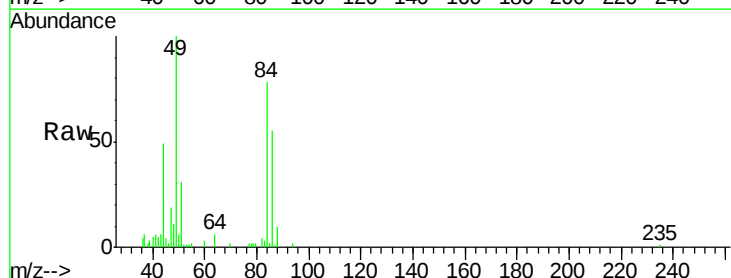
Instrument :
MSVOA_X
ClientSampleId :
PB109456ZHE#15

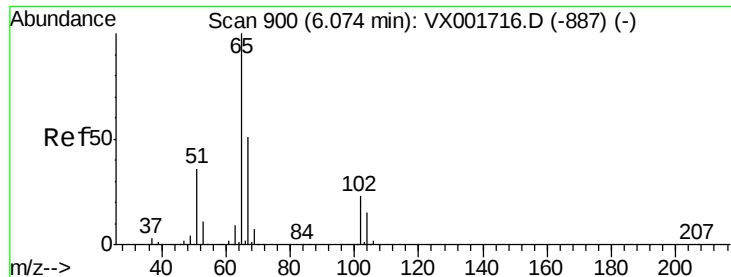
Tot Ion: 43 Resp: 22664
Ion Ratio Lower Upper
43 100
74 23.9 18.2 27.2



#20
Methylene Chloride
Concen: 2.58 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001932.D
Acq: 23 May 2018 09:00

Tgt Ion: 84 Resp: 7365
Ion Ratio Lower Upper
84 100
49 128.1 96.3 144.5
51 40.2 29.8 44.6
86 71.0 51.0 76.6

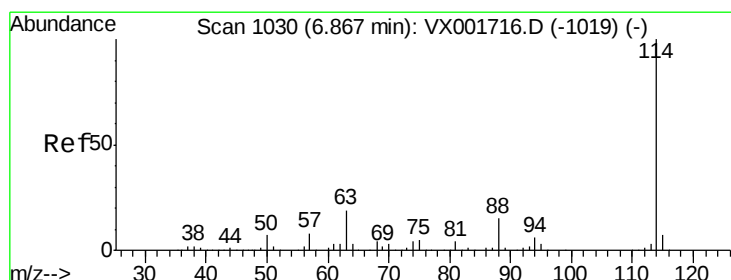
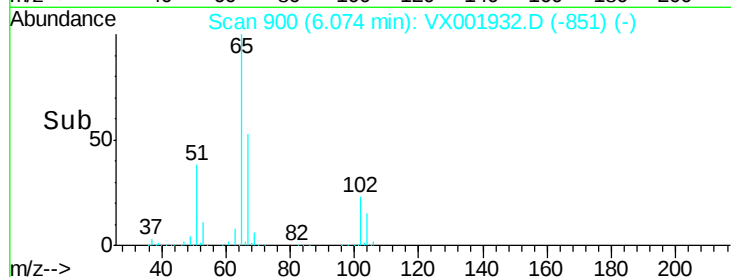
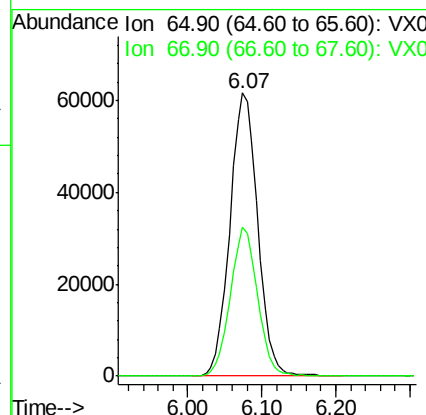
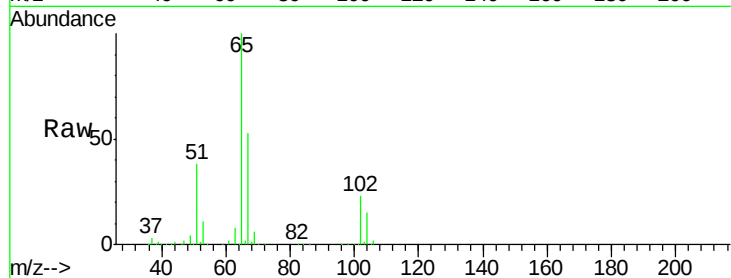




#33
 1,2-Dichloroethane-d4
 Concen: 47.32 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001932.D
 Acq: 23 May 2018 09:00

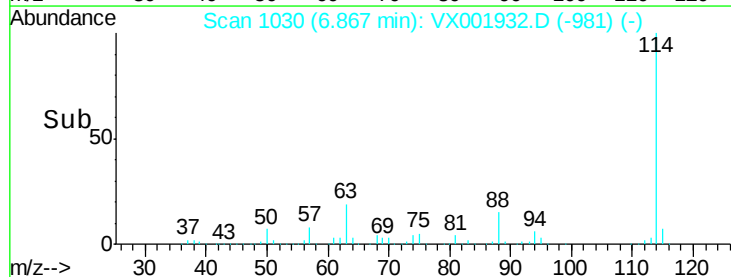
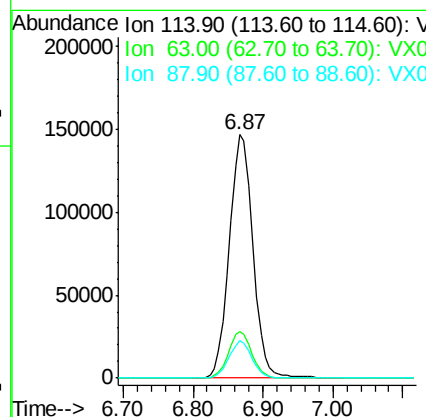
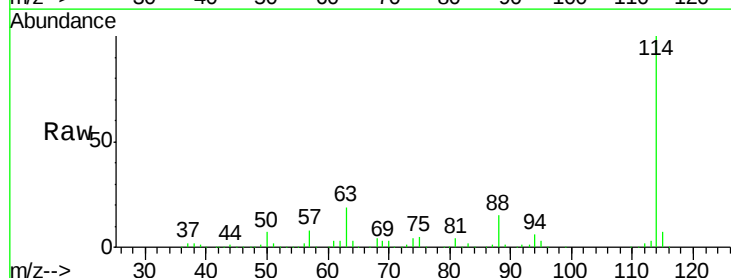
Instrument :
 MSVOA_X
 ClientSampleId :
 PB109456ZHE#15

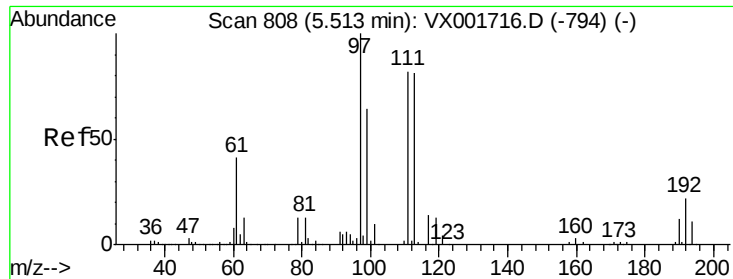
Tot Ion: 65 Resp: 160742
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001932.D
 Acq: 23 May 2018 09:00

Tgt Ion: 114 Resp: 345094
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 37.0
 88 15.2 0.0 29.8

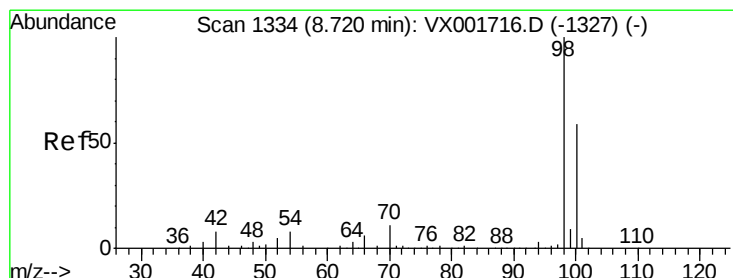
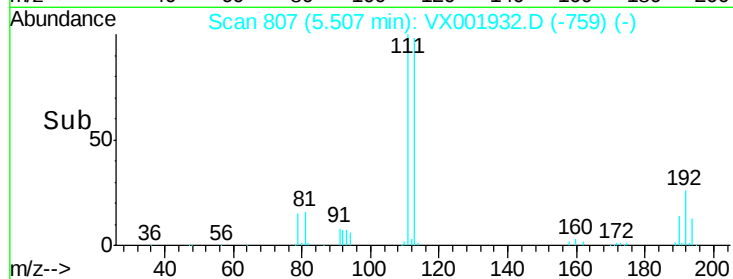
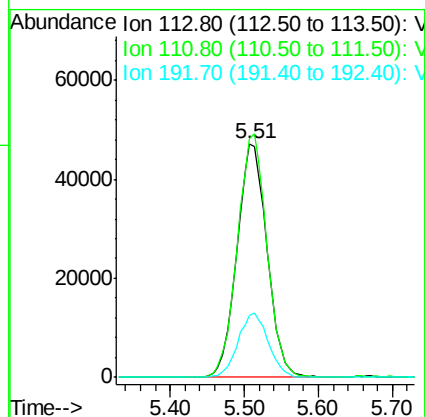
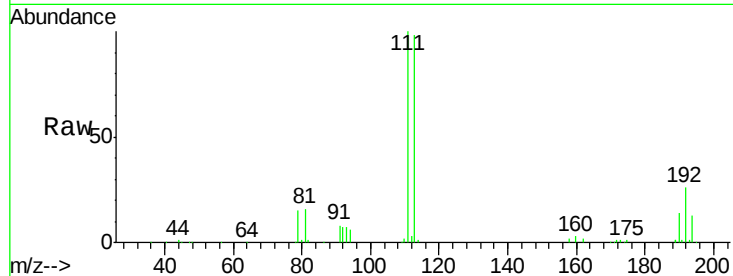




#35
 Dibromofluoromethane
 Concen: 45.90 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX001932.D
 Acq: 23 May 2018 09:00

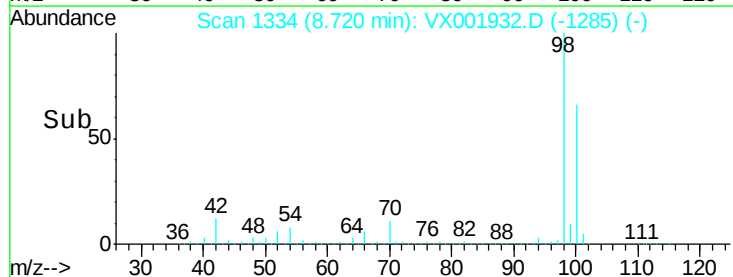
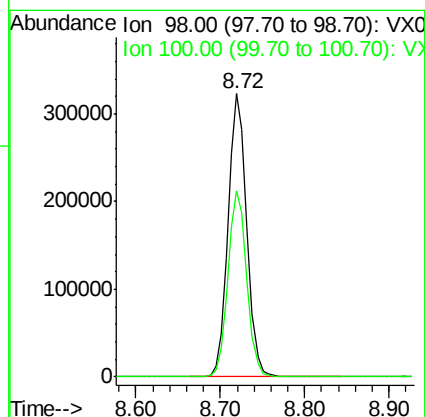
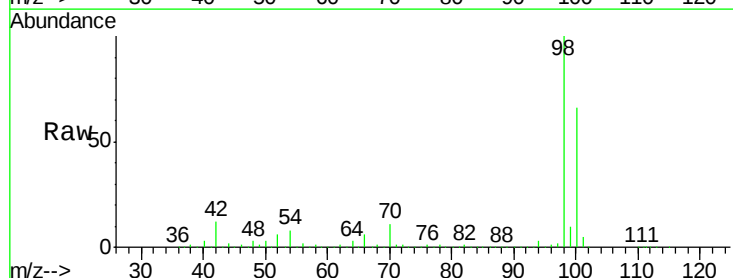
Instrument :
 MSVOA_X
 ClientSampleId :
 PB109456ZHE#15

Tot Ion:113 Resp: 133684
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.0 123.0
 192 27.5 21.6 32.4



#50
 Toluene-d8
 Concen: 47.03 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX001932.D
 Acq: 23 May 2018 09:00

Tgt Ion: 98 Resp: 490580
 Ion Ratio Lower Upper
 98 100
 100 66.2 54.0 81.0





#62

4-Bromofluorobenzene

Concen: 39.79 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001932.D

Acq: 23 May 2018 09:00

Instrument :

MSVOA_X

ClientSampleId :

PB109456ZHE#15

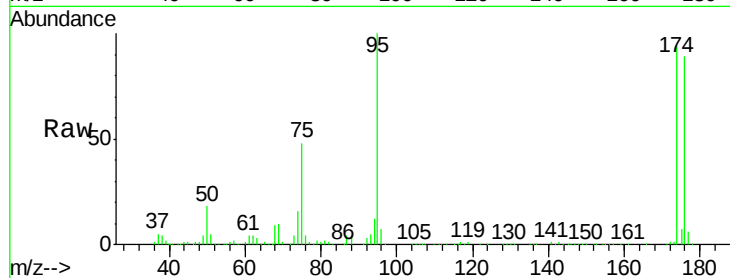
Tot Ion: 95 Resp: 149443

Ion Ratio Lower Upper

95 100

174 103.3 0.0 201.8

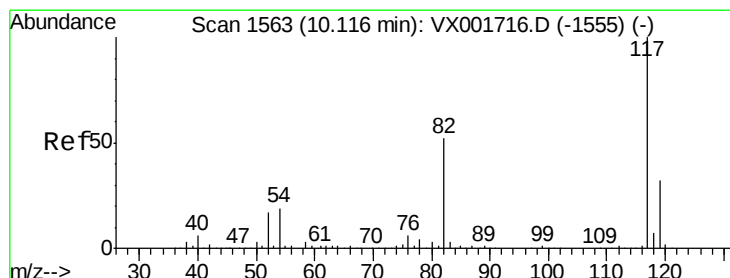
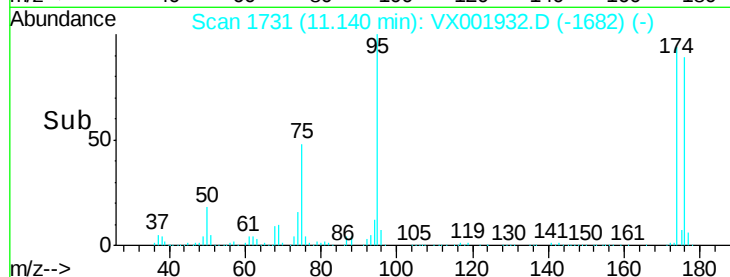
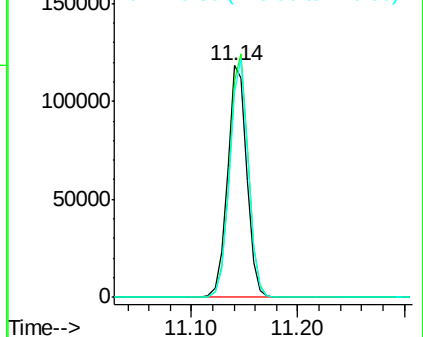
176 99.4 0.0 196.8



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: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX001932.D

Acq: 23 May 2018 09:00

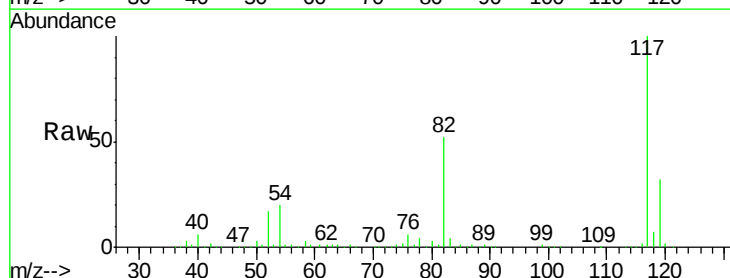
Tgt Ion: 117 Resp: 289910

Ion Ratio Lower Upper

117 100

82 52.2 41.4 62.2

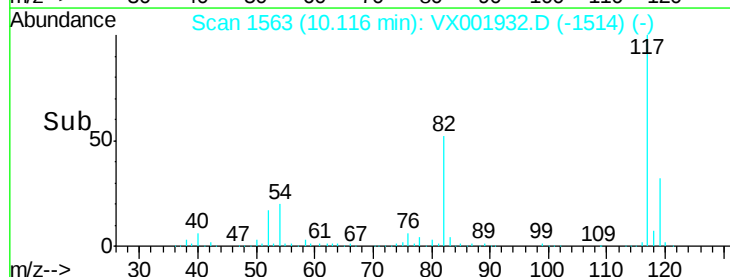
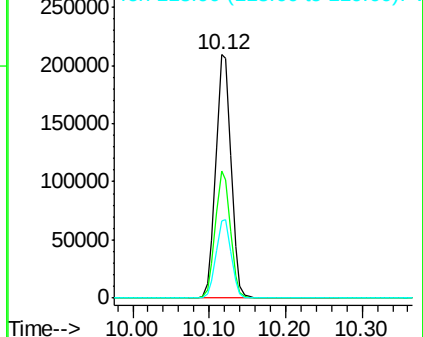
119 31.8 25.6 38.4



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: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001932.D

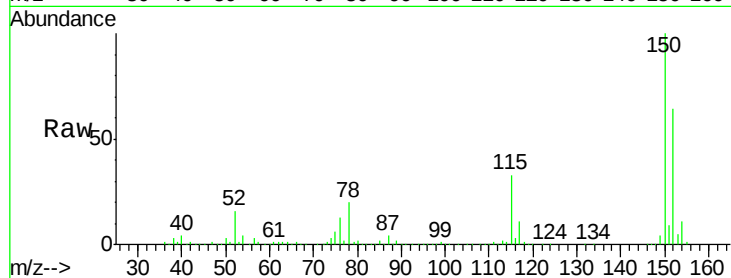
Acq: 23 May 2018 09:00

Instrument :

MSVOA_X

ClientSampleId :

PB109456ZHE#15



Tot Ion:152 Resp: 169647

Ion Ratio Lower Upper

152 100

115 51.9 37.4 112.2

150 156.4 0.0 344.8

