

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052218\
 Data File : VX001930.D
 Acq On : 23 May 2018 08:06
 Operator : JC/MD
 Sample : PB109456ZHE#13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB109456ZHE#13

Quant Time: May 23 11:58:54 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

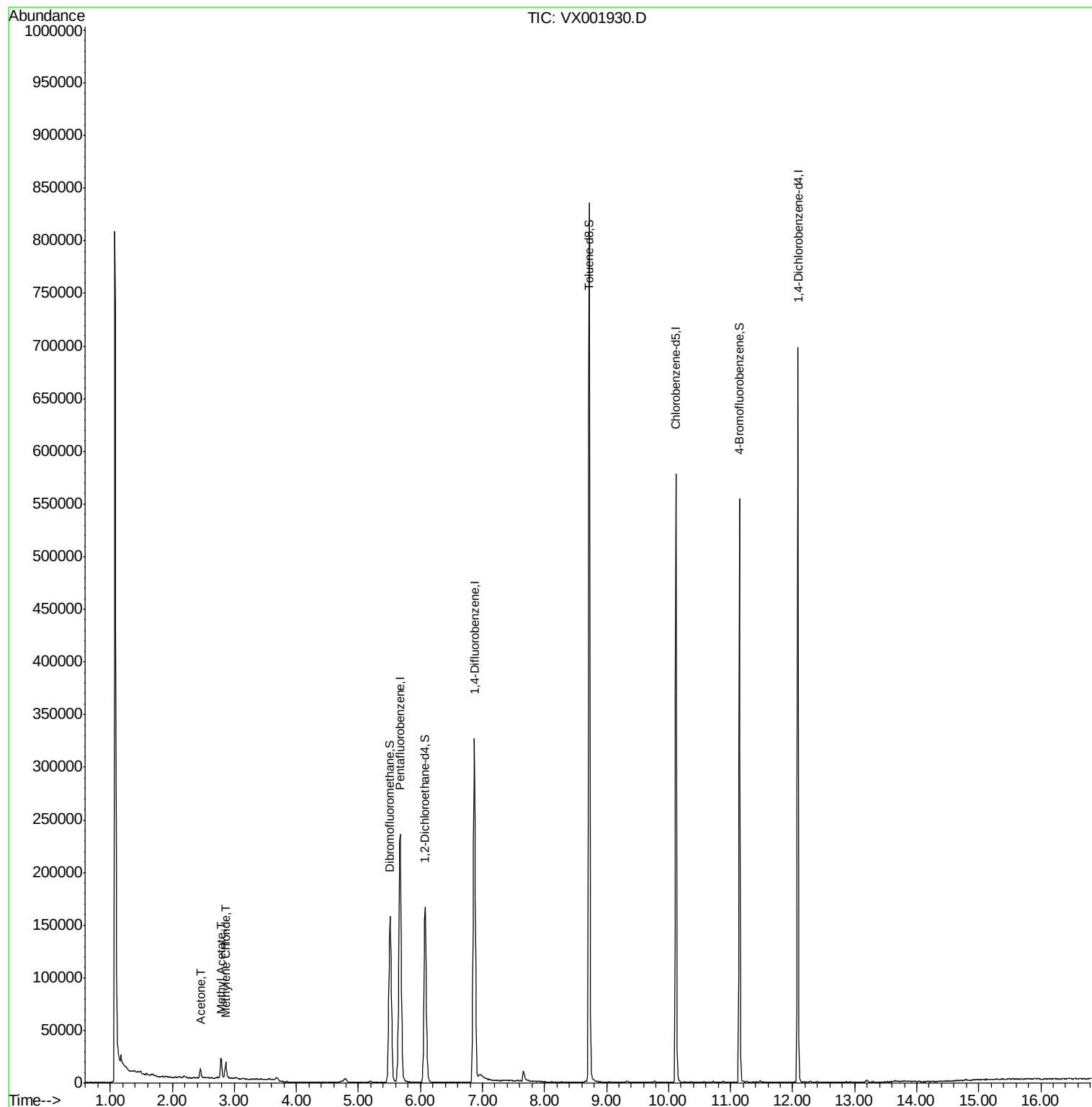
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	250471	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	338078	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	278020	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	152002	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	157179	46.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.64%	
35) Dibromofluoromethane	5.51	113	131462	46.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.16%	
50) Toluene-d8	8.72	98	480300	47.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.00%	
62) 4-Bromofluorobenzene	11.14	95	139471	37.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.82%	
Target Compounds						
16) Acetone	2.45	43	9182	6.96	ug/l	99
18) Methyl Acetate	2.78	43	23380	6.06	ug/l	100
20) Methylene Chloride	2.86	84	7127	2.53	ug/l	95

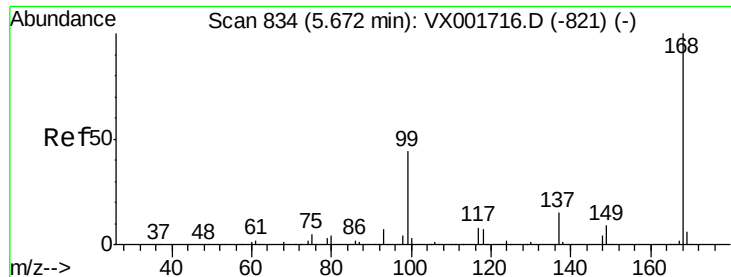
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001930.D

Acq: 23 May 2018 08:06

Instrument :

MSVOA_X

ClientSampleId :

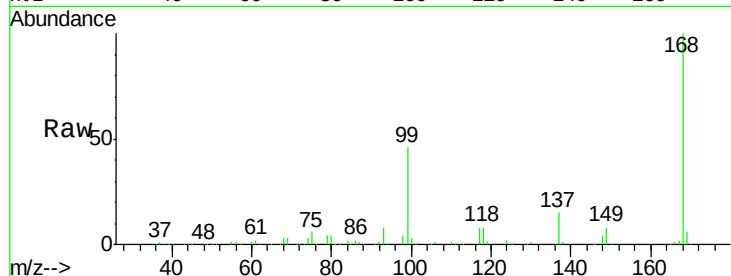
PB109456ZHE#13

Tot Ion:168 Resp: 250471

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

5.67

100000

80000

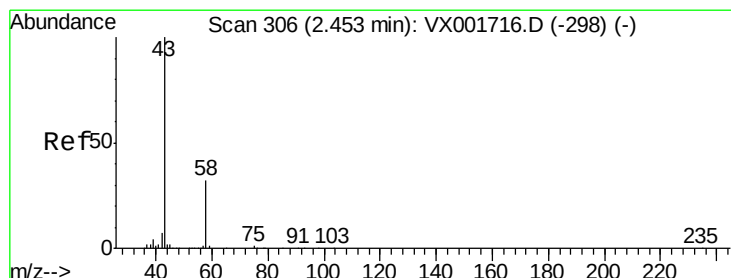
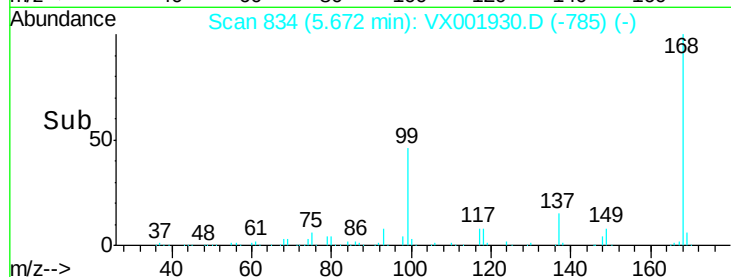
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 6.96 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001930.D

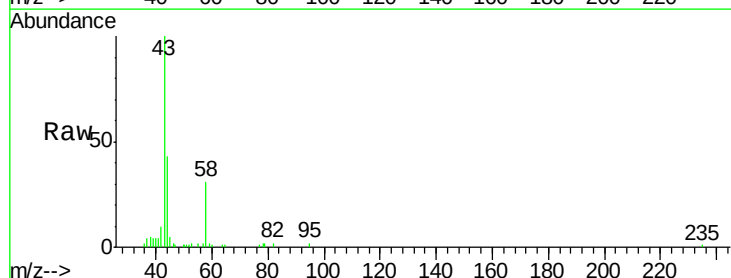
Acq: 23 May 2018 08:06

Tgt Ion: 43 Resp: 9182

Ion Ratio Lower Upper

43 100

58 32.2 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

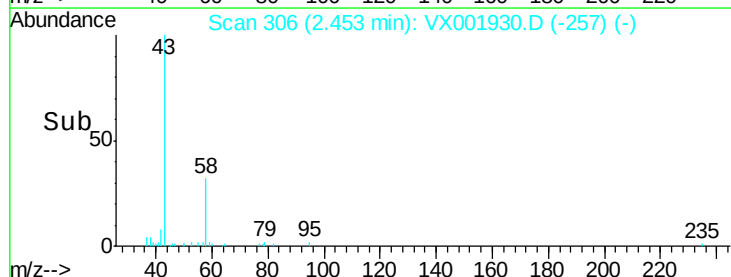
6000

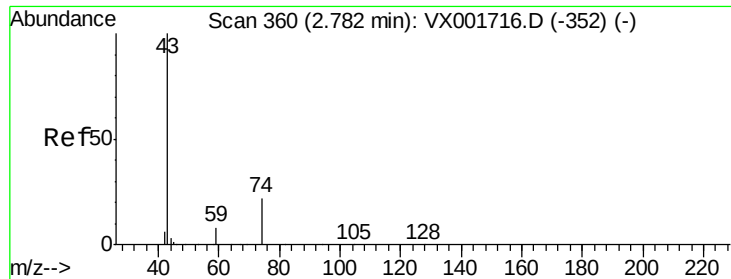
4000

2000

0

Time--> 2.40 2.45 2.50

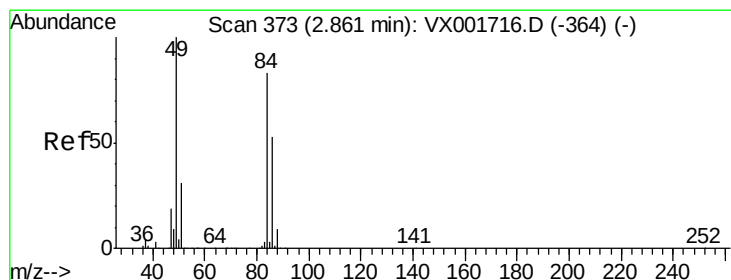
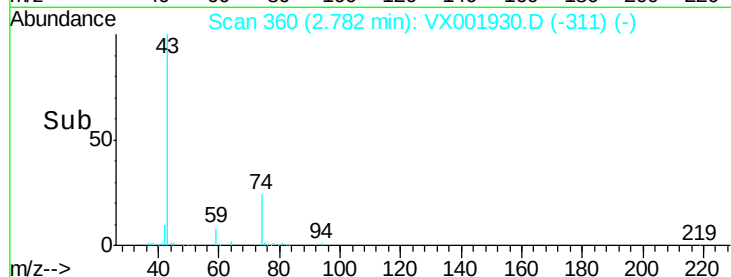
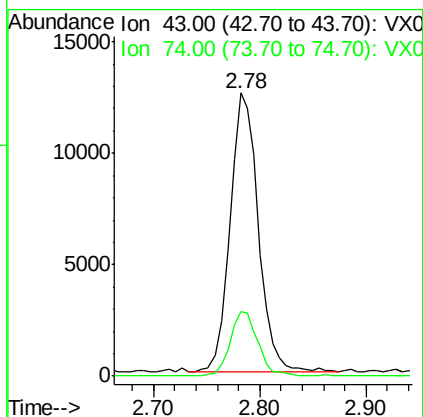
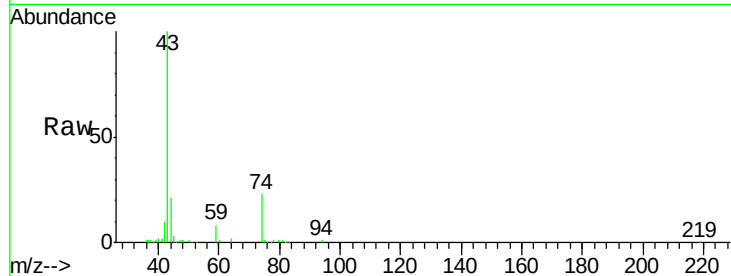




#18
Methvl Acetate
Concen: 6.06 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001930.D
Acq: 23 May 2018 08:06

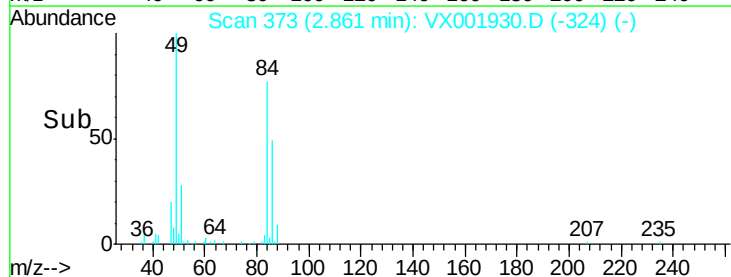
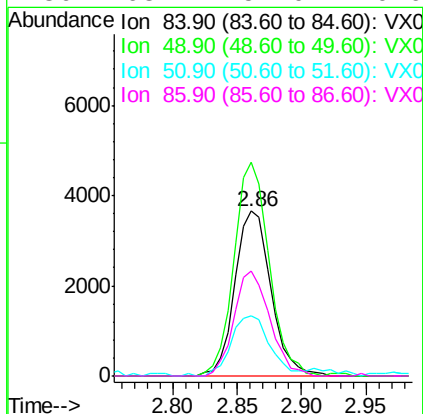
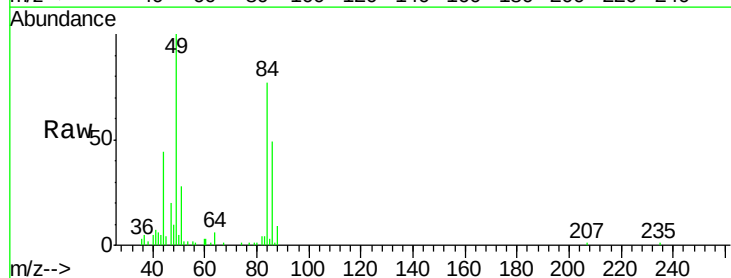
Instrument :
MSVOA_X
ClientSampleId :
PB109456ZHE#13

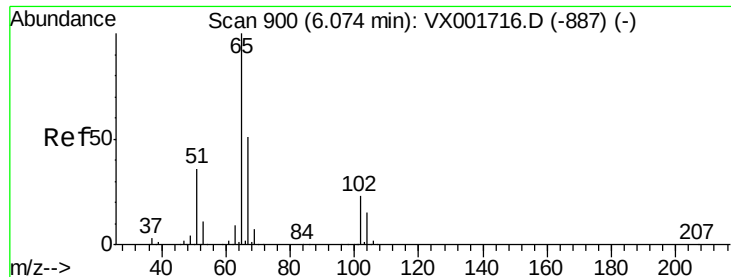
Tot Ion: 43 Resp: 23380
Ion Ratio Lower Upper
43 100
74 22.6 18.2 27.2



#20
Methylene Chloride
Concen: 2.53 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001930.D
Acq: 23 May 2018 08:06

Tgt Ion: 84 Resp: 7127
Ion Ratio Lower Upper
84 100
49 129.4 96.3 144.5
51 34.7 29.8 44.6
86 63.4 51.0 76.6

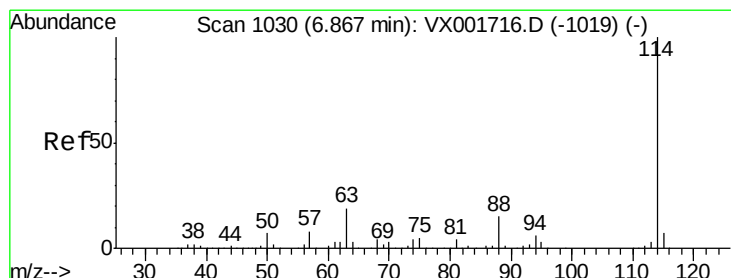
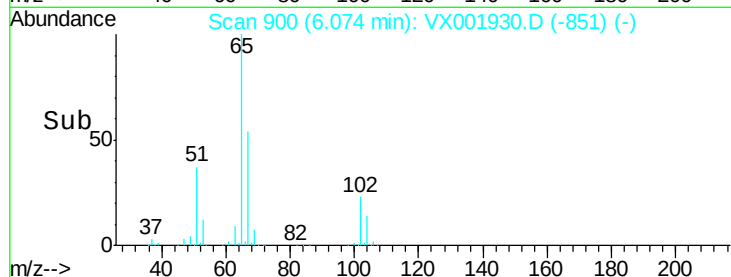
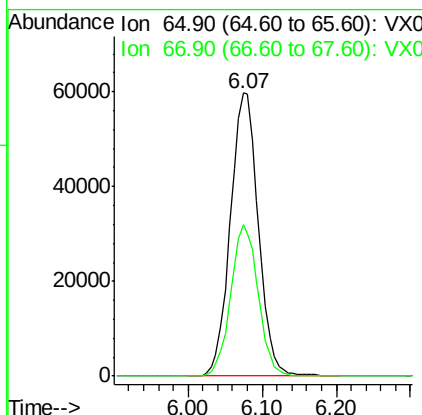
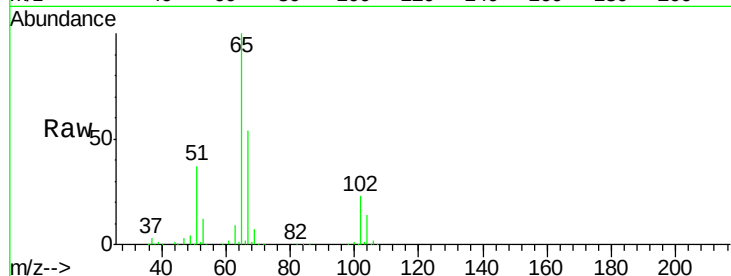




#33
 1,2-Dichloroethane-d4
 Concen: 46.82 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001930.D
 Acq: 23 May 2018 08:06

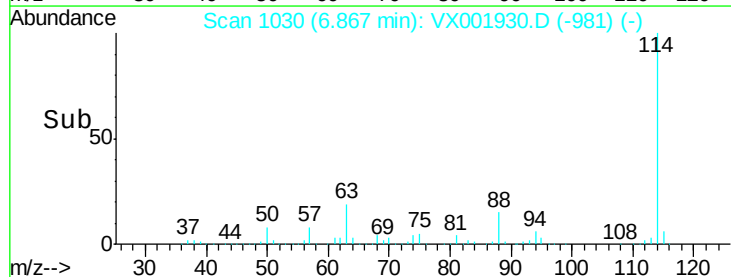
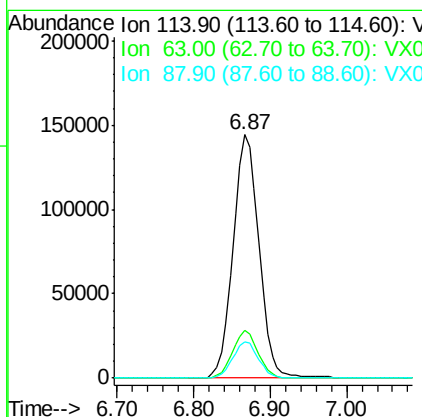
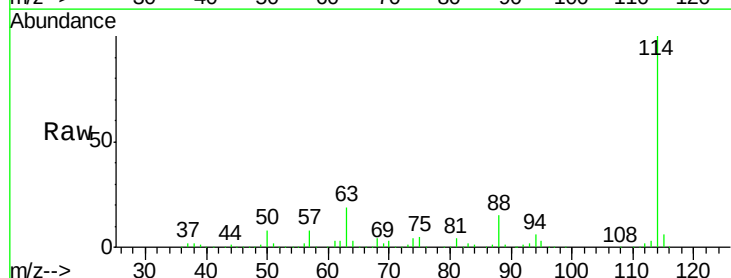
Instrument :
 MSVOA_X
 ClientSampleId :
 PB109456ZHE#13

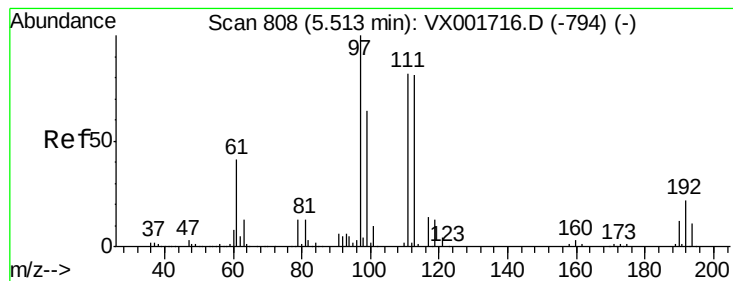
Tot Ion: 65 Resp: 157179
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001930.D
 Acq: 23 May 2018 08:06

Tgt Ion: 114 Resp: 338078
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 37.0
 88 14.7 0.0 29.8





#35

Dibromofluoromethane

Concen: 46.08 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001930.D

Acq: 23 May 2018 08:06

Instrument :

MSVOA_X

ClientSampleId :

PB109456ZHE#13

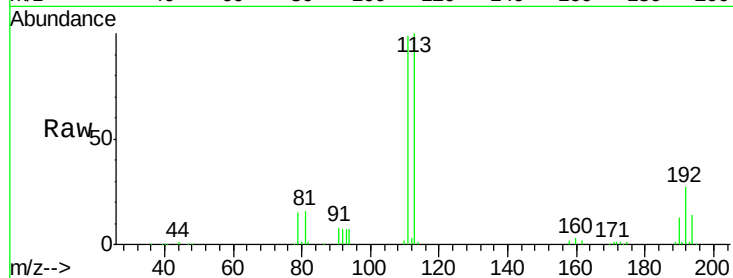
Tot Ion:113 Resp: 131462

Ion Ratio Lower Upper

113 100

111 101.9 82.0 123.0

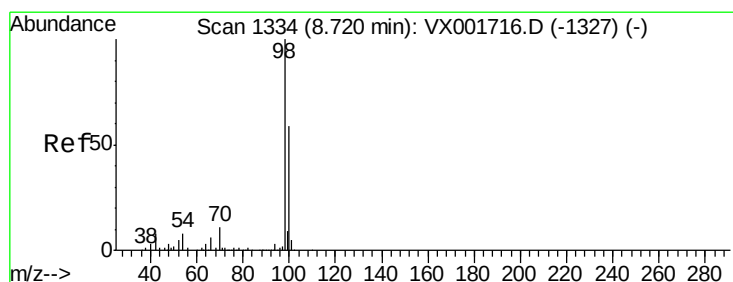
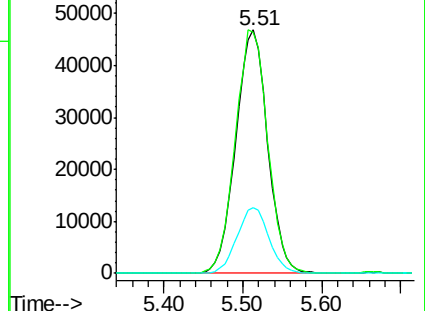
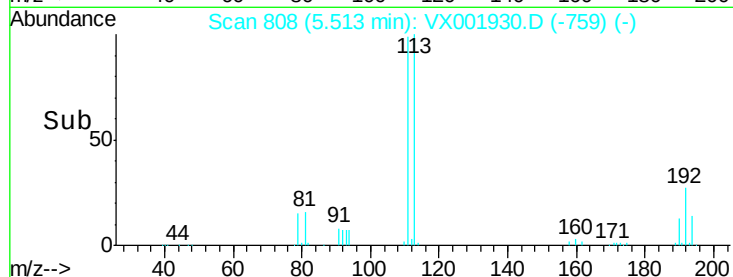
192 27.4 21.6 32.4



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



#50

Toluene-d8

Concen: 47.00 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001930.D

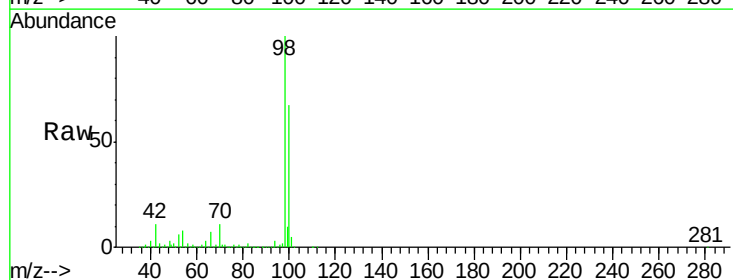
Acq: 23 May 2018 08:06

Tgt Ion: 98 Resp: 480300

Ion Ratio Lower Upper

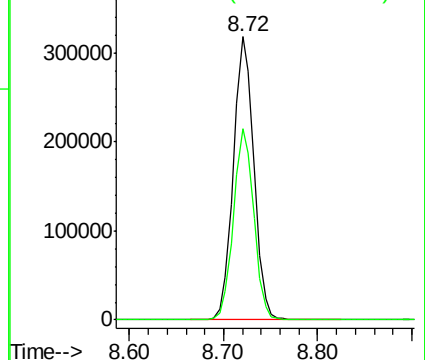
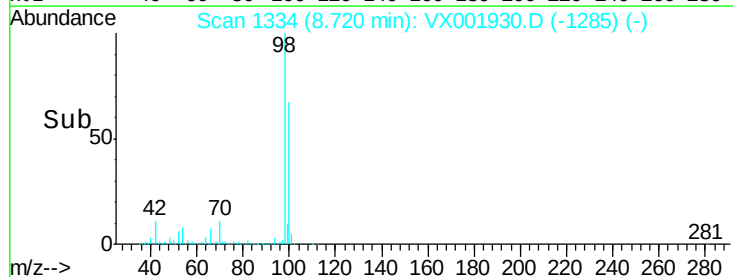
98 100

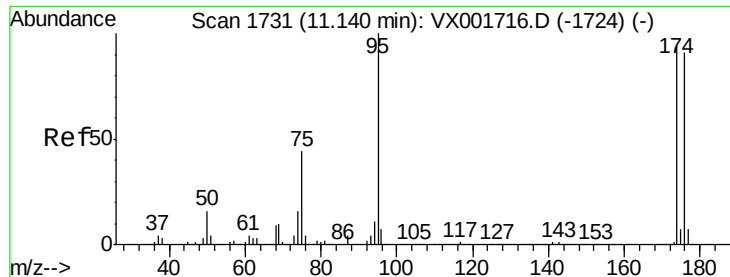
100 66.9 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

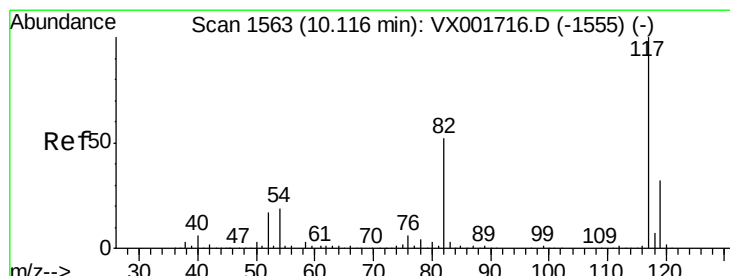
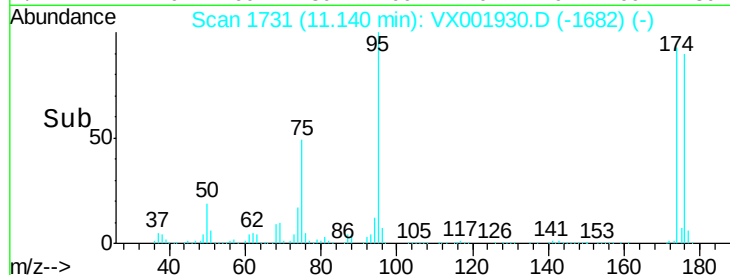
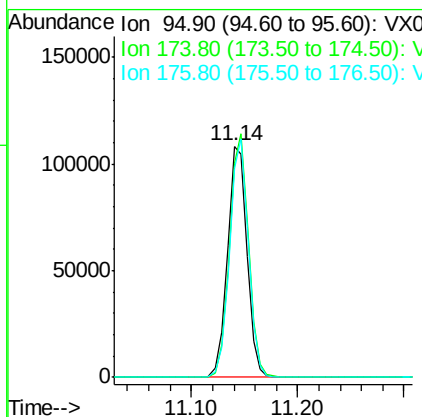
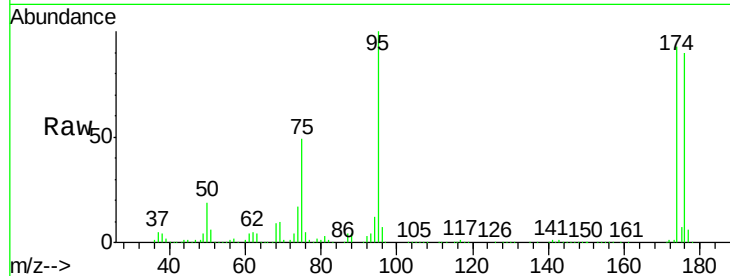




#62
 4-Bromofluorobenzene
 Concen: 37.91 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX001930.D
 Acq: 23 May 2018 08:06

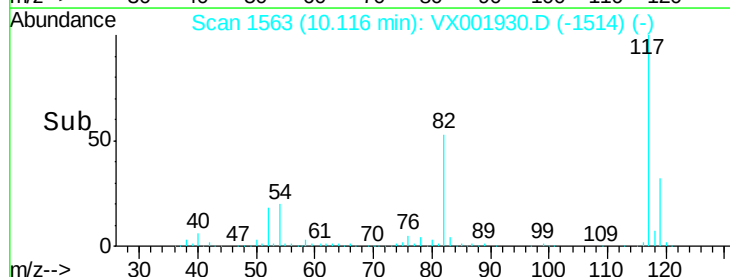
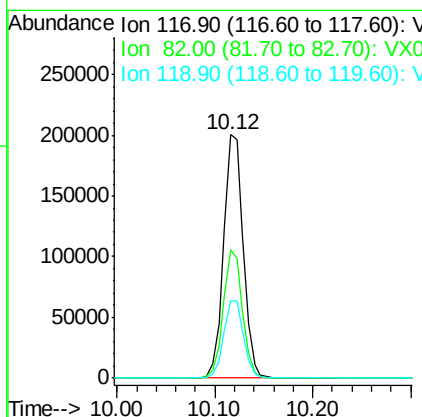
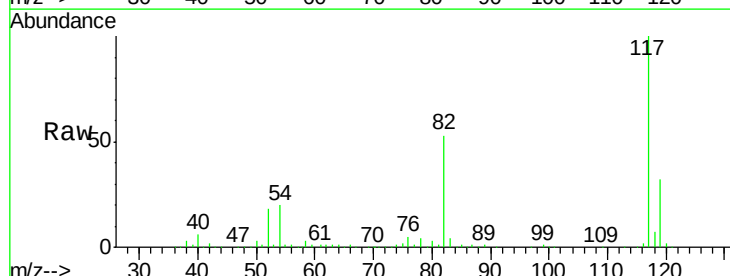
Instrument :
 MSVOA_X
 ClientSampleId :
 PB109456ZHE#13

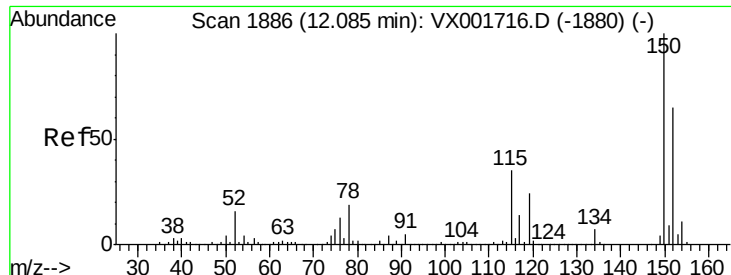
Tot Ion: 95 Resp: 139471
 Ion Ratio Lower Upper
 95 100
 174 102.6 0.0 201.8
 176 99.1 0.0 196.8



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: VX001930.D
 Acq: 23 May 2018 08:06

Tgt Ion: 117 Resp: 278020
 Ion Ratio Lower Upper
 117 100
 82 52.7 41.4 62.2
 119 31.8 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: VX001930.D

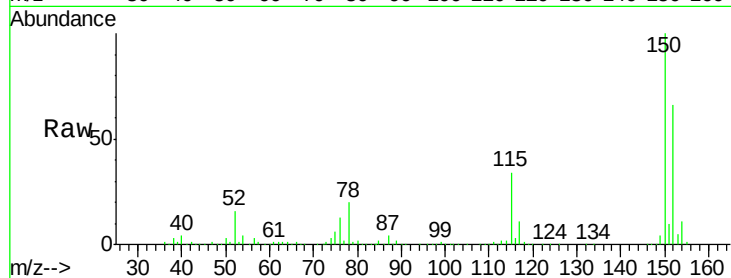
Acq: 23 May 2018 08:06

Instrument :

MSVOA_X

ClientSampleId :

PB109456ZHE#13



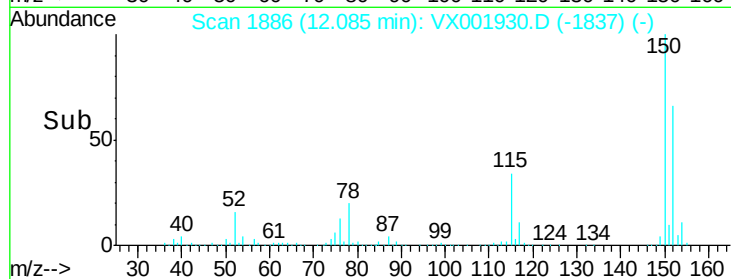
Tot Ion:152 Resp: 152002

Ion Ratio Lower Upper

152 100

115 51.9 37.4 112.2

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

