

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051218\
 Data File : VX001687.D
 Acq On : 13 May 2018 00:41
 Operator : JC/MD
 Sample : PB109200ZHE#03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB109200ZHE#03

Quant Time: May 14 07:38:06 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

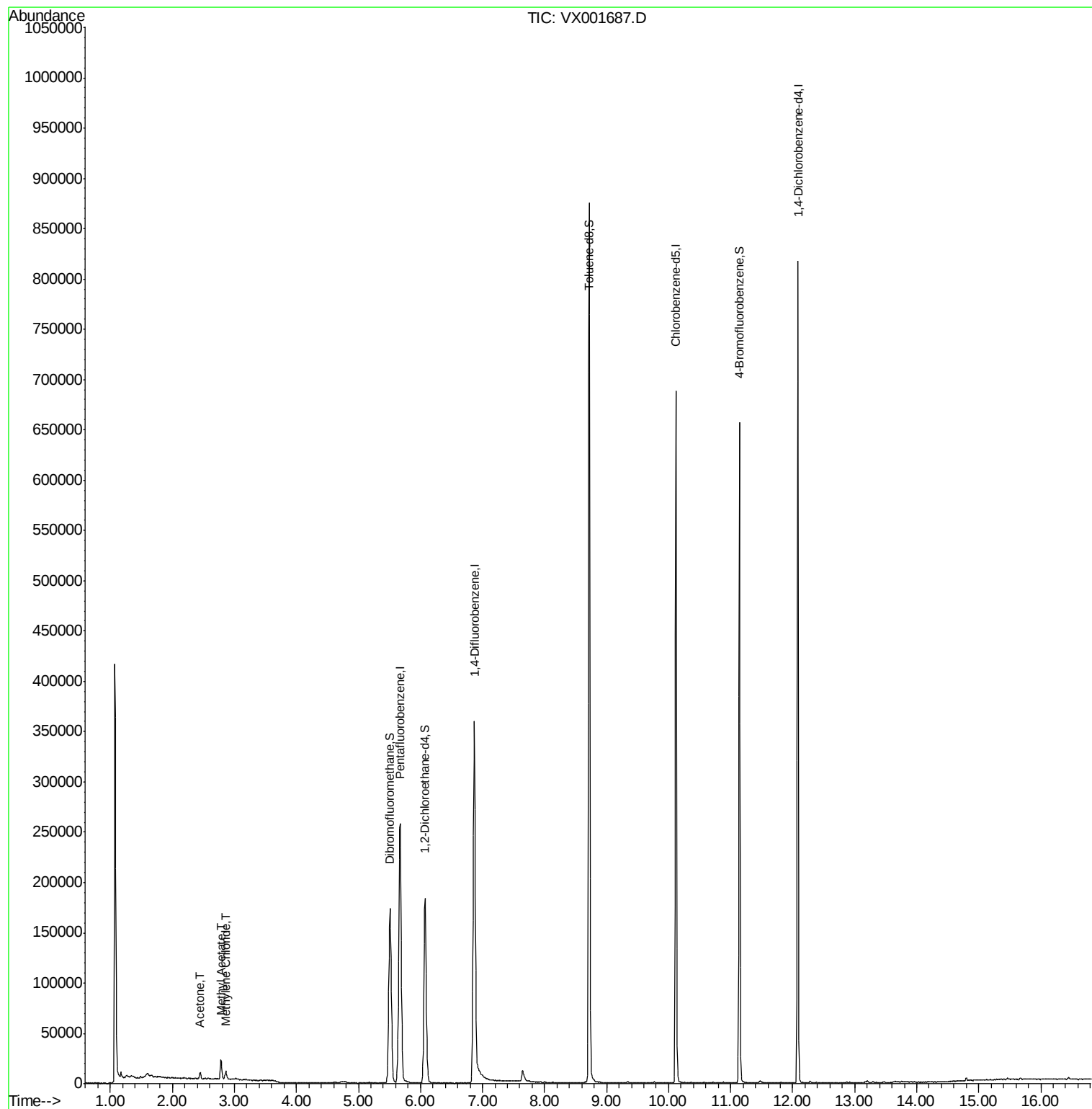
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	272890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	365926	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	324046	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	175143	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	176539	45.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.02%	
35) Dibromofluoromethane	5.51	113	142497	43.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.56%	
50) Toluene-d8	8.72	98	512763	43.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.32%	
62) 4-Bromofluorobenzene	11.14	95	163526	35.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.70%	
Target Compounds						
16) Acetone	2.45	43	7097	3.98	ug/l	97
18) Methyl Acetate	2.78	43	23062	4.93	ug/l	100
20) Methylene Chloride	2.86	84	3695	1.05	ug/l	96

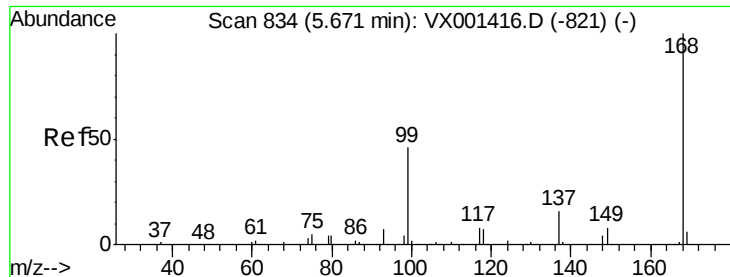
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001687.D

Acq: 13 May 2018 00:41

Instrument :

MSVOA_X

ClientSampleId :

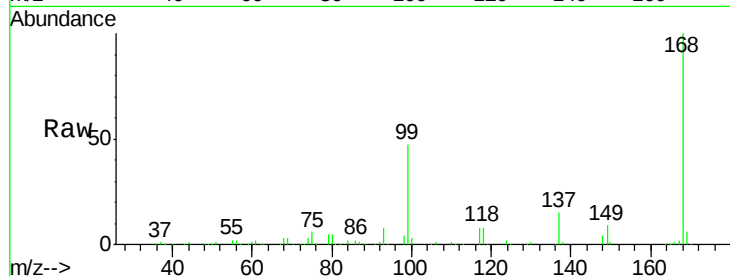
PB109200ZHE#03

Tot Ion:168 Resp: 272890

Ion Ratio Lower Upper

168 100

99 46.8 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

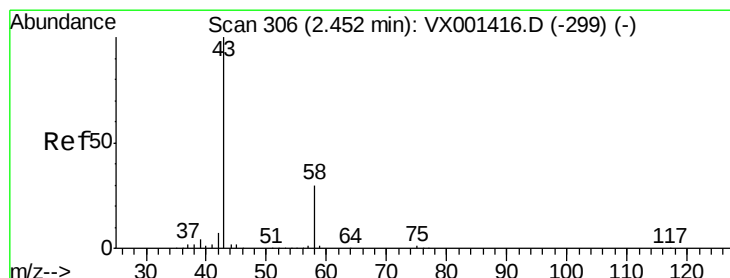
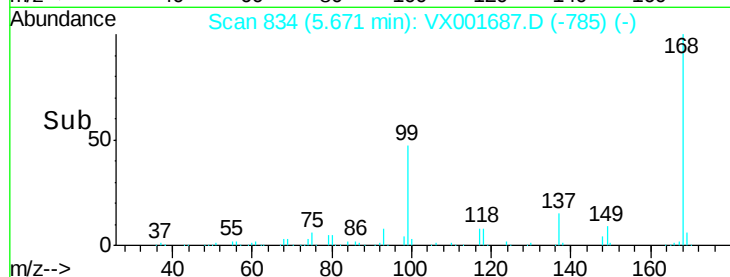
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.98 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001687.D

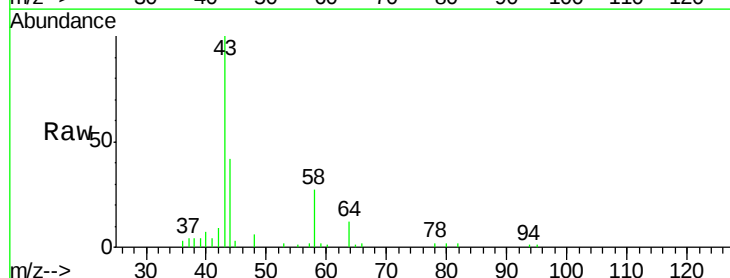
Acq: 13 May 2018 00:41

Tgt Ion: 43 Resp: 7097

Ion Ratio Lower Upper

43 100

58 28.4 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

5000

4000

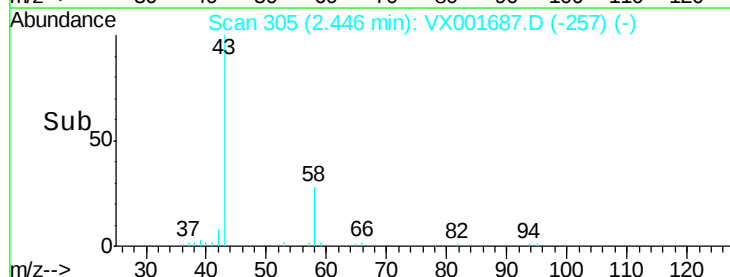
3000

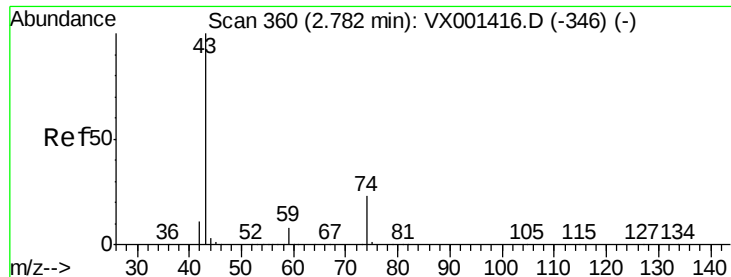
2000

1000

0

Time--> 2.40 2.45 2.50

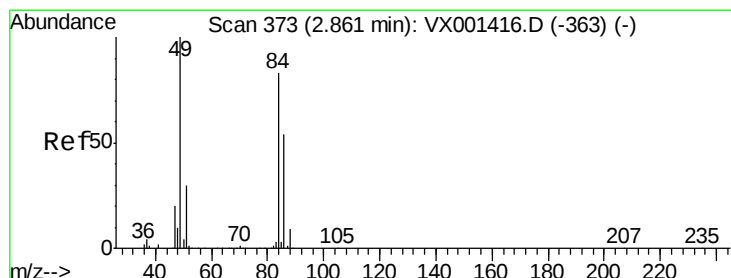
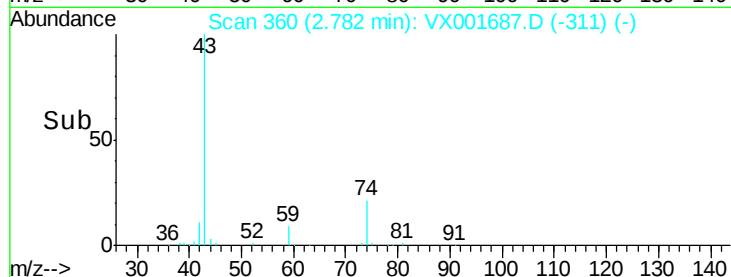
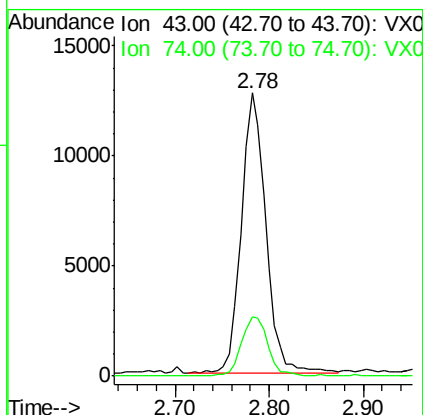
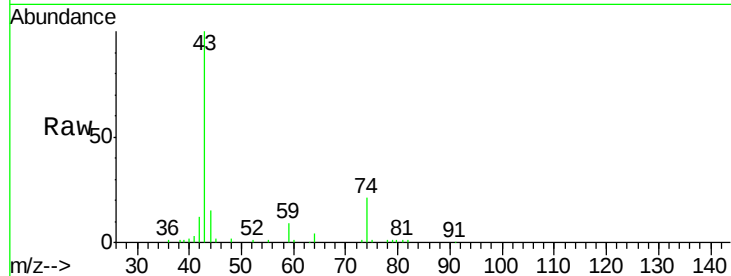




#18
Methvl Acetate
Concen: 4.93 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001687.D
Acq: 13 May 2018 00:41

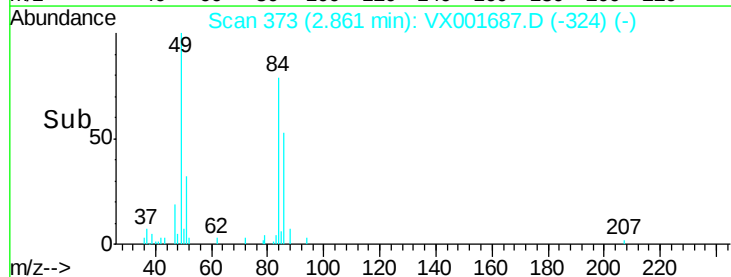
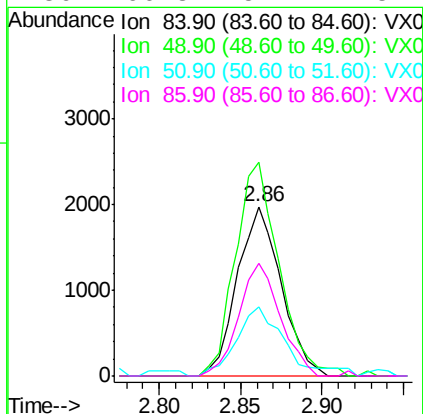
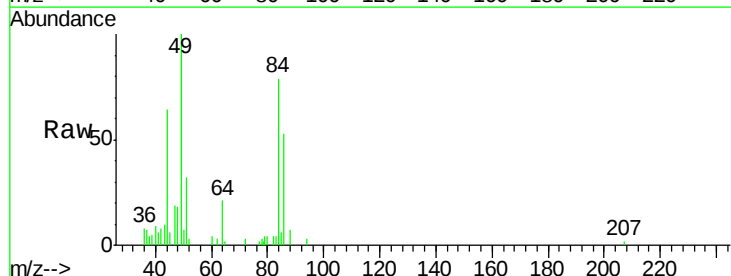
Instrument :
MSVOA_X
ClientSampleId :
PB109200ZHE#03

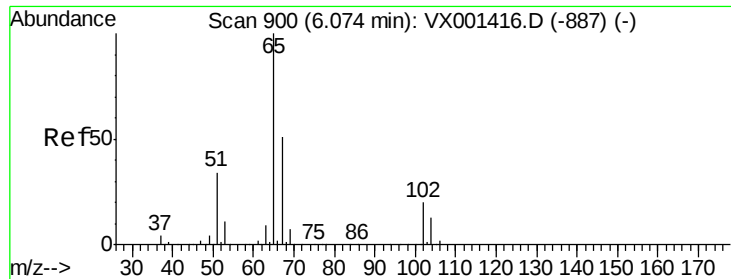
Tot Ion: 43 Resp: 23062
Ion Ratio Lower Upper
43 100
74 23.0 18.6 27.8



#20
Methylene Chloride
Concen: 1.05 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001687.D
Acq: 13 May 2018 00:41

Tgt Ion: 84 Resp: 3695
Ion Ratio Lower Upper
84 100
49 126.2 96.6 144.8
51 40.6 29.0 43.4
86 66.3 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 45.01 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001687.D

Acq: 13 May 2018 00:41

Instrument :

MSVOA_X

ClientSampleId :

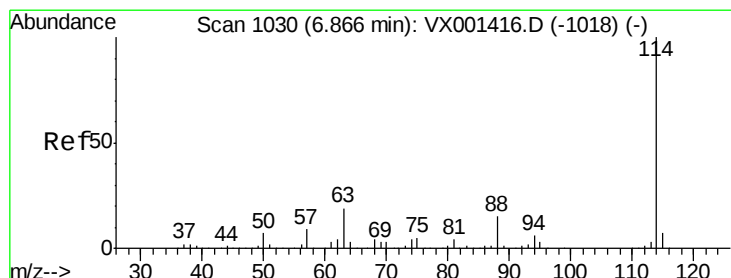
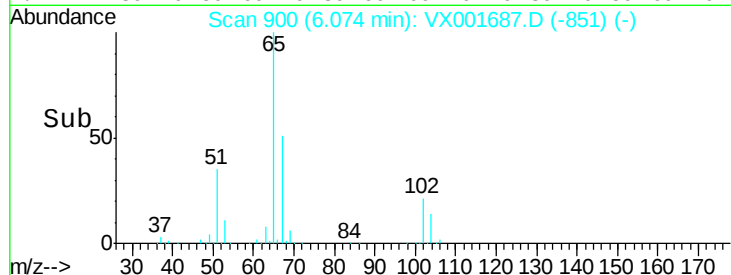
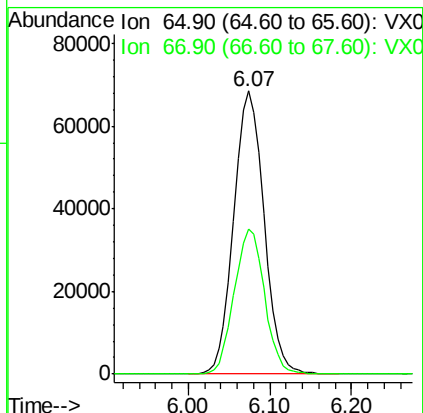
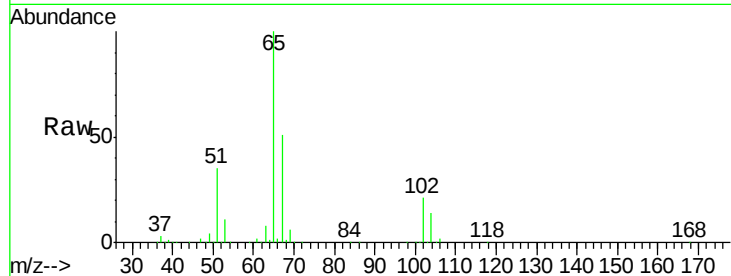
PB109200ZHE#03

Tot Ion: 65 Resp: 176539

Ion Ratio Lower Upper

65 100

67 51.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001687.D

Acq: 13 May 2018 00:41

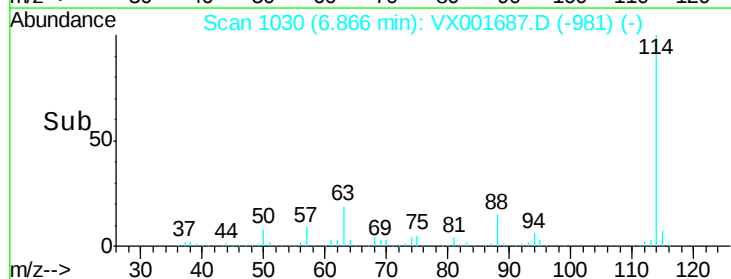
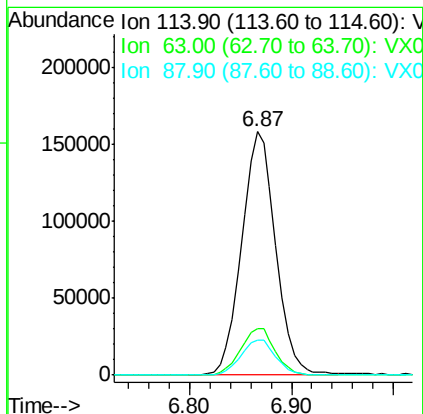
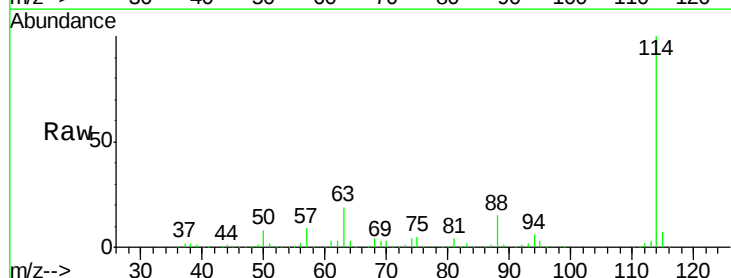
Tgt Ion: 114 Resp: 365926

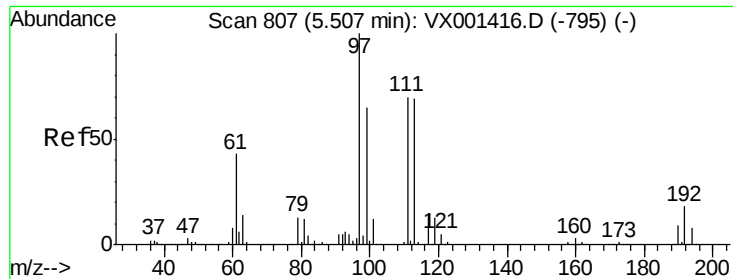
Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.6

88 14.6 0.0 30.8

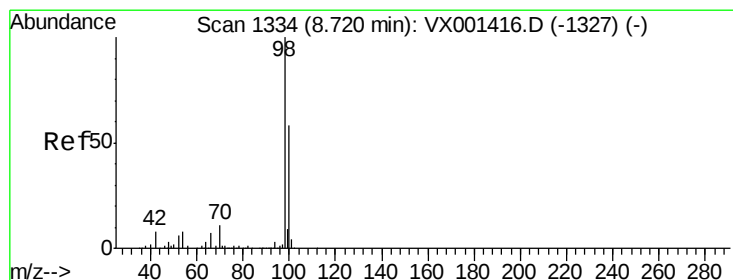
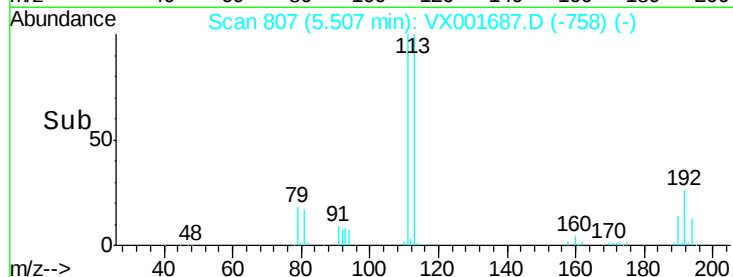
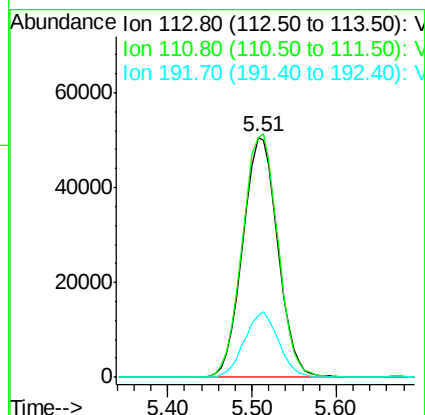
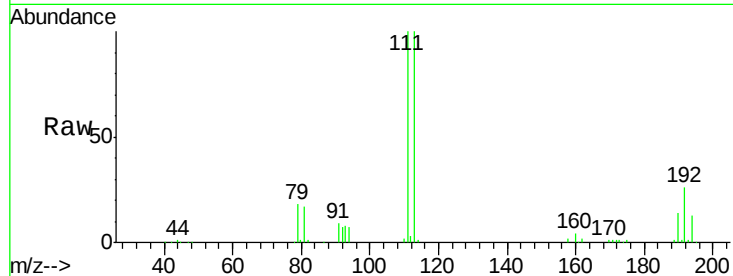




#35
 Dibromofluoromethane
 Concen: 43.78 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001687.D
 Acq: 13 May 2018 00:41

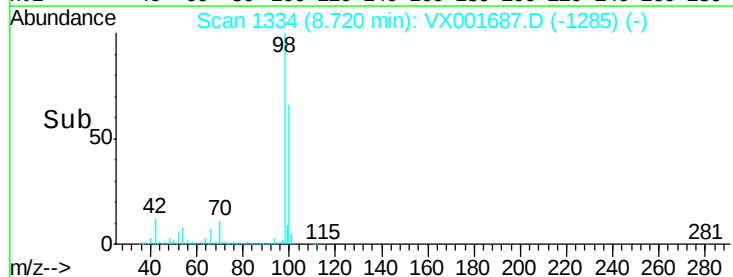
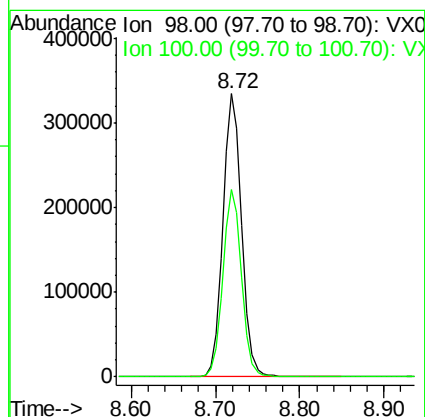
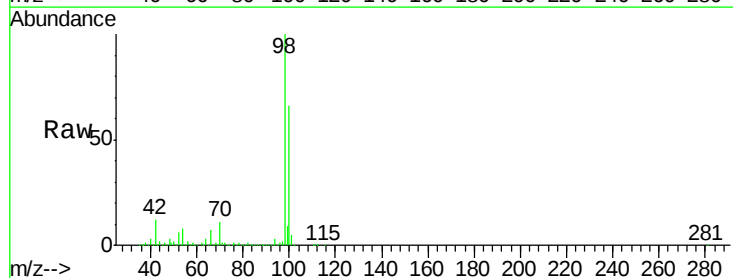
Instrument :
 MSVOA_X
 ClientSampleId :
 PB109200ZHE#03

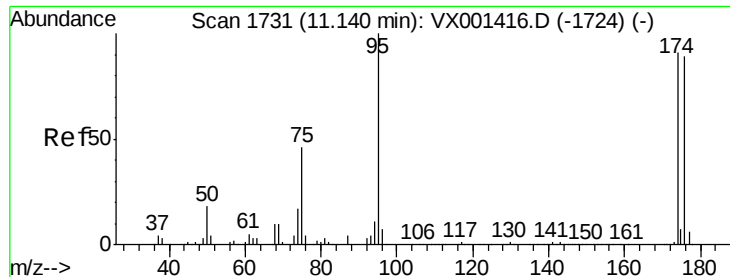
Tot Ion:113 Resp: 142497
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.2 123.2
 192 26.7 21.4 32.0



#50
 Toluene-d8
 Concen: 43.16 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX001687.D
 Acq: 13 May 2018 00:41

Tgt Ion: 98 Resp: 512763
 Ion Ratio Lower Upper
 98 100
 100 66.1 54.0 81.0

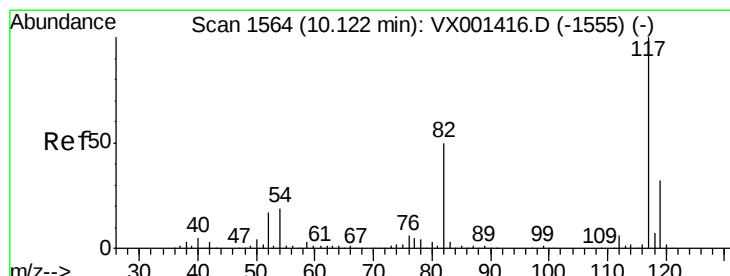
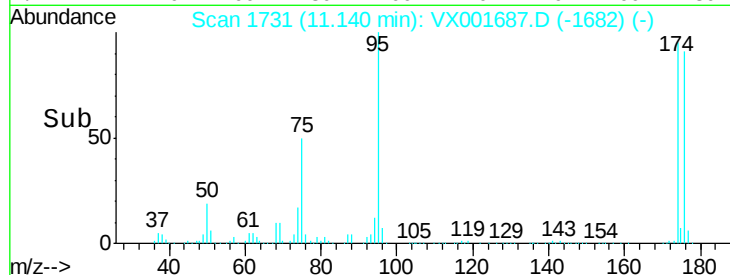
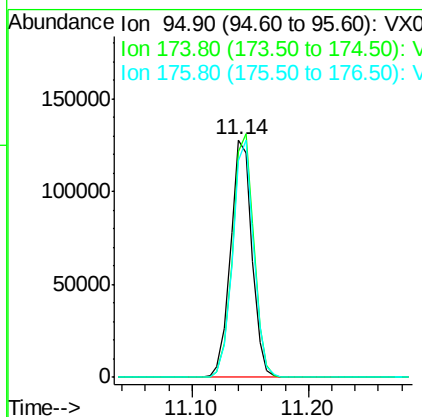
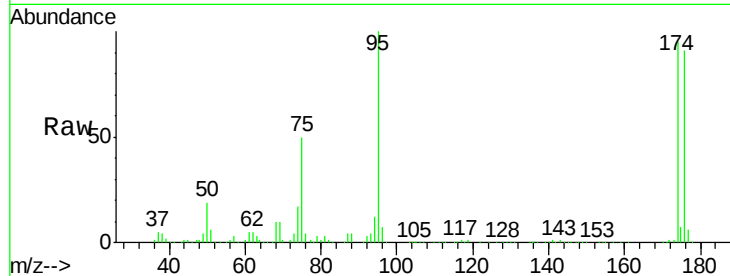




#62
4-Bromofluorobenzene
Concen: 35.85 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001687.D
Acq: 13 May 2018 00:41

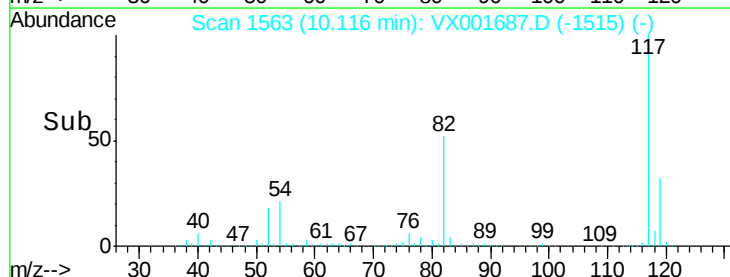
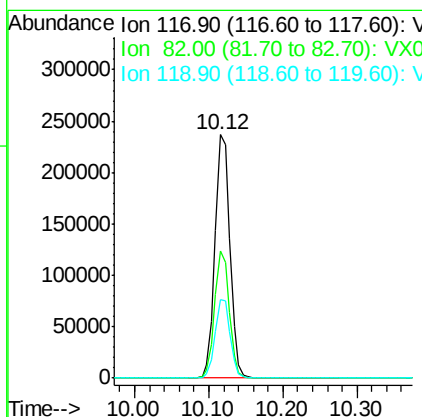
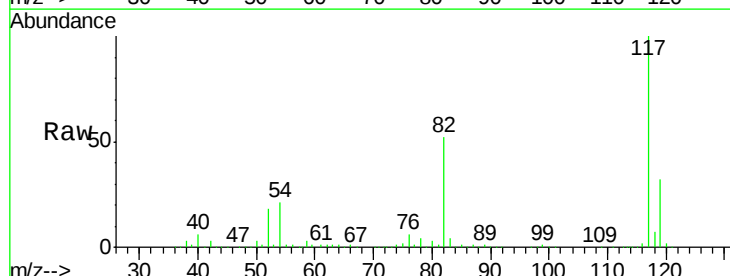
Instrument :
MSVOA_X
ClientSampleId :
PB109200ZHE#03

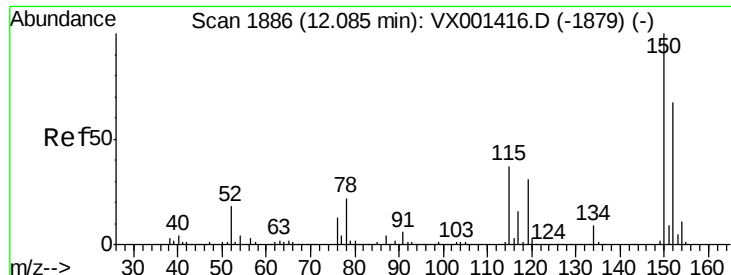
Tot Ion: 95 Resp: 163526
Ion Ratio Lower Upper
95 100
174 101.9 0.0 202.0
176 98.3 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001687.D
Acq: 13 May 2018 00:41

Tgt Ion: 117 Resp: 324046
Ion Ratio Lower Upper
117 100
82 52.2 40.0 60.0
119 32.3 25.8 38.8

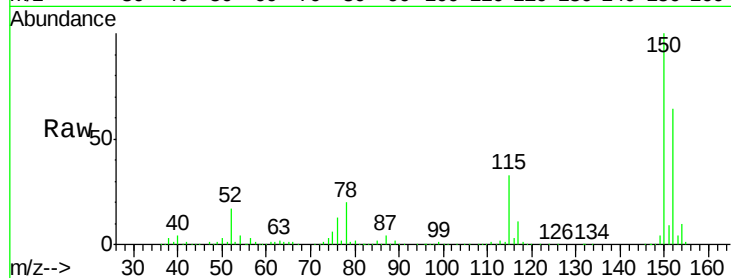




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX001687.D
 Acq: 13 May 2018 00:41

Instrument :
 MSVOA_X
 ClientSampleId :
 PB109200ZHE#03

Tot Ion:152 Resp: 175143
 Ion Ratio Lower Upper
 152 100
 115 51.7 37.7 113.1
 150 155.9 0.0 349.4



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

