

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051218\
 Data File : VX001686.D
 Acq On : 13 May 2018 00:14
 Operator : JC/MD
 Sample : PB109200ZHE#02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB109200ZHE#02

Quant Time: May 14 07:32:19 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

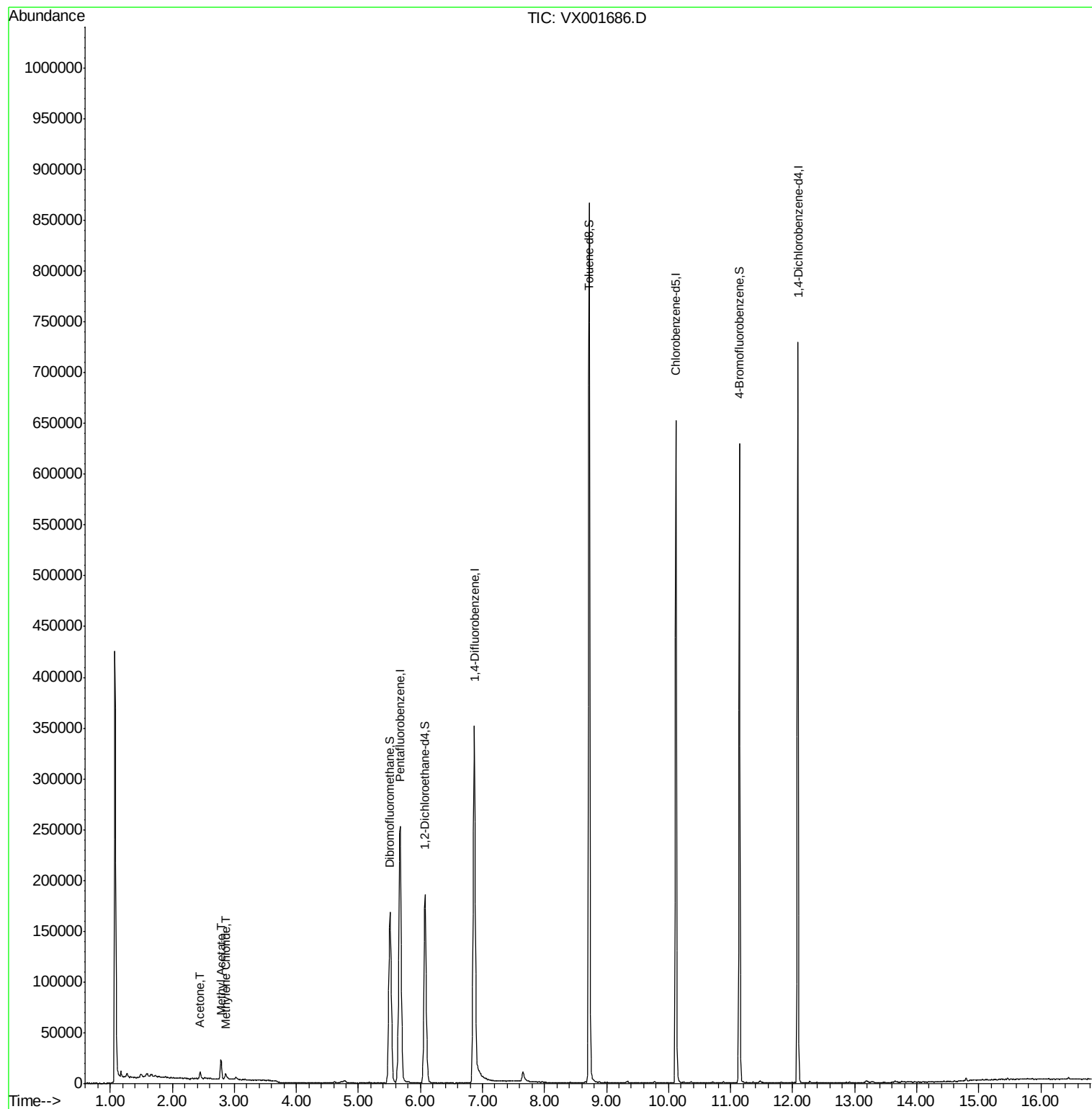
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	271259	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	360092	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	311749	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	162294	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	176451	45.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.52%	
35) Dibromofluoromethane	5.51	113	140655	43.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.82%	
50) Toluene-d8	8.72	98	500384	42.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.60%	
62) 4-Bromofluorobenzene	11.14	95	154096	34.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.66%	
Target Compounds						
16) Acetone	2.45	43	7029	3.97	ug/l	91
18) Methyl Acetate	2.78	43	22695	4.88	ug/l	100
20) Methylene Chloride	2.86	84	2736	0.78	ug/l	89

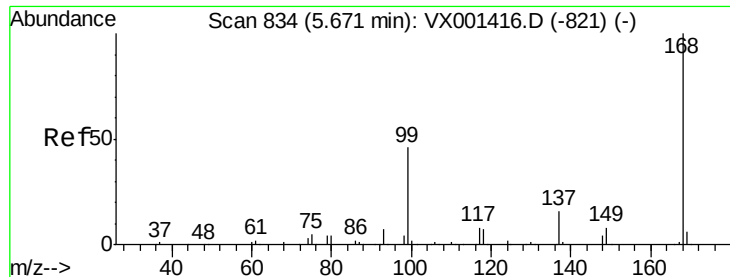
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001686.D

Acq: 13 May 2018 00:14

Instrument :

MSVOA_X

ClientSampleId :

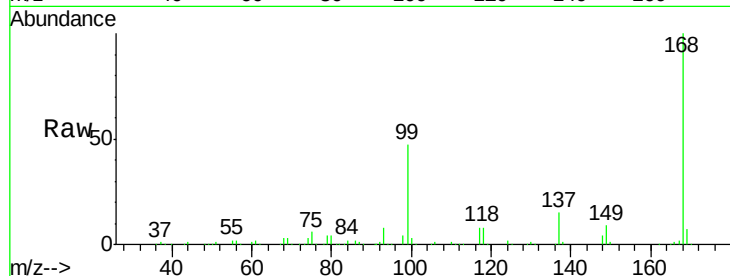
PB109200ZHE#02

Tot Ion:168 Resp: 271259

Ion Ratio Lower Upper

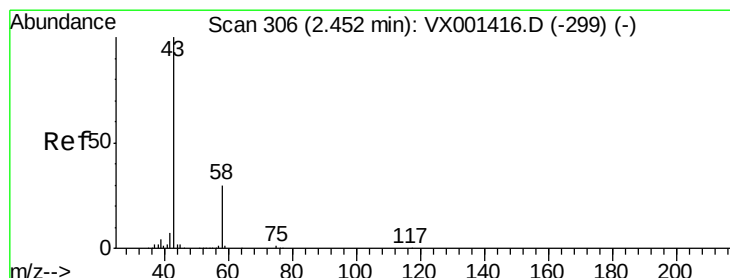
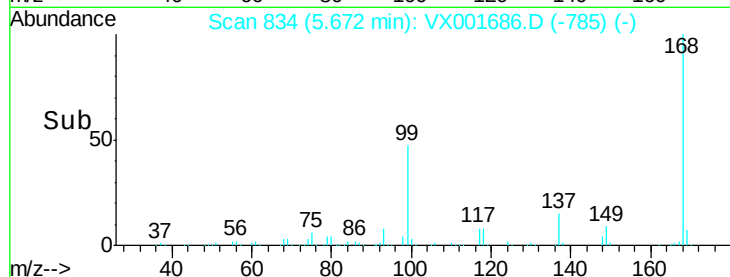
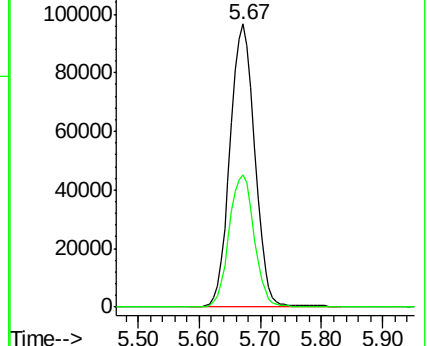
168 100

99 46.7 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 3.97 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001686.D

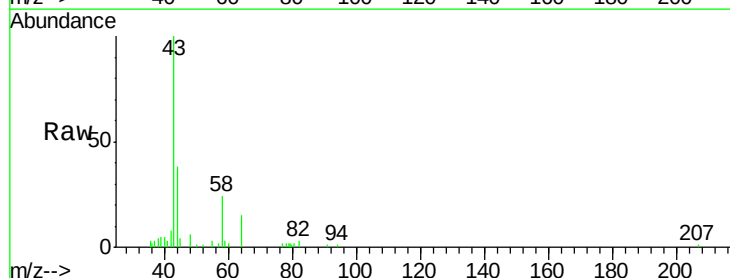
Acq: 13 May 2018 00:14

Tgt Ion: 43 Resp: 7029

Ion Ratio Lower Upper

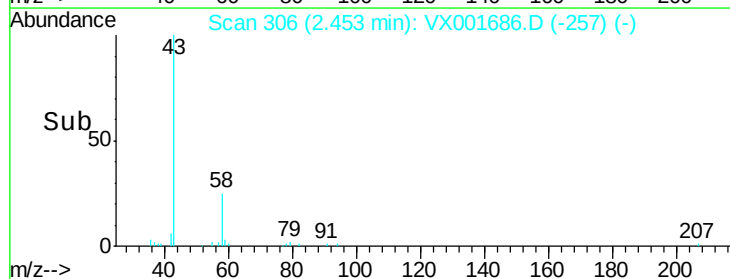
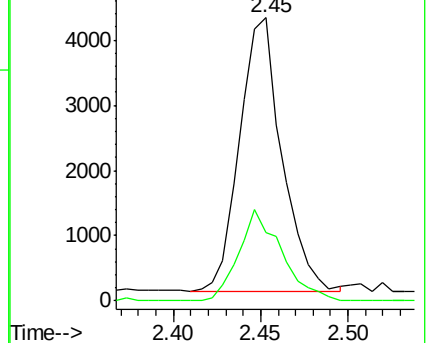
43 100

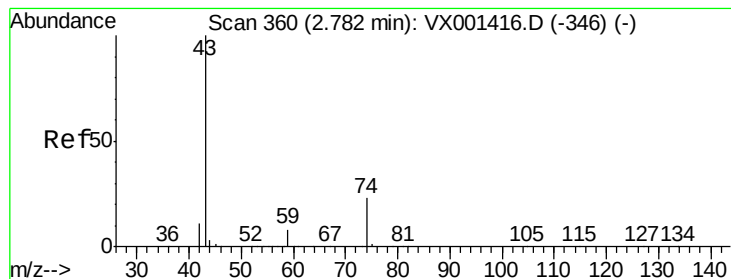
58 24.9 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#18

Methyl Acetate

Concen: 4.88 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001686.D

Acq: 13 May 2018 00:14

Instrument :

MSVOA_X

ClientSampleId :

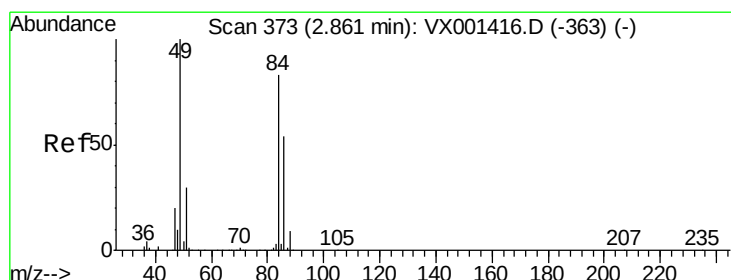
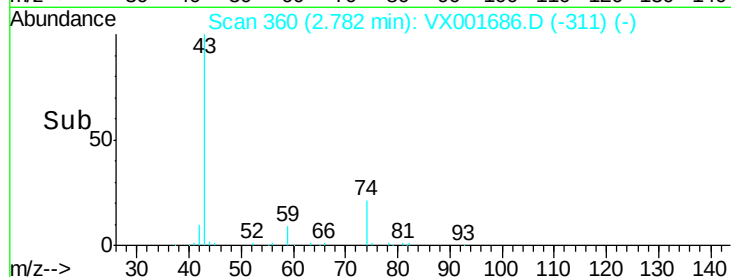
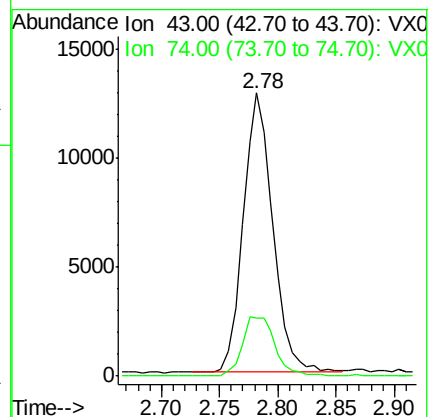
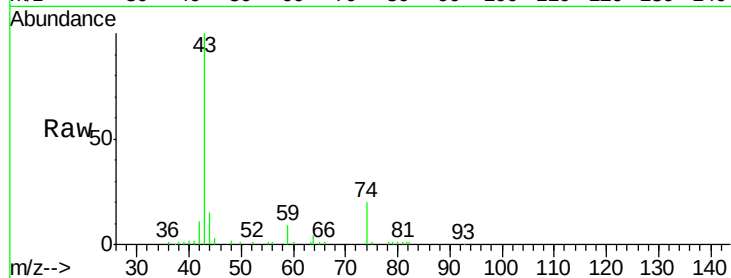
PB109200ZHE#02

Tot Ion: 43 Resp: 22695

Ion Ratio Lower Upper

43 100

74 23.4 18.6 27.8



#20

Methylene Chloride

Concen: 0.78 ug/l

RT: 2.86 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX001686.D

Acq: 13 May 2018 00:14

Tgt Ion: 84 Resp: 2736

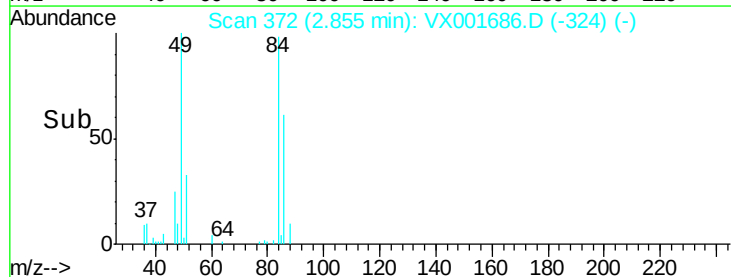
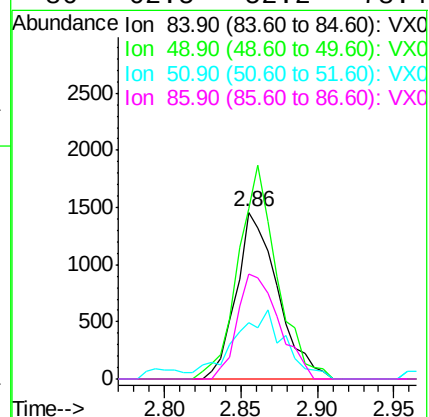
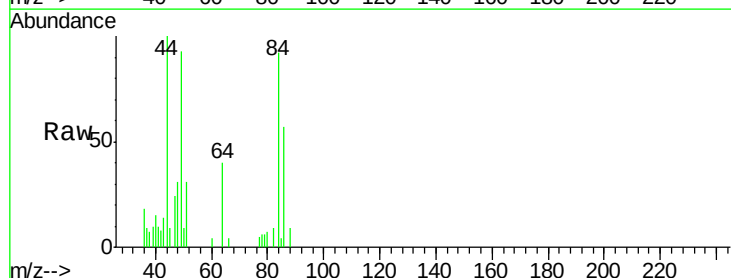
Ion Ratio Lower Upper

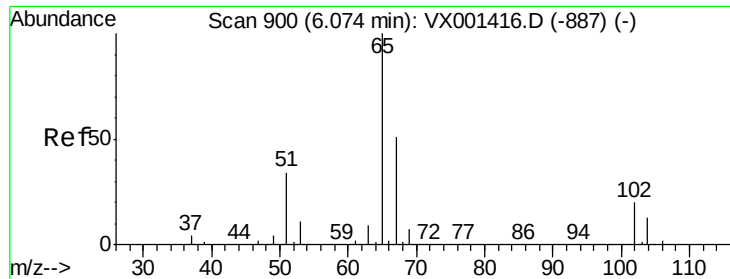
84 100

49 101.8 96.6 144.8

51 33.8 29.0 43.4

86 62.5 52.2 78.4

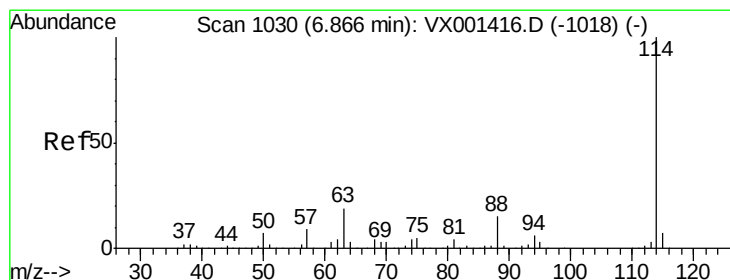
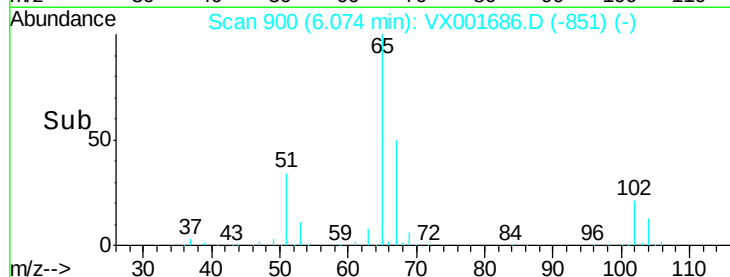
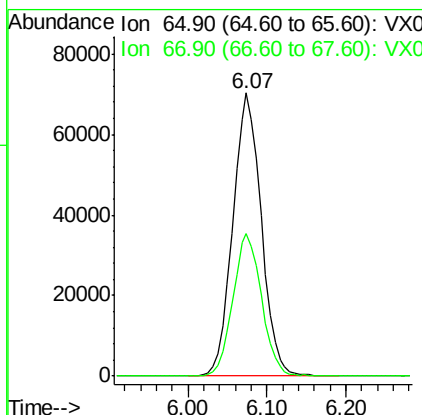
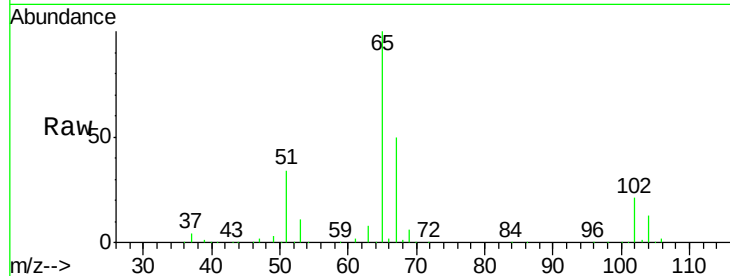




#33
 1,2-Dichloroethane-d4
 Concen: 45.26 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001686.D
 Acq: 13 May 2018 00:14

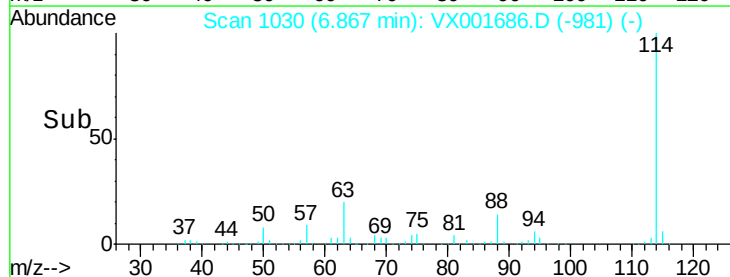
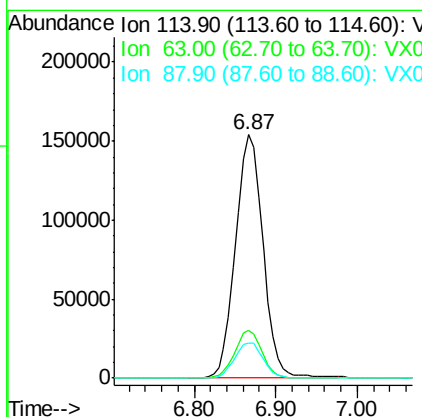
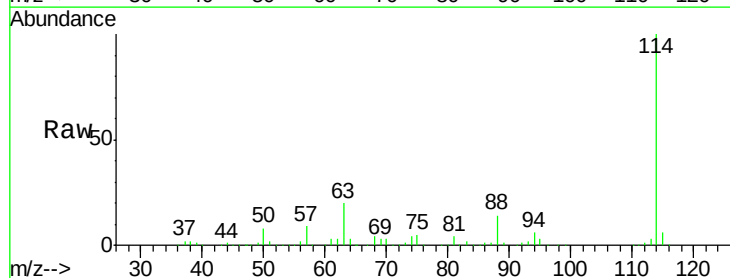
Instrument :
 MSVOA_X
 ClientSampleId :
 PB109200ZHE#02

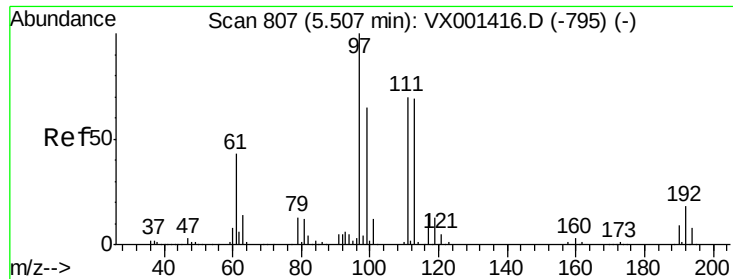
Tot Ion: 65 Resp: 176451
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001686.D
 Acq: 13 May 2018 00:14

Tgt Ion: 114 Resp: 360092
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.6
 88 14.5 0.0 30.8





#35

Dibromofluoromethane

Concen: 43.91 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX001686.D

Acq: 13 May 2018 00:14

Instrument :

MSVOA_X

ClientSampleId :

PB109200ZHE#02

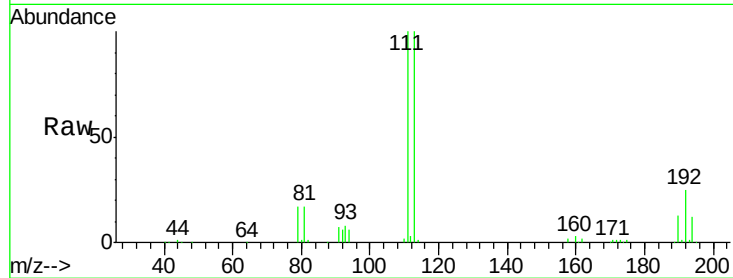
Tot Ion:113 Resp: 140655

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.2

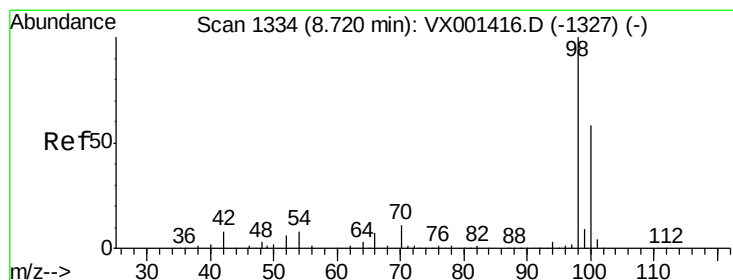
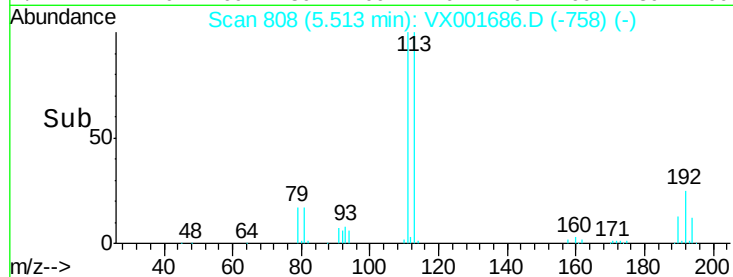
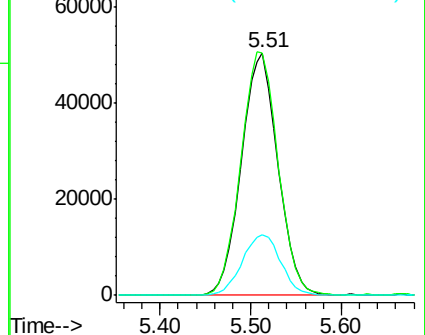
192 26.3 21.4 32.0



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: 42.80 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001686.D

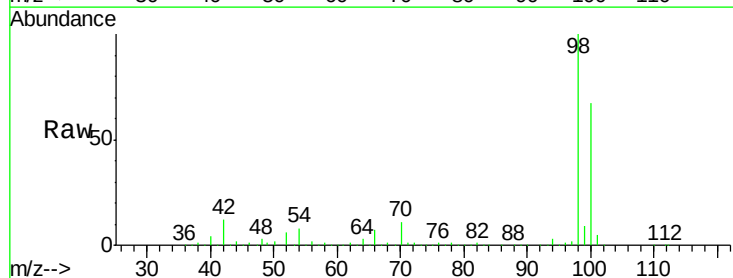
Acq: 13 May 2018 00:14

Tgt Ion: 98 Resp: 500384

Ion Ratio Lower Upper

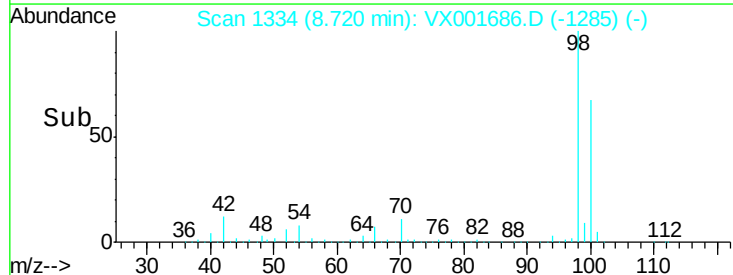
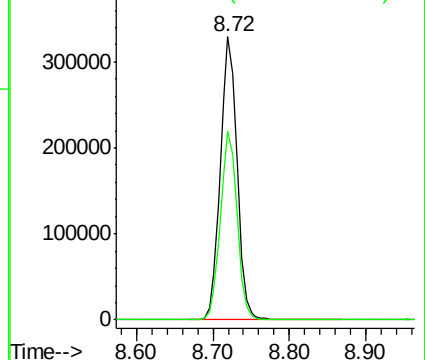
98 100

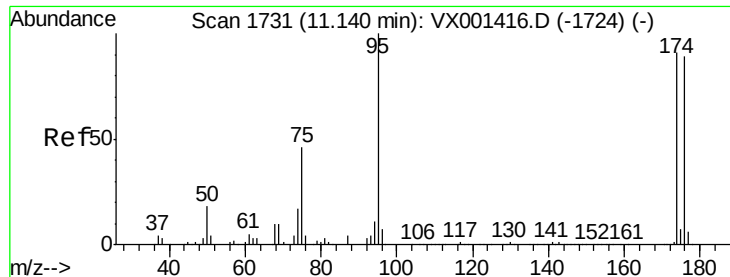
100 66.6 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

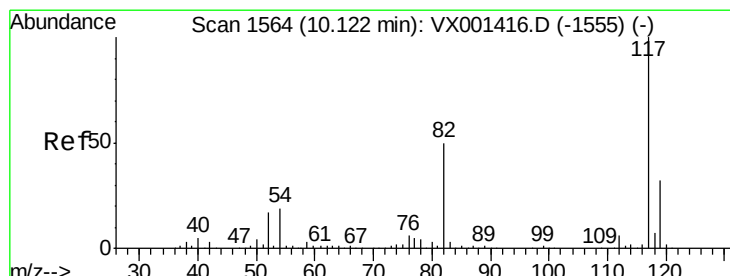
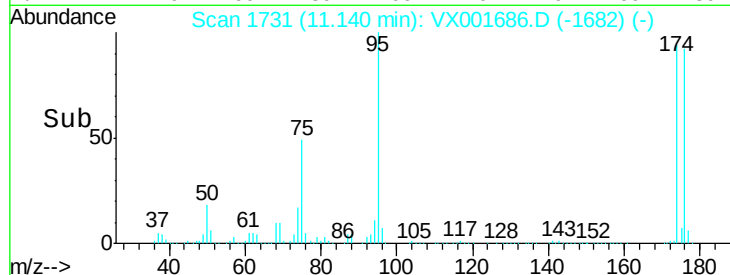
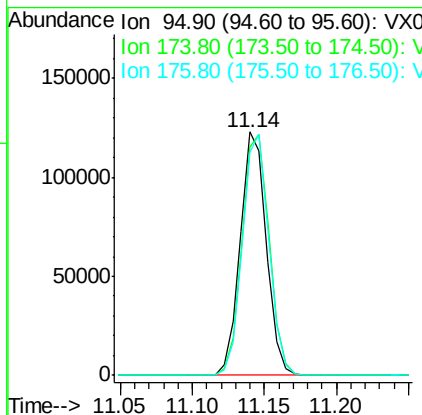
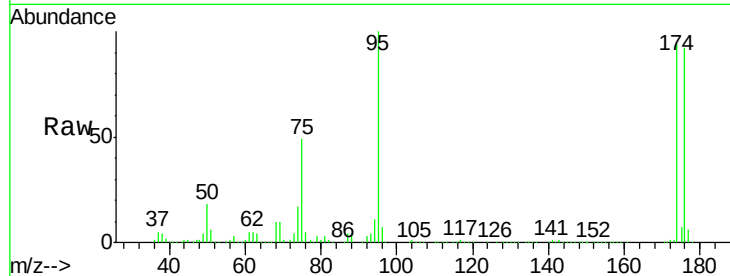




#62
4-Bromofluorobenzene
Concen: 34.33 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001686.D
Acq: 13 May 2018 00:14

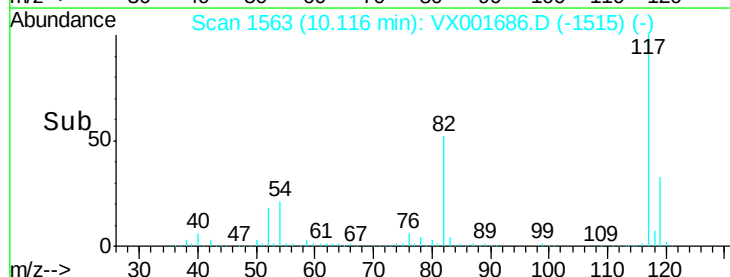
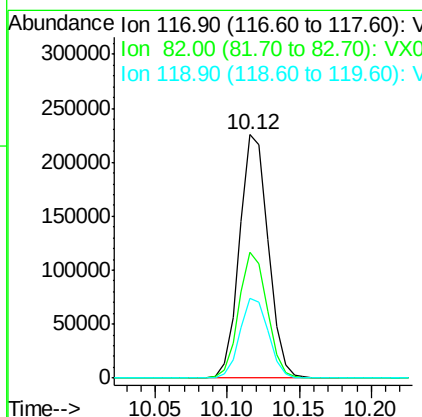
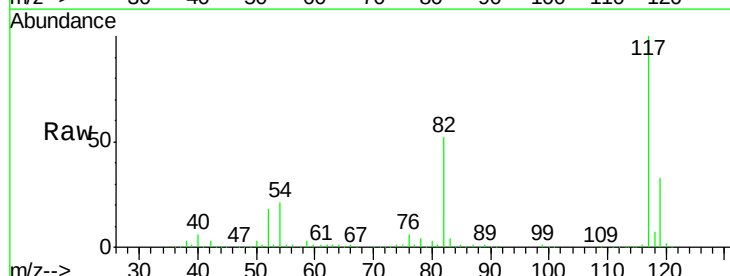
Instrument :
MSVOA_X
ClientSampleId :
PB109200ZHE#02

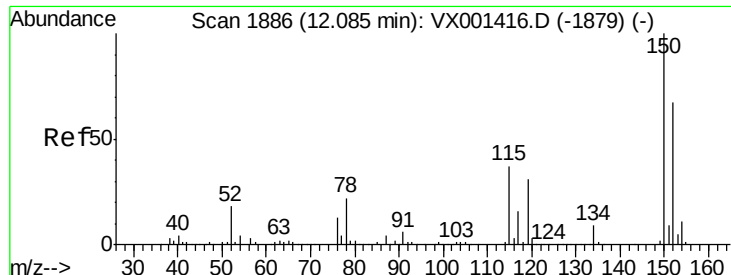
Tot Ion: 95 Resp: 154096
Ion Ratio Lower Upper
95 100
174 103.0 0.0 202.0
176 99.9 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001686.D
Acq: 13 May 2018 00:14

Tgt Ion: 117 Resp: 311749
Ion Ratio Lower Upper
117 100
82 51.9 40.0 60.0
119 32.5 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001686.D

Acq: 13 May 2018 00:14

Instrument :

MSVOA_X

ClientSampleId :

PB109200ZHE#02

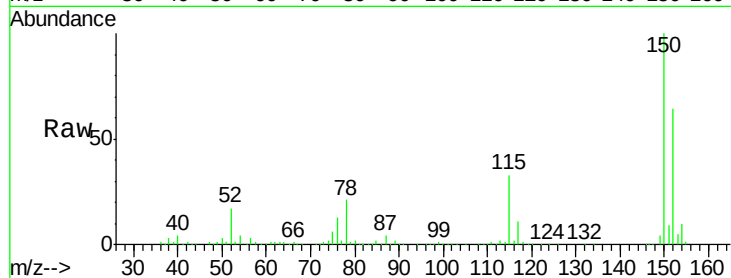
Tot Ion:152 Resp: 162294

Ion Ratio Lower Upper

152 100

115 52.7 37.7 113.1

150 156.0 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

