

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071618\
 Data File : VX003406.D
 Acq On : 16 Jul 2018 22:47
 Operator : JC/MD
 Sample : PB111123ZHE#14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB111123ZHE#14

Quant Time: Jul 17 03:11:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 13:15:28 2018
 Response via : Initial Calibration

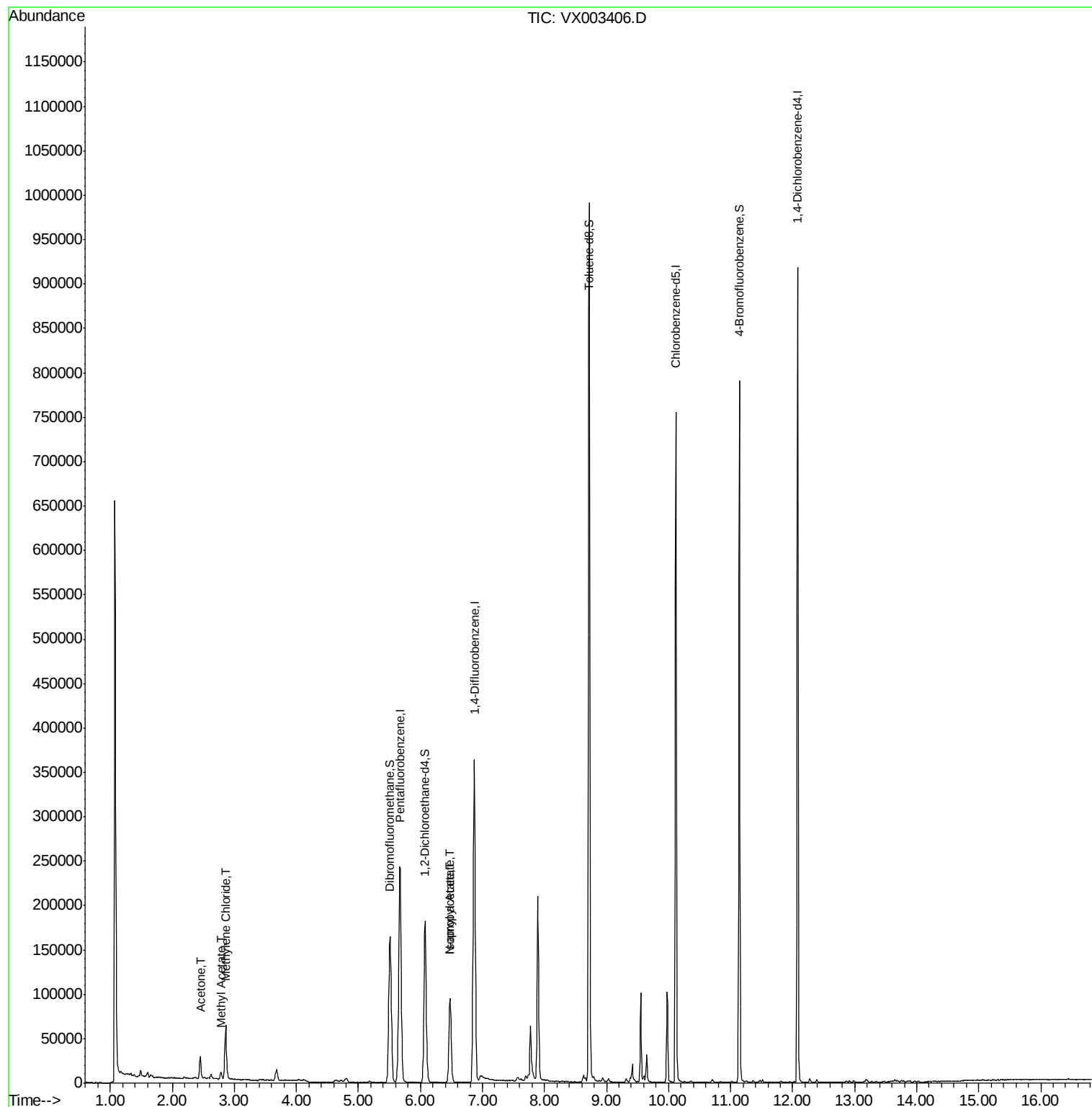
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	252017	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	370329	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	343407	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	198875	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	165684	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
35) Dibromofluoromethane	5.51	113	144143	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
50) Toluene-d8	8.72	98	599988	54.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.52%	
62) 4-Bromofluorobenzene	11.14	95	189611	48.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.06%	
Target Compounds						
16) Acetone	2.45	43	27010	19.68	ug/l #	86
18) Methyl Acetate	2.78	43	9937	2.22	ug/l	95
20) Methylene Chloride	2.86	84	29939	9.58	ug/l	89
43) Isopropyl Acetate	6.48	43	121992	19.13	ug/l	94
74) N-amyl acetate	6.48	43	121992	19.92	ug/l #	94

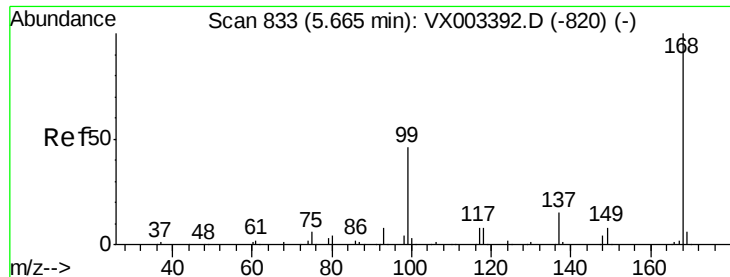
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jul 16 13:15:28 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003406.D

Acq: 16 Jul 2018 22:47

Instrument :

MSVOA_X

ClientSampleId :

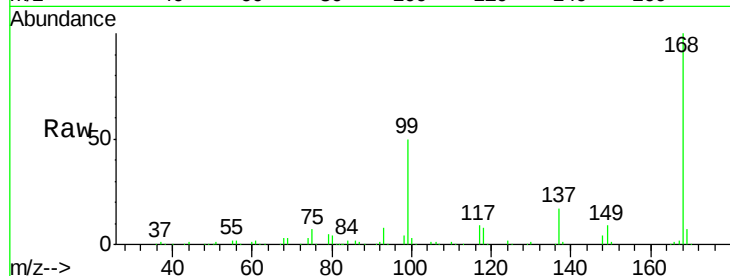
PB111123ZHE#14

Tot Ion:168 Resp: 252017

Ion Ratio Lower Upper

168 100

99 49.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

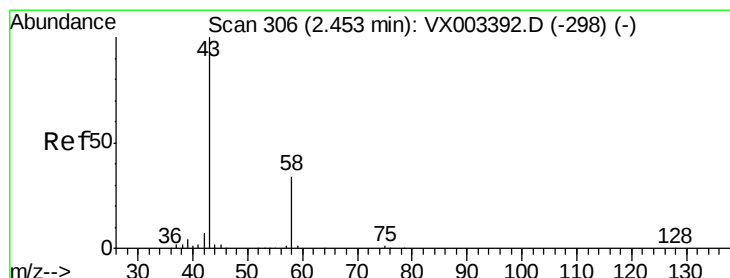
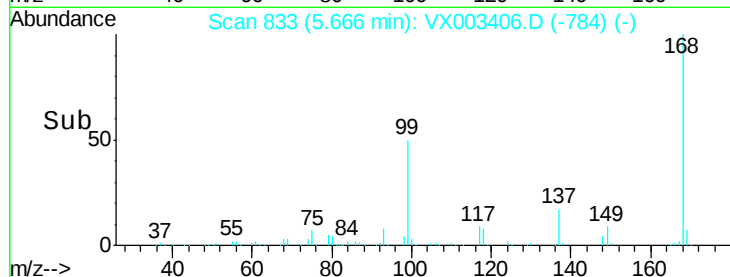
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 19.68 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX003406.D

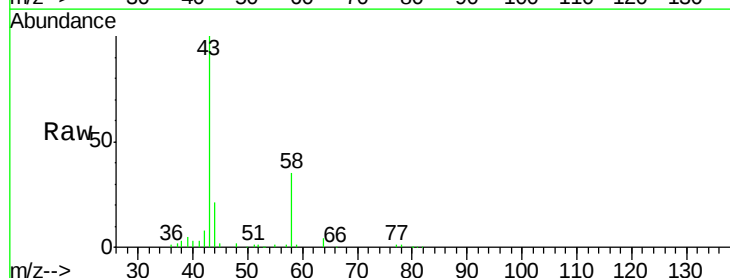
Acq: 16 Jul 2018 22:47

Tgt Ion: 43 Resp: 27010

Ion Ratio Lower Upper

43 100

58 34.9 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

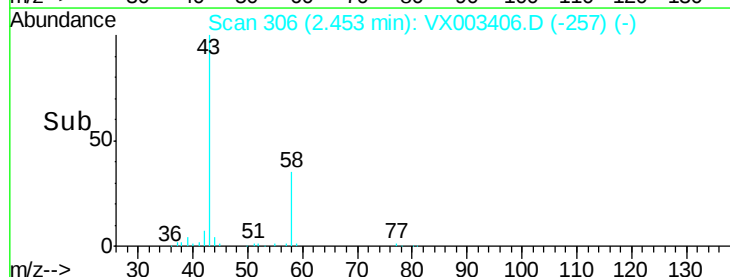
15000

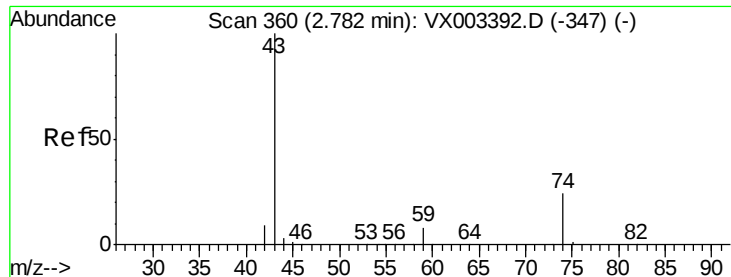
10000

5000

0

Time--> 2.40 2.45 2.50

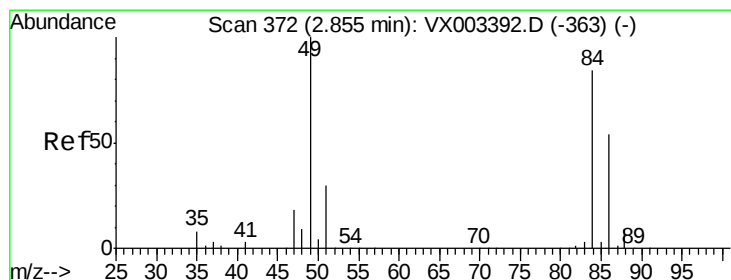
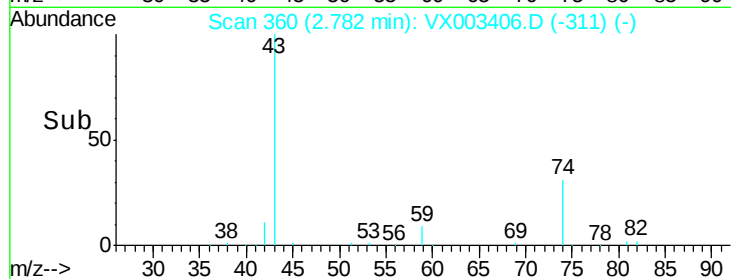
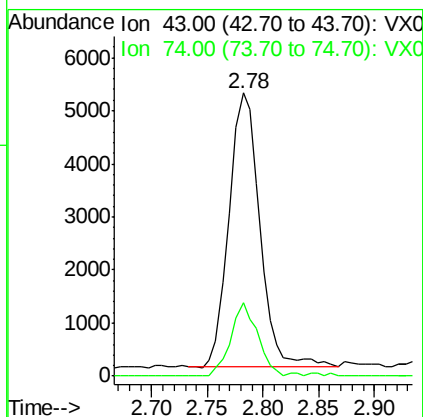
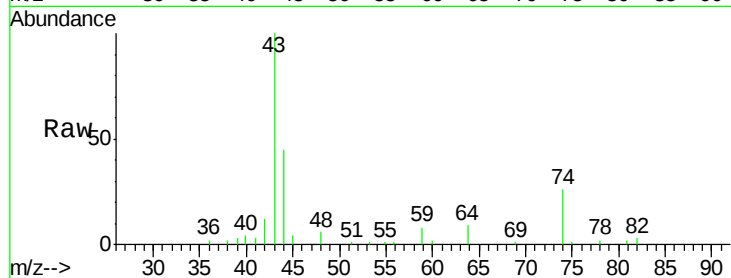




#18
Methyl Acetate
Concen: 2.22 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003406.D
Acq: 16 Jul 2018 22:47

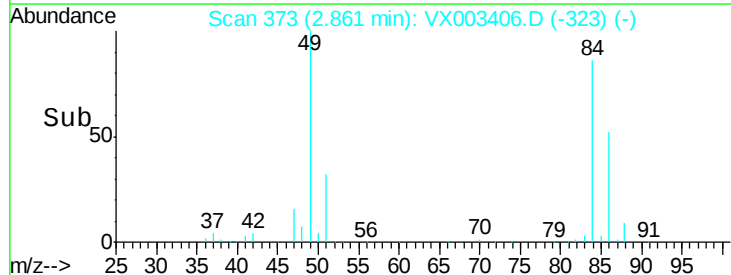
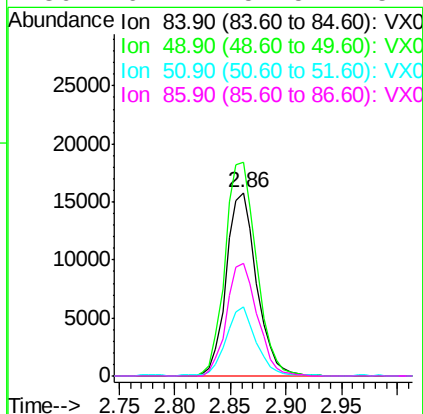
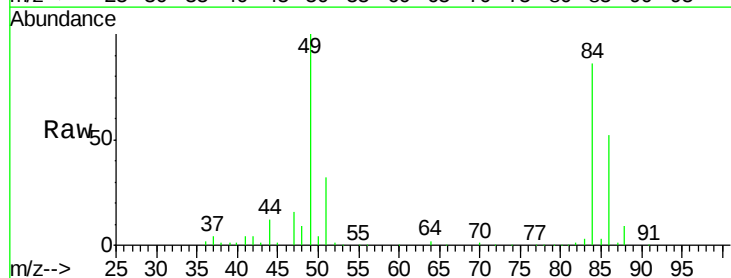
Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#14

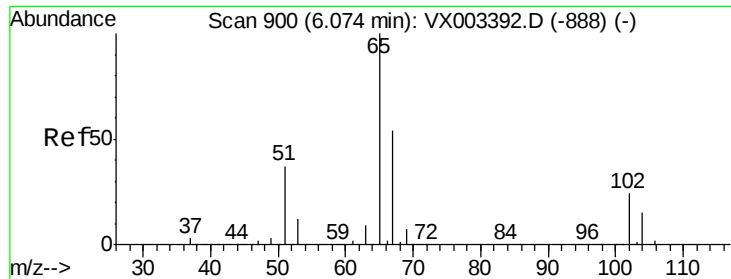
Tot Ion: 43 Resp: 9937
Ion Ratio Lower Upper
43 100
74 23.2 16.7 25.1



#20
Methylene Chloride
Concen: 9.58 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003406.D
Acq: 16 Jul 2018 22:47

Tgt Ion: 84 Resp: 29939
Ion Ratio Lower Upper
84 100
49 116.5 107.8 161.6
51 37.7 32.8 49.2
86 61.1 52.5 78.7





#33

1,2-Dichloroethane-d4

Concen: 50.20 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX003406.D

Acq: 16 Jul 2018 22:47

Instrument :

MSVOA_X

ClientSampleId :

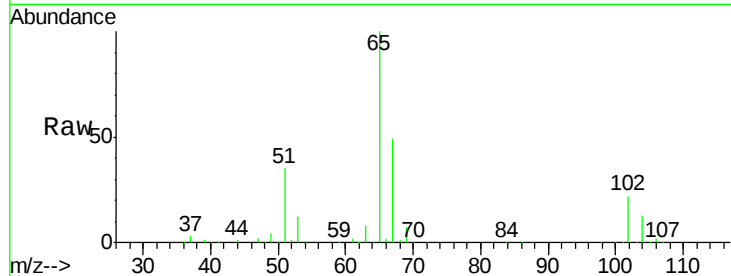
PB111123ZHE#14

Tot Ion: 65 Resp: 165684

Ion Ratio Lower Upper

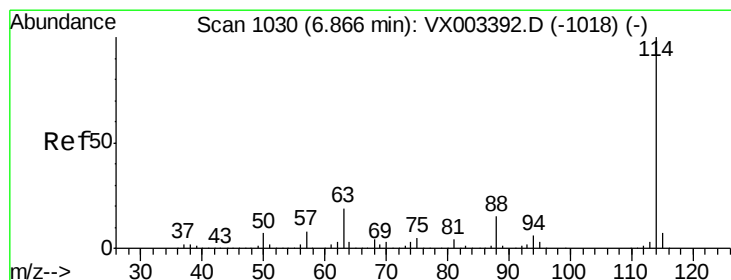
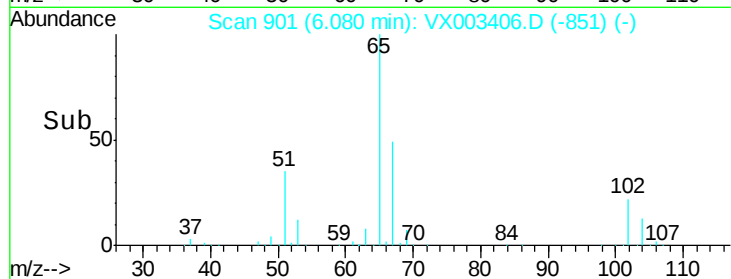
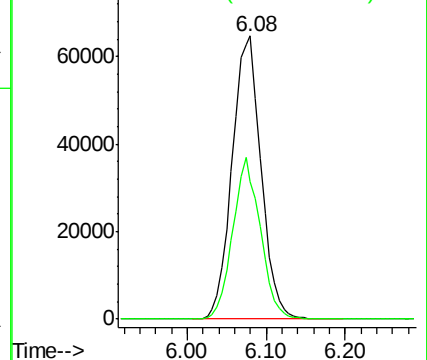
65 100

67 54.1 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003406.D

Acq: 16 Jul 2018 22:47

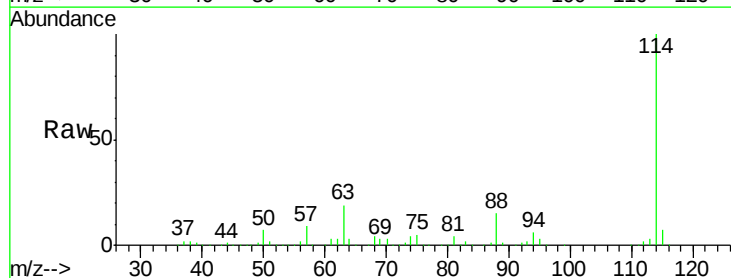
Tgt Ion: 114 Resp: 370329

Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.4

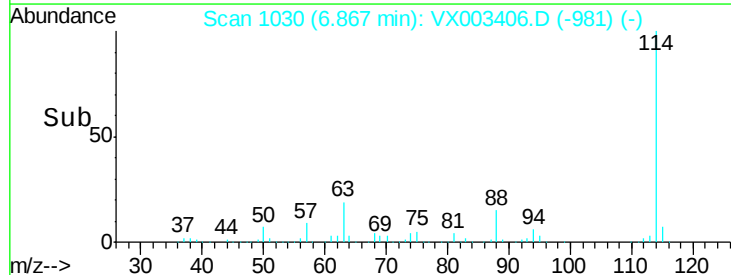
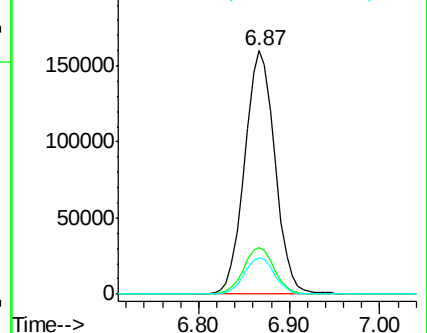
88 15.1 0.0 30.0

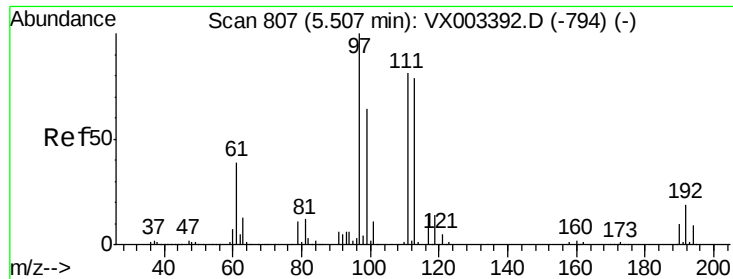


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

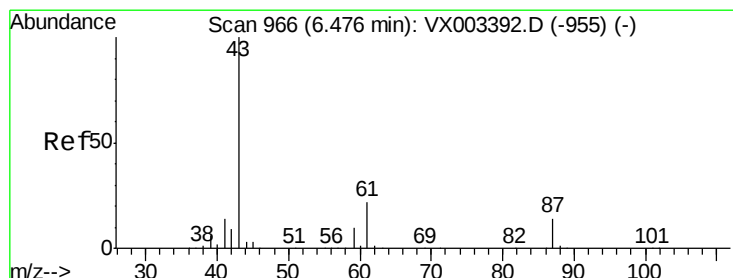
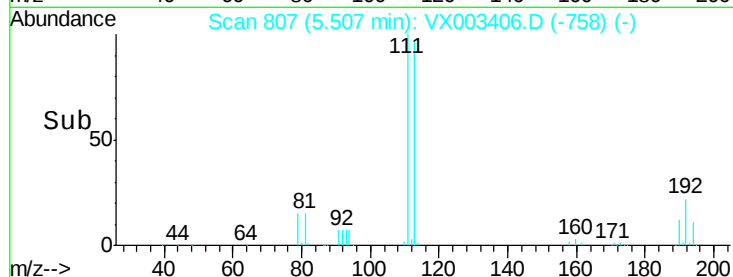
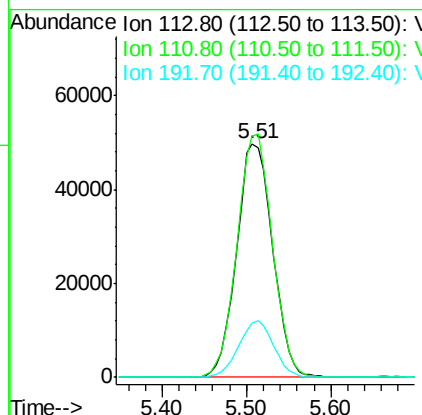
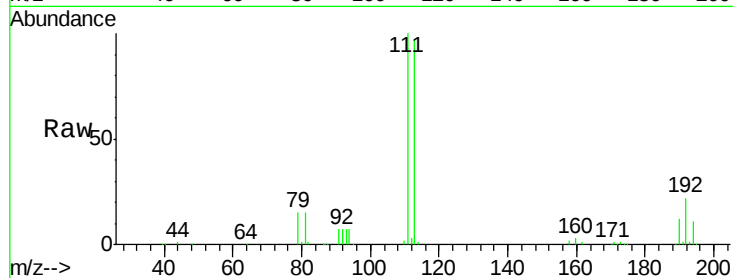




#35
 Dibromofluoromethane
 Concen: 48.11 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003406.D
 Acq: 16 Jul 2018 22:47

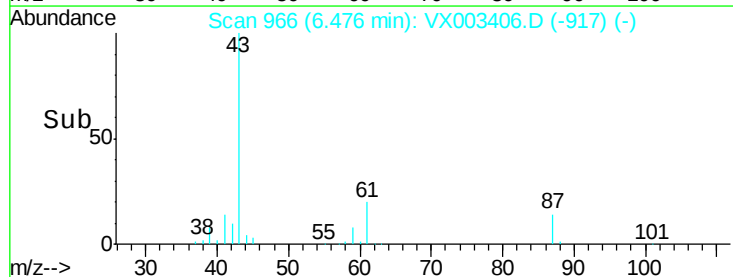
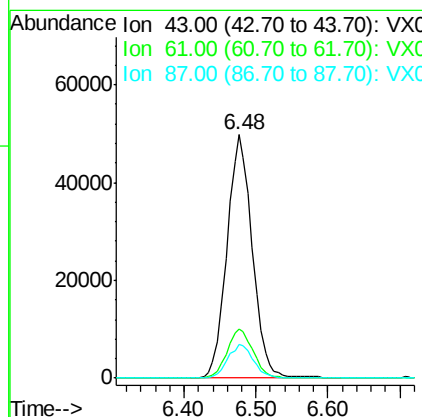
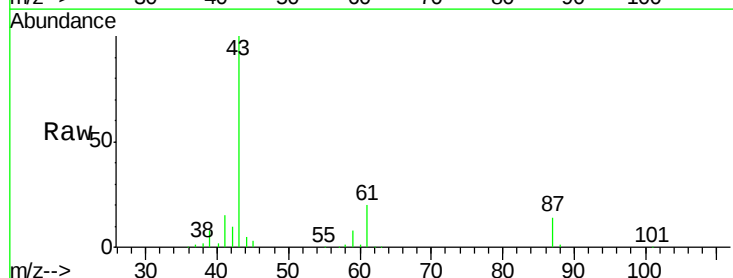
Instrument :
 MSVOA_X
 ClientSampleId :
 PB111123ZHE#14

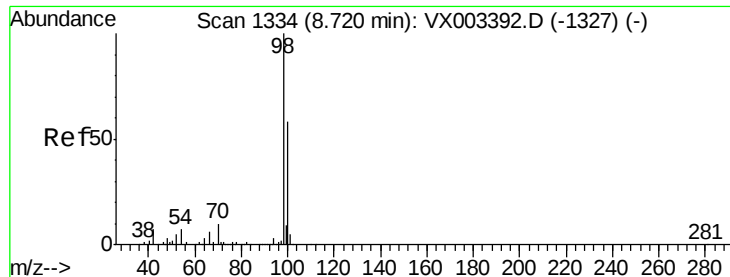
Tot Ion:113 Resp: 144143
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.4 122.0
 192 23.5 19.1 28.7



#43
 Isopropyl Acetate
 Concen: 19.13 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: VX003406.D
 Acq: 16 Jul 2018 22:47

Tgt Ion: 43 Resp: 121992
 Ion Ratio Lower Upper
 43 100
 61 20.5 14.4 21.6
 87 14.1 9.5 14.3





#50

Toluene-d8

Concen: 54.26 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003406.D

Acq: 16 Jul 2018 22:47

Instrument :

MSVOA_X

ClientSampleId :

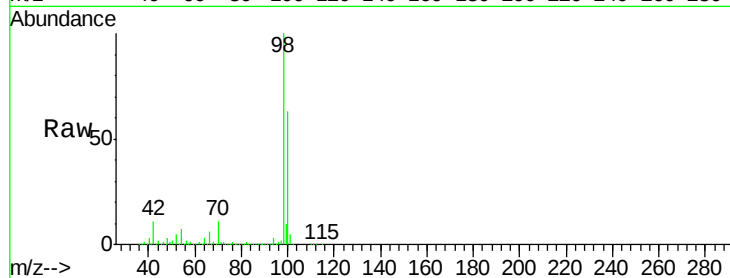
PB111123ZHE#14

Tot Ion: 98 Resp: 599988

Ion Ratio Lower Upper

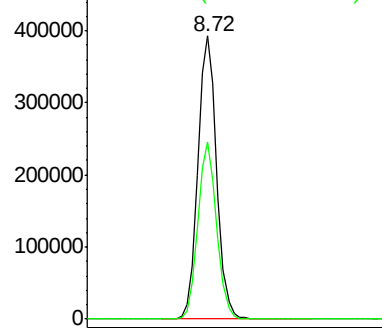
98 100

100 62.4 50.9 76.3

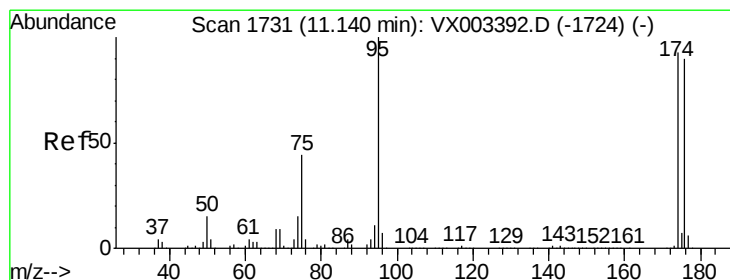
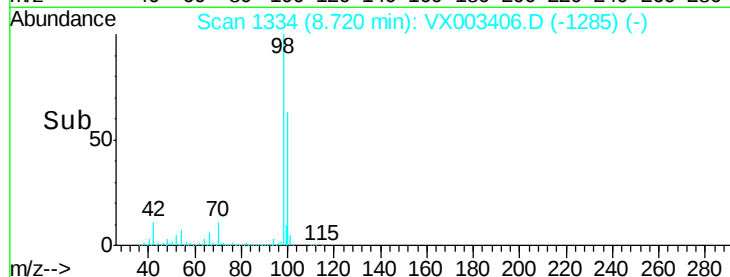


Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



Time-->



#62

4-Bromofluorobenzene

Concen: 48.03 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003406.D

Acq: 16 Jul 2018 22:47

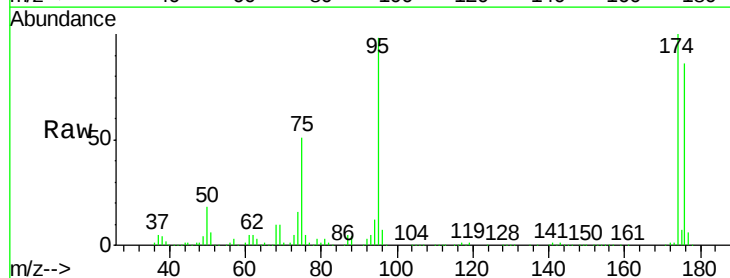
Tgt Ion: 95 Resp: 189611

Ion Ratio Lower Upper

95 100

174 100.7 0.0 187.4

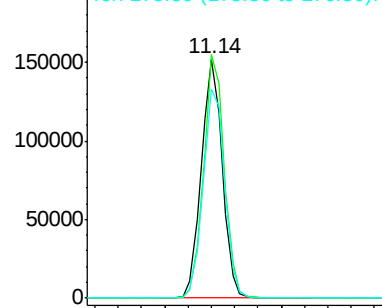
176 90.3 0.0 181.0



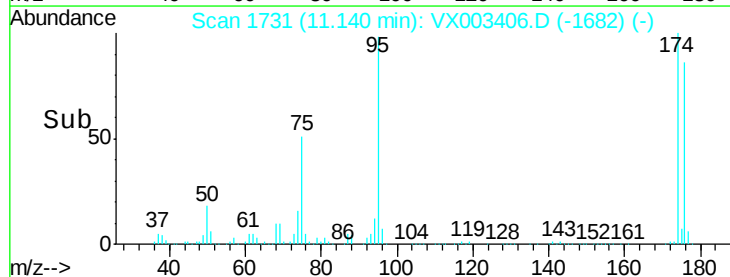
Abundance Ion 94.90 (94.60 to 95.60): VX0

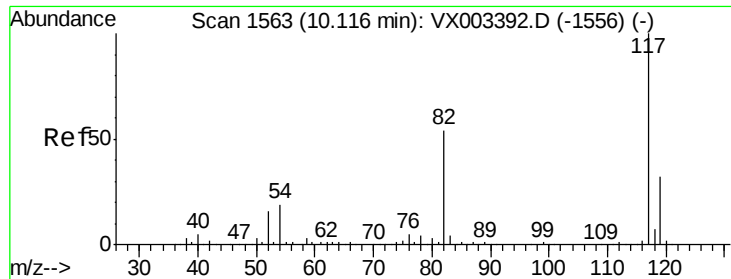
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003406.D

Acq: 16 Jul 2018 22:47

Instrument :

MSVOA_X

ClientSampleId :

PB111123ZHE#14

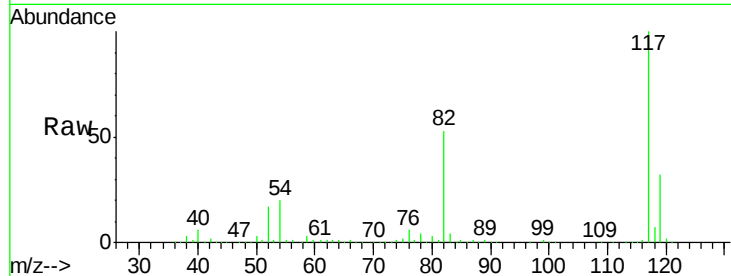
Tot Ion:117 Resp: 343407

Ion Ratio Lower Upper

117 100

82 53.0 45.0 67.4

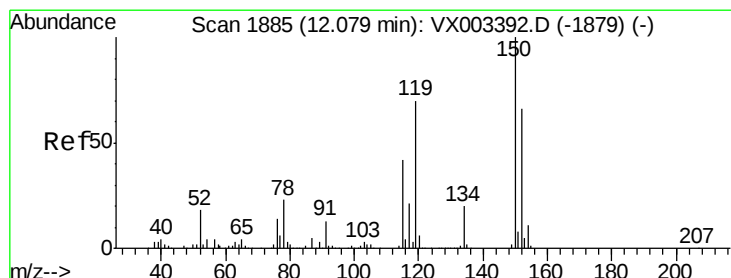
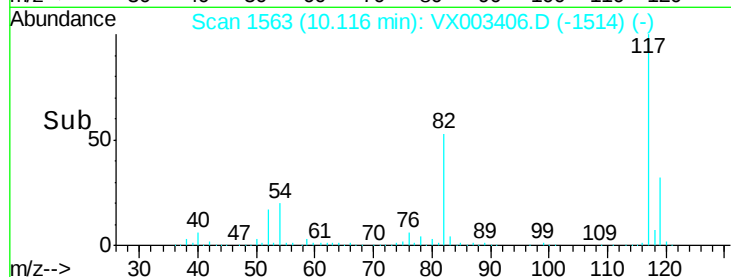
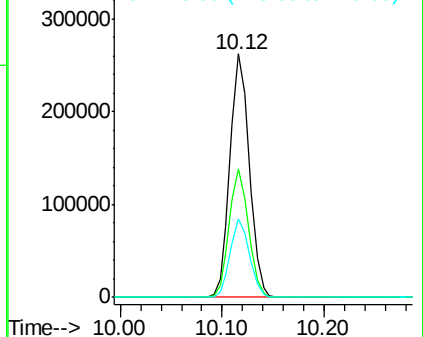
119 32.0 25.8 38.6



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. 0.01 min

Lab File: VX003406.D

Acq: 16 Jul 2018 22:47

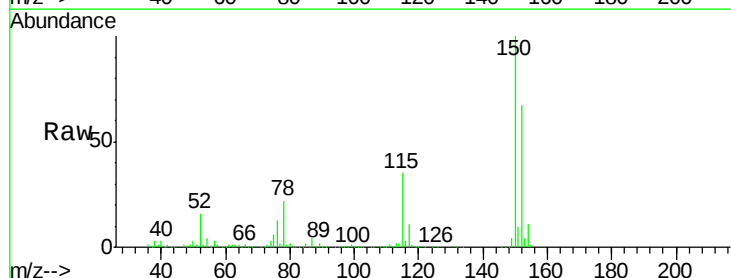
Tgt Ion:152 Resp: 198875

Ion Ratio Lower Upper

152 100

115 55.6 40.1 120.2

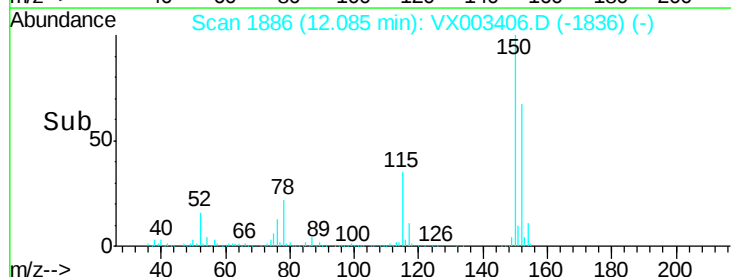
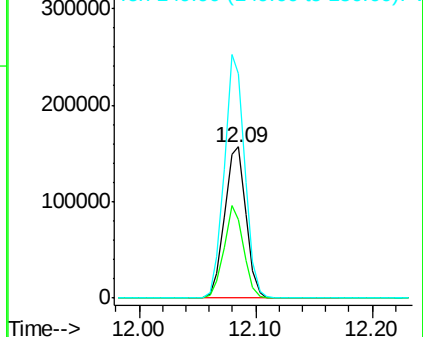
150 154.1 0.0 347.2

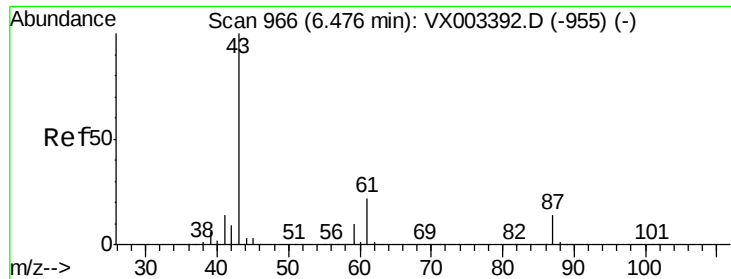


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74
 N-amvl acetate
 Concen: 19.92 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: VX003406.D
 Acq: 16 Jul 2018 22:47

Instrument :
 MSVOA_X
 ClientSampleId :
 PB111123ZHE#14

Tot Ion:	43	Resp:	121992
Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.1	0.0	0.0#
61	20.5	14.4	21.6

