

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071818\
 Data File : VX003458.D
 Acq On : 18 Jul 2018 20:01
 Operator : JC/MD
 Sample : PB111206ZHE#04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB111206ZHE#04

Quant Time: Jul 19 03:31:33 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

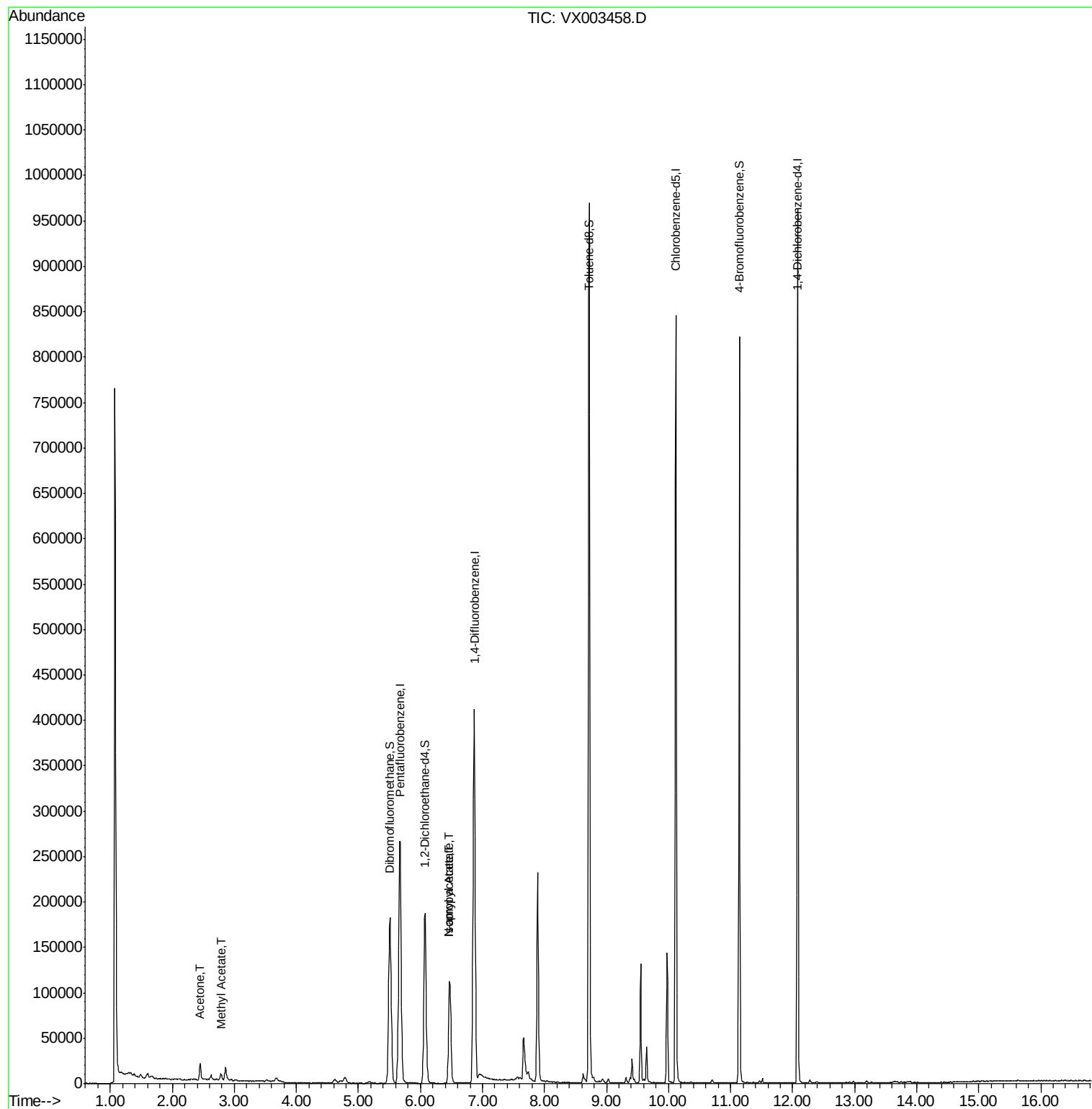
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	287545	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	425203	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	386526	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	206153	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	175926	46.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.44%	
35) Dibromofluoromethane	5.51	113	159616	46.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.80%	
50) Toluene-d8	8.72	98	580273	45.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.40%	
62) 4-Bromofluorobenzene	11.14	95	197135	43.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.98%	
Target Compounds						
16) Acetone	2.45	43	19482	12.44	ug/l #	87
18) Methyl Acetate	2.78	43	7787	1.53	ug/l #	90
20) Methylene Chloride	2.86	84	6811	Below	Cal	88
43) Isopropyl Acetate	6.46	43	154682	21.12	ug/l	96
74) N-amyl acetate	6.46	43	154682	24.37	ug/l #	96

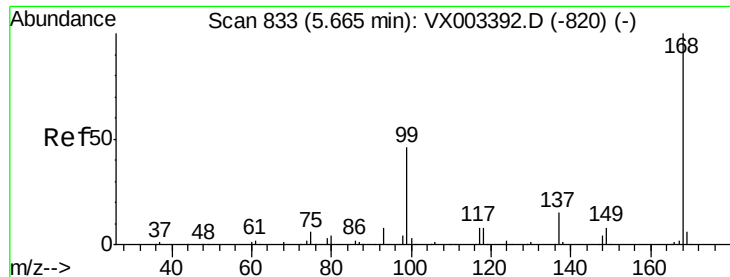
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 834

Delta R.T. 0.01 min

Lab File: VX003458.D

Acq: 18 Jul 2018 20:01

Instrument :

MSVOA_X

ClientSampleId :

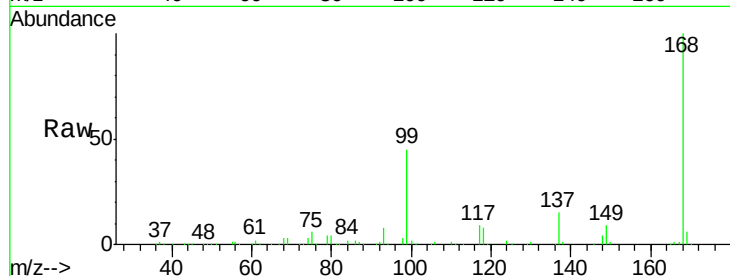
PB111206ZHE#04

Tot Ion:168 Resp: 287545

Ion Ratio Lower Upper

168 100

99 45.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

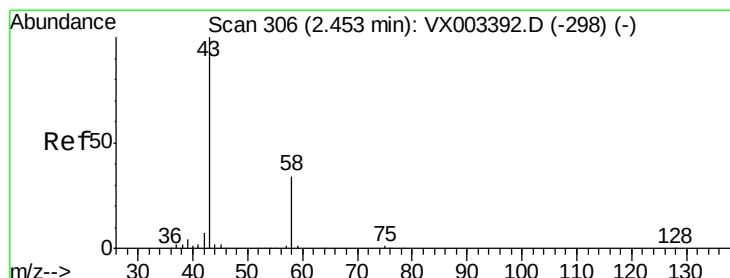
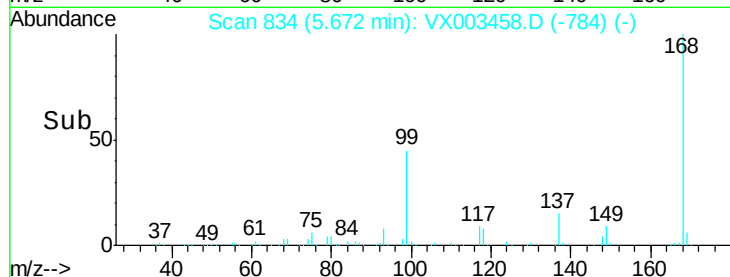
20000

0

5.67

5.50 5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 12.44 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003458.D

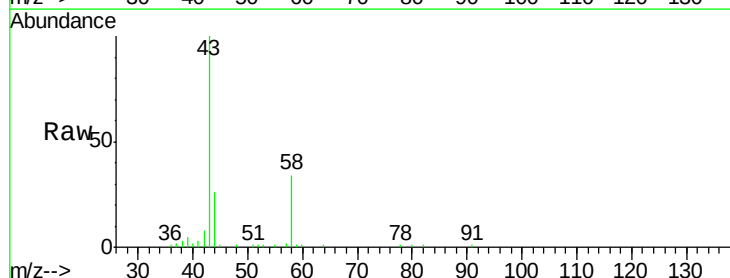
Acq: 18 Jul 2018 20:01

Tgt Ion: 43 Resp: 19482

Ion Ratio Lower Upper

43 100

58 34.4 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

12000

10000

8000

6000

4000

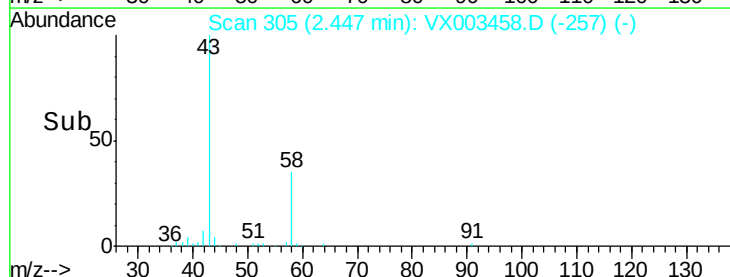
2000

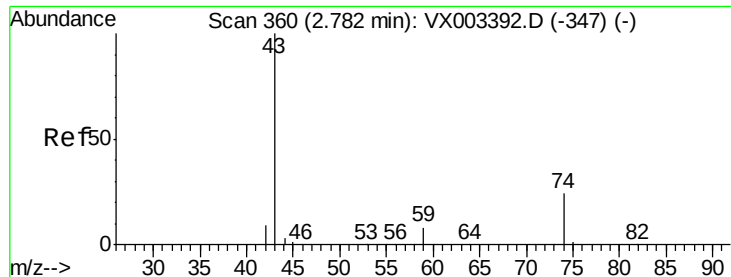
0

2.45

2.35 2.40 2.45 2.50 2.55

Time-->

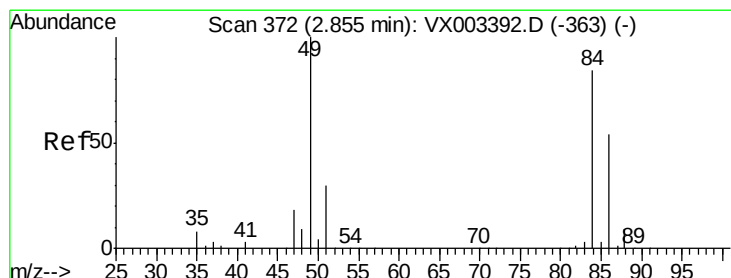
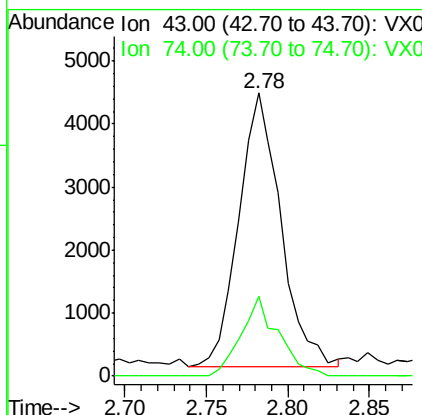
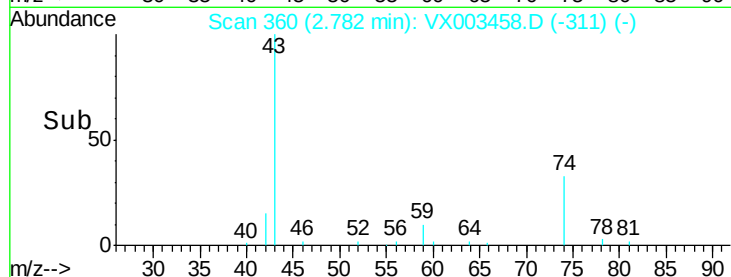
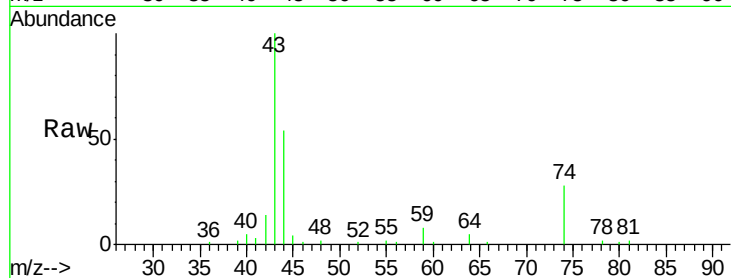




#18
Methyl Acetate
Concen: 1.53 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003458.D
Acq: 18 Jul 2018 20:01

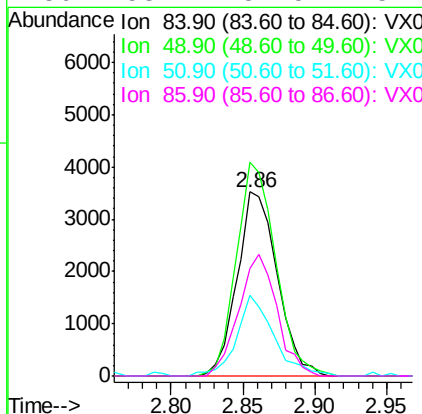
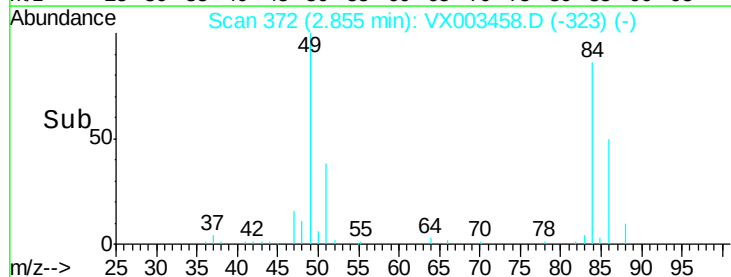
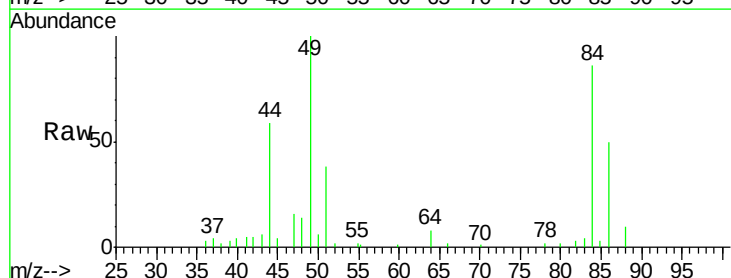
Instrument :
MSVOA_X
ClientSampleId :
PB111206ZHE#04

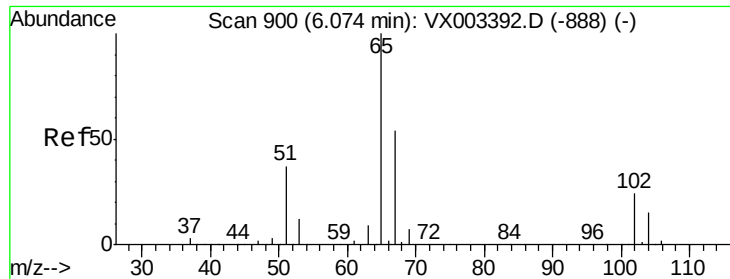
Tot Ion: 43 Resp: 7787
Ion Ratio Lower Upper
43 100
74 25.7 16.7 25.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003458.D
Acq: 18 Jul 2018 20:01

Tgt Ion: 84 Resp: 6811
Ion Ratio Lower Upper
84 100
49 115.9 107.8 161.6
51 44.0 32.8 49.2
86 58.4 52.5 78.7

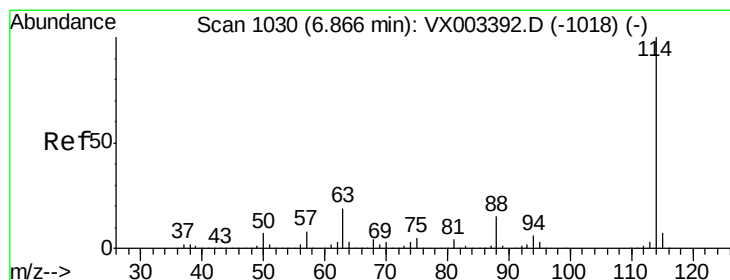
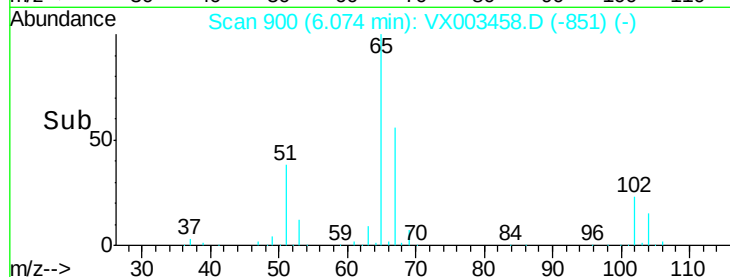
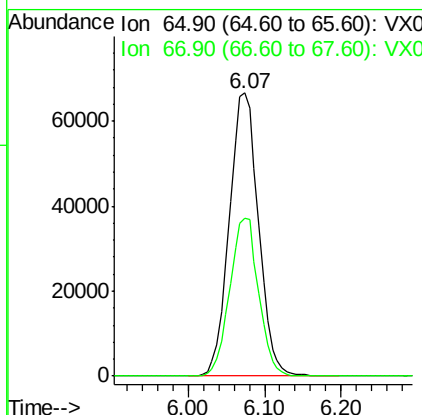
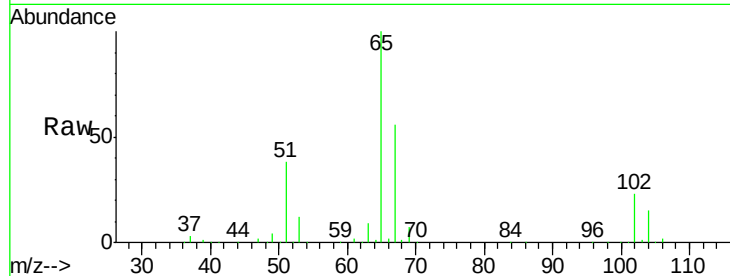




#33
 1,2-Dichloroethane-d4
 Concen: 46.72 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003458.D
 Acq: 18 Jul 2018 20:01

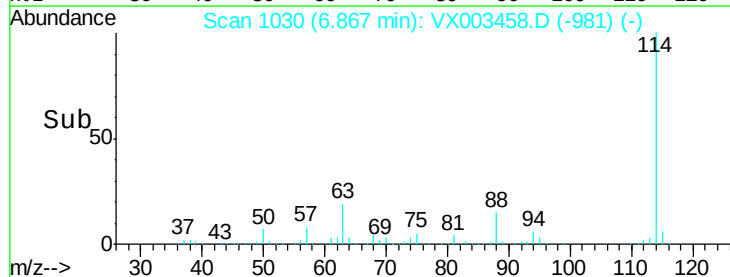
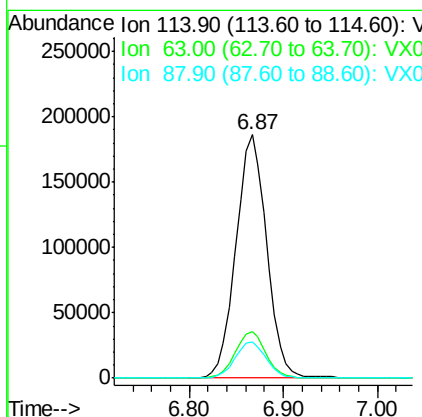
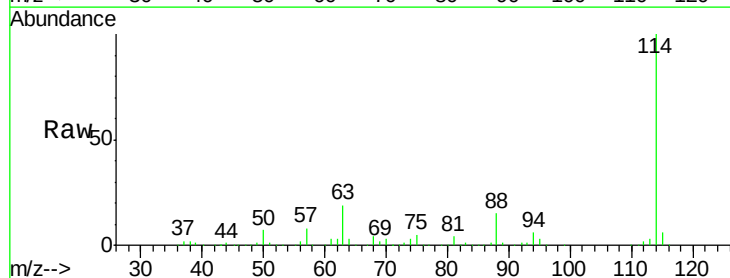
Instrument :
 MSVOA_X
 ClientSampleId :
 PB111206ZHE#04

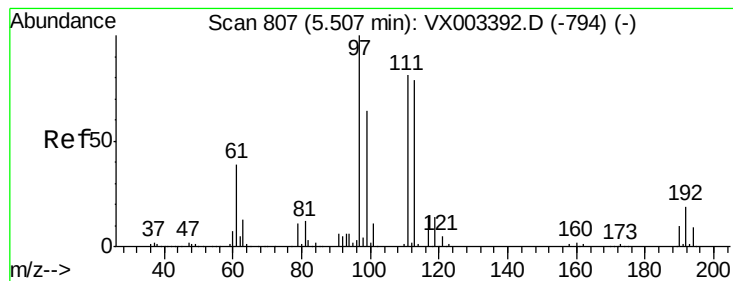
Tot Ion: 65 Resp: 175926
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003458.D
 Acq: 18 Jul 2018 20:01

Tgt Ion: 114 Resp: 425203
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 41.4
 88 15.0 0.0 30.0





#35

Dibromofluoromethane

Concen: 46.40 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX003458.D

Acq: 18 Jul 2018 20:01

Instrument :

MSVOA_X

ClientSampleId :

PB111206ZHE#04

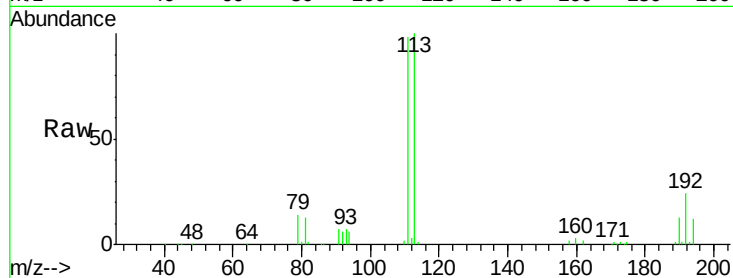
Tot Ion:113 Resp: 159616

Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

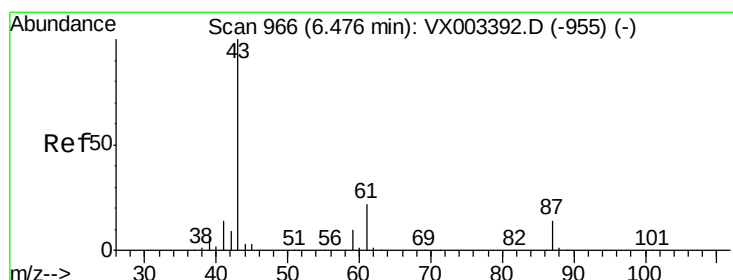
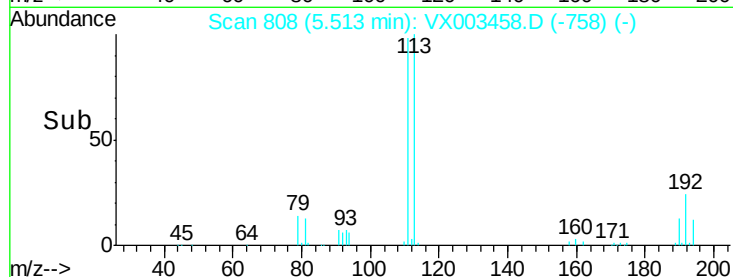
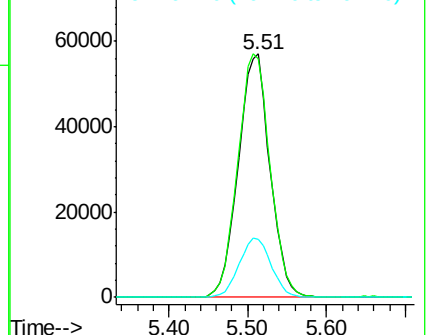
192 24.4 19.1 28.7



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



#43

Isopropyl Acetate

Concen: 21.12 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX003458.D

Acq: 18 Jul 2018 20:01

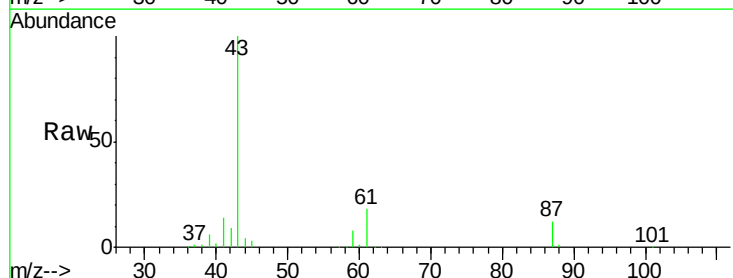
Tgt Ion: 43 Resp: 154682

Ion Ratio Lower Upper

43 100

61 19.8 14.4 21.6

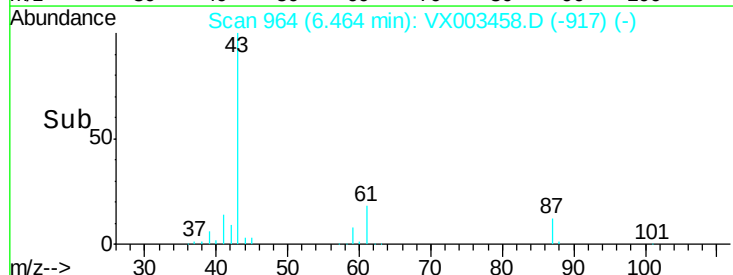
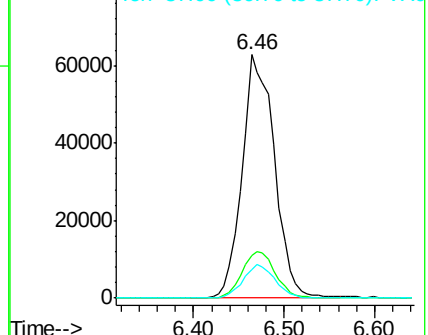
87 13.4 9.5 14.3

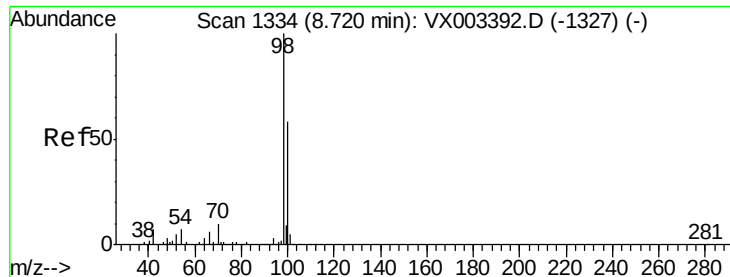


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 45.70 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003458.D

Acq: 18 Jul 2018 20:01

Instrument :

MSVOA_X

ClientSampleId :

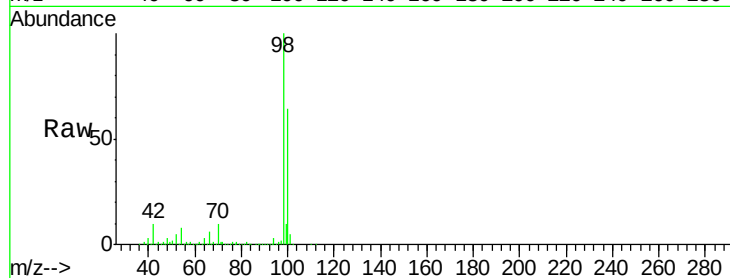
PB111206ZHE#04

Tot Ion: 98 Resp: 580273

Ion Ratio Lower Upper

98 100

100 63.7 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

400000

300000

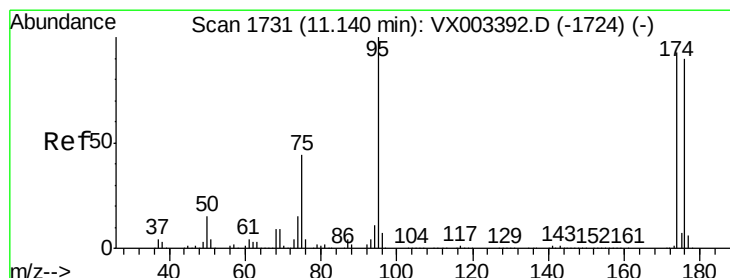
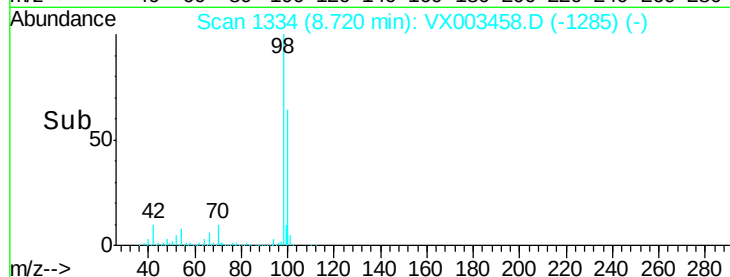
200000

100000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 43.49 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003458.D

Acq: 18 Jul 2018 20:01

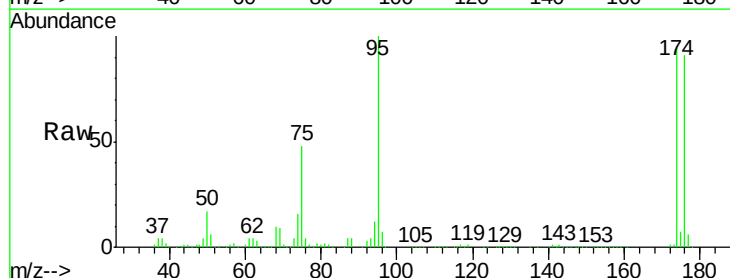
Tgt Ion: 95 Resp: 197135

Ion Ratio Lower Upper

95 100

174 94.6 0.0 187.4

176 91.4 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

11.14

200000

150000

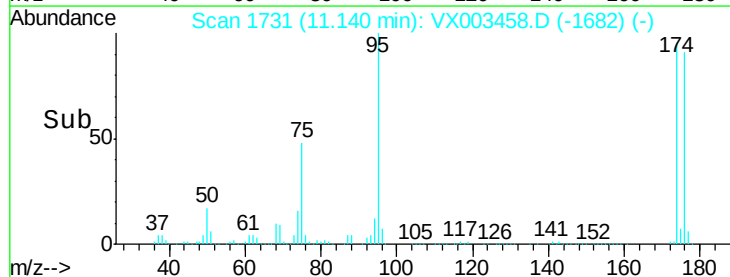
100000

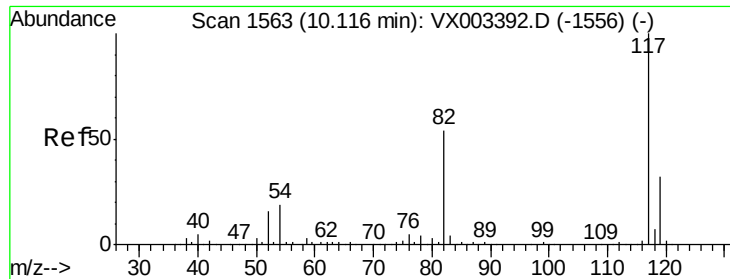
50000

0

Time-->

11.10 11.20





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003458.D

Acq: 18 Jul 2018 20:01

Instrument :

MSVOA_X

ClientSampleId :

PB111206ZHE#04

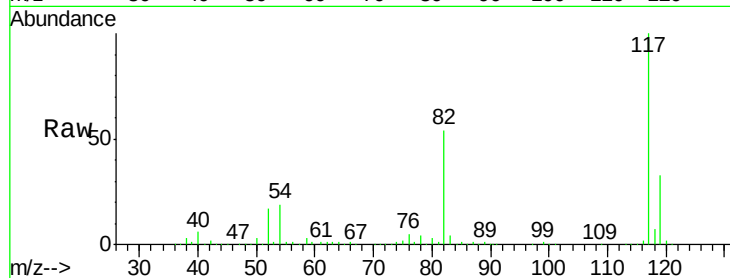
Tot Ion:117 Resp: 386526

Ion Ratio Lower Upper

117 100

82 53.7 45.0 67.4

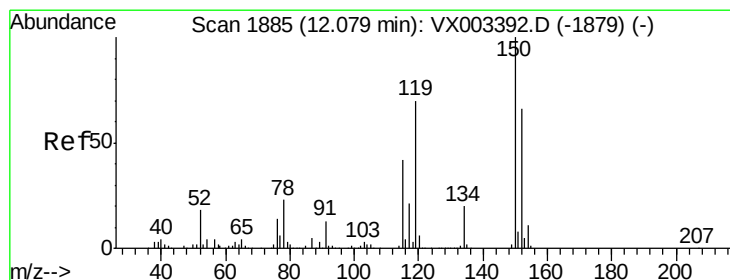
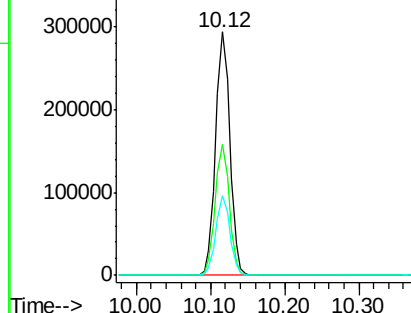
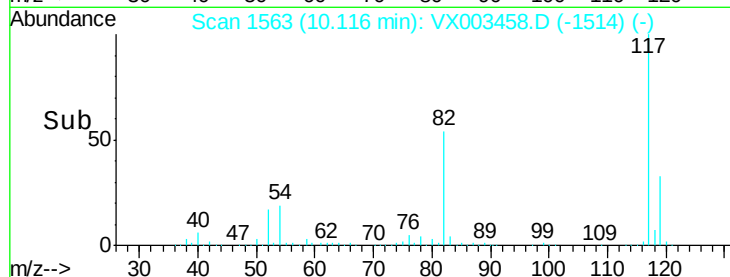
119 32.7 25.8 38.6



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: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003458.D

Acq: 18 Jul 2018 20:01

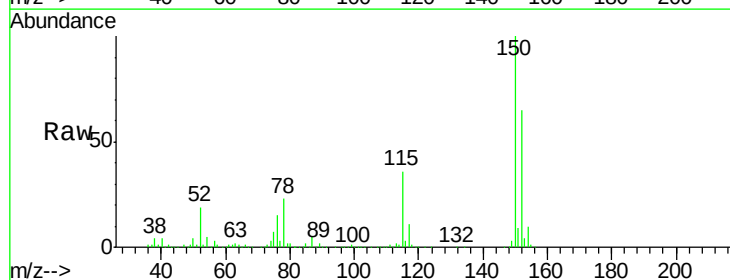
Tgt Ion:152 Resp: 206153

Ion Ratio Lower Upper

152 100

115 54.4 40.1 120.2

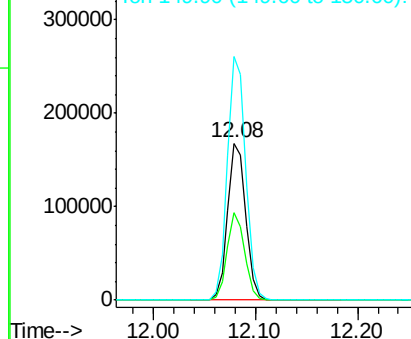
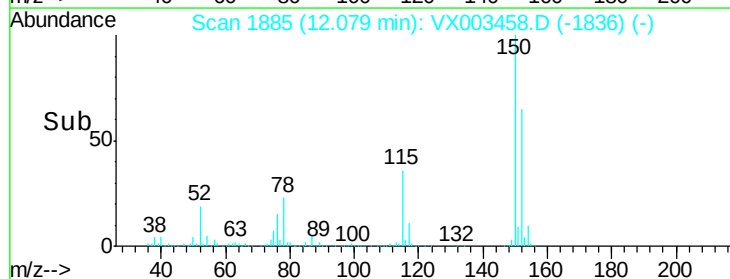
150 156.4 0.0 347.2

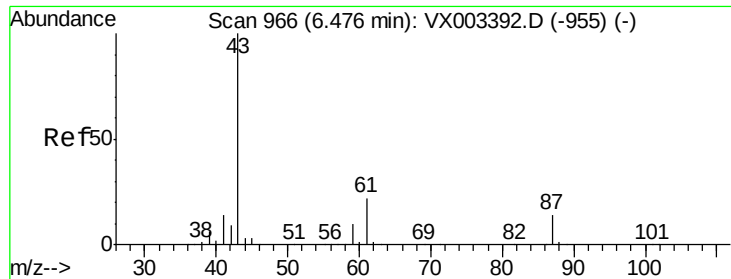


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

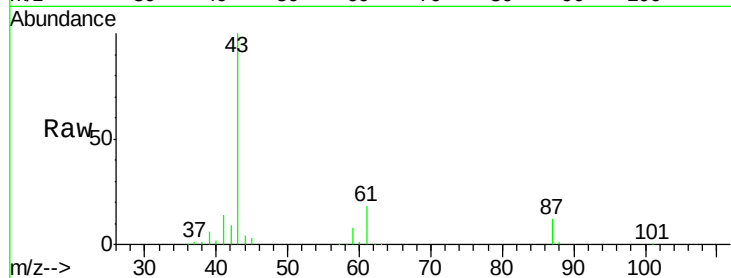




#74
 N-amvl acetate
 Concen: 24.37 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: VX003458.D
 Acq: 18 Jul 2018 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 PB111206ZHE#04

Tot Ion:	43	Resp:	154682
Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0
61	19.8	14.4	21.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 70.00 (69.70 to 70.70): VX0
 Ion 55.00 (54.70 to 55.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0

