

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071818\
 Data File : VX003455.D
 Acq On : 18 Jul 2018 18:41
 Operator : JC/MD
 Sample : PB111206ZHE#01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB111206ZHE#01

Quant Time: Jul 19 03:20:14 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	297725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	443531	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	393716	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	213248	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	182682	46.85	ug/l	0.00
Spiked Amount			Recovery	=	93.70%	
35) Dibromofluoromethane	5.51	113	163195	45.48	ug/l	0.00
Spiked Amount			Recovery	=	90.96%	
50) Toluene-d8	8.72	98	594569	44.90	ug/l	0.00
Spiked Amount			Recovery	=	89.80%	
62) 4-Bromofluorobenzene	11.14	95	205425	43.45	ug/l	0.00
Spiked Amount			Recovery	=	86.90%	

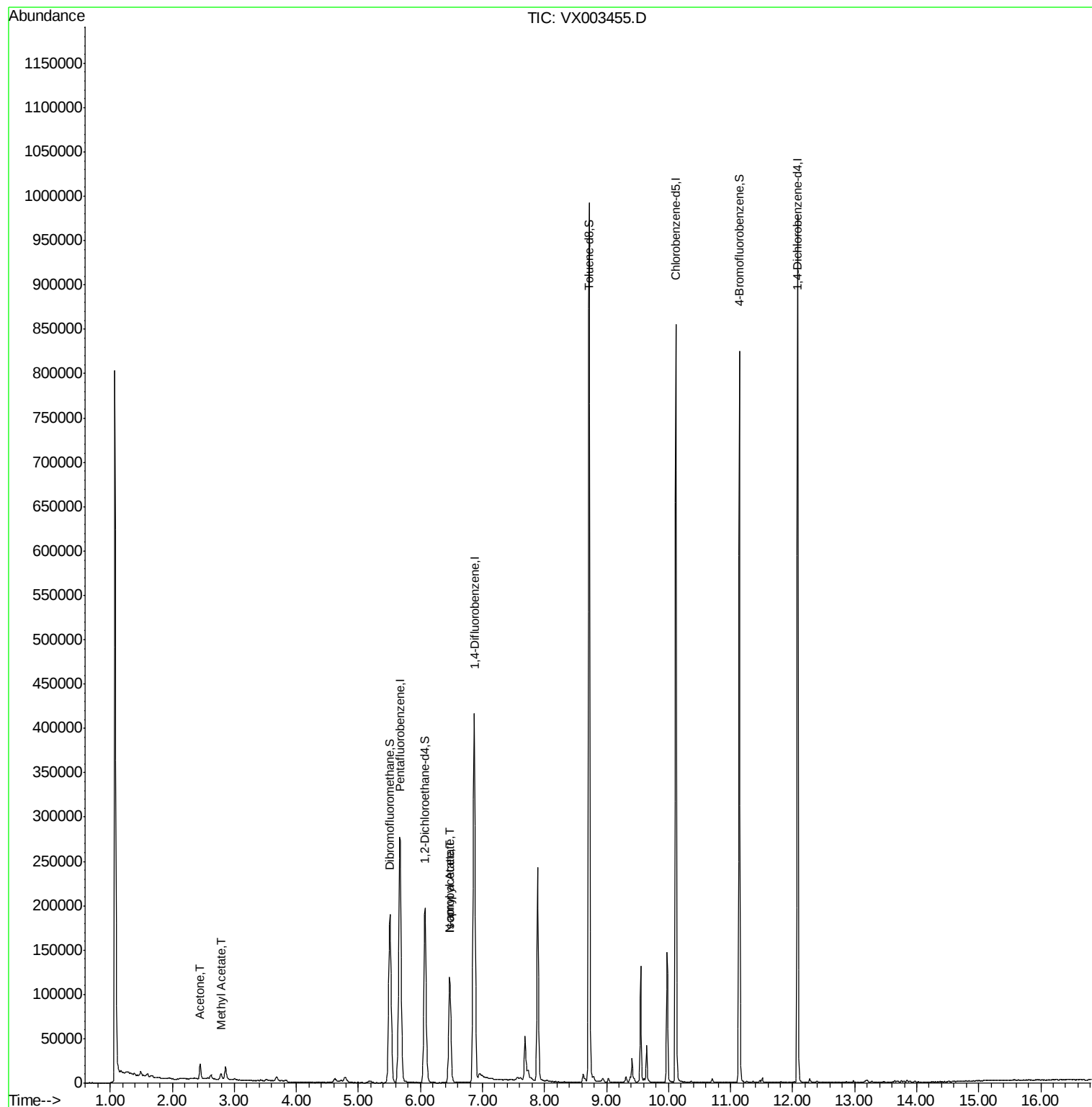
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	19070	11.76	ug/l #	88
18) Methyl Acetate	2.78	43	7884	1.49	ug/l	93
20) Methylene Chloride	2.86	84	6716	Below Cal		93
43) Isopropyl Acetate	6.47	43	152767	20.00	ug/l	94
74) N-amyl acetate	6.47	43	152767	23.26	ug/l #	94

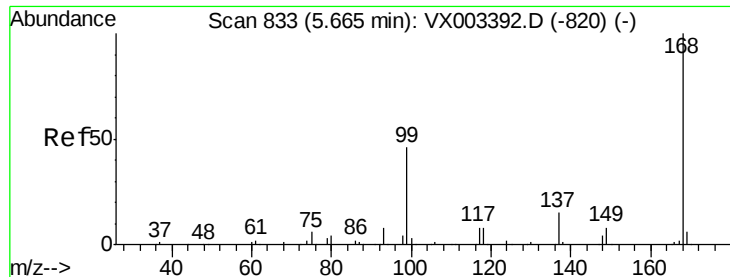
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 834

Delta R.T. 0.01 min

Lab File: VX003455.D

Acq: 18 Jul 2018 18:41

Instrument :

MSVOA_X

ClientSampleId :

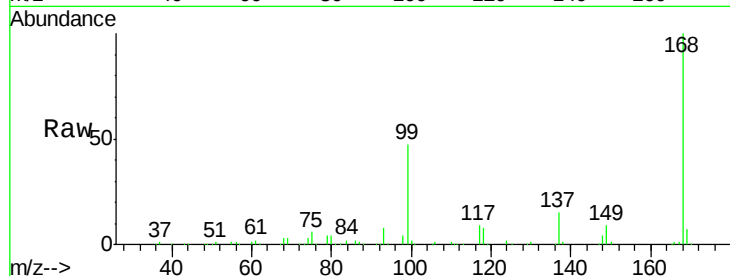
PB111206ZHE#01

Tot Ion:168 Resp: 297725

Ion Ratio Lower Upper

168 100

99 46.6 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

120000

100000

80000

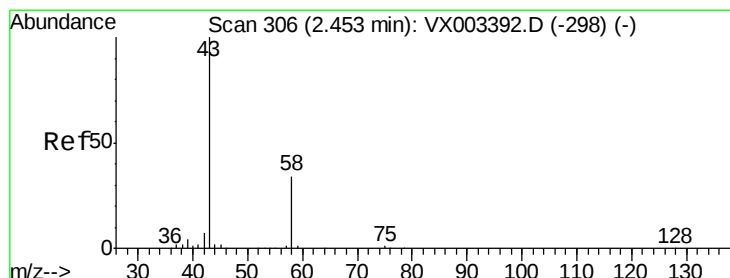
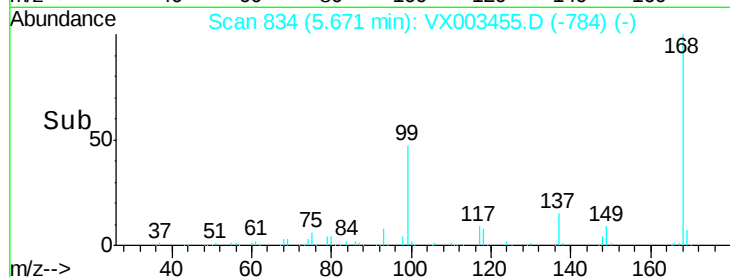
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80 5.90



#16

Acetone

Concen: 11.76 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003455.D

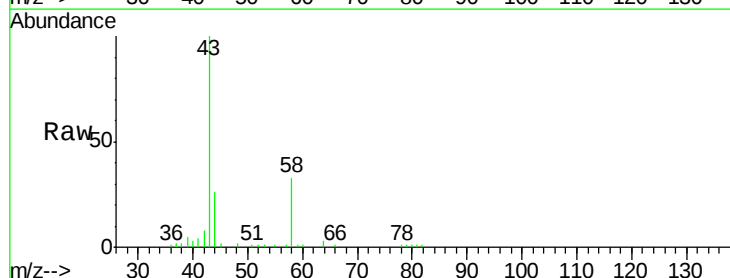
Acq: 18 Jul 2018 18:41

Tgt Ion: 43 Resp: 19070

Ion Ratio Lower Upper

43 100

58 33.8 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

12000

10000

8000

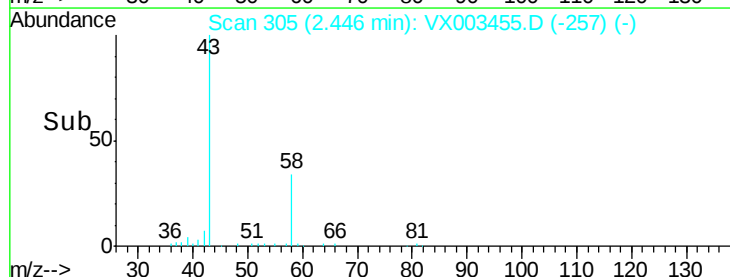
6000

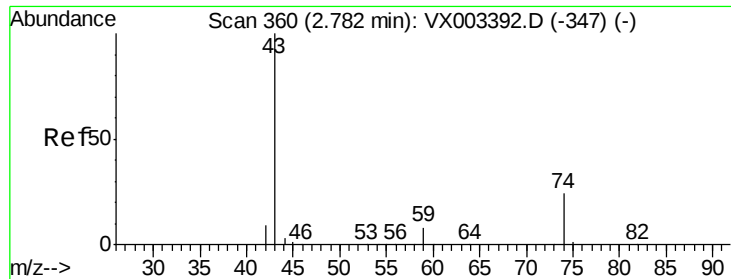
4000

2000

0

Time--> 2.35 2.40 2.45 2.50 2.55

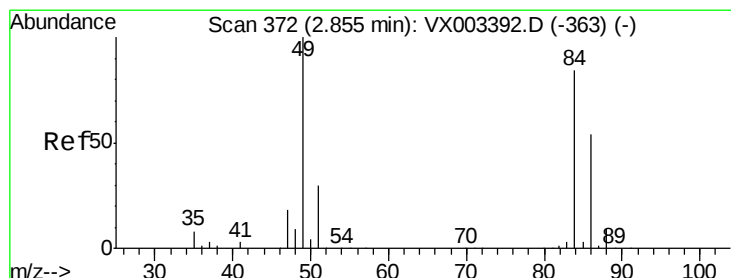
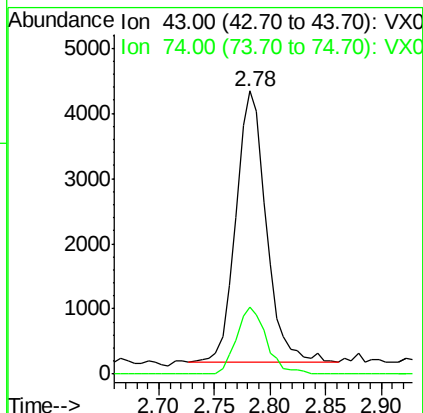
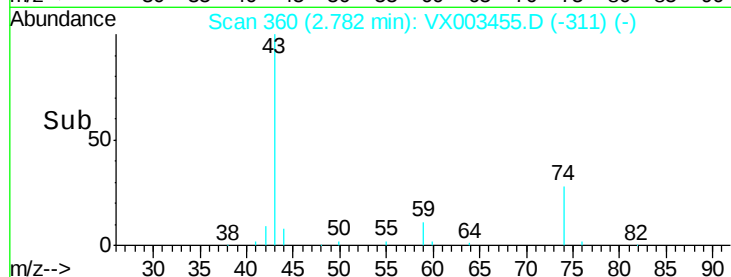
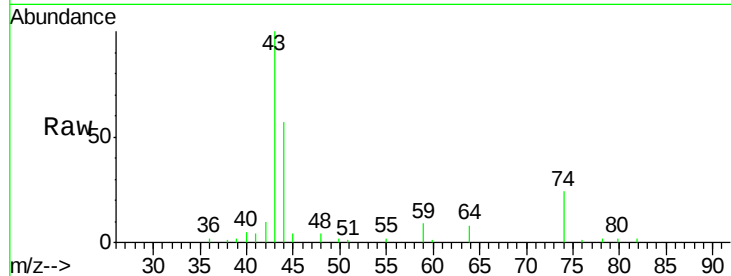




#18
Methyl Acetate
Concen: 1.49 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003455.D
Acq: 18 Jul 2018 18:41

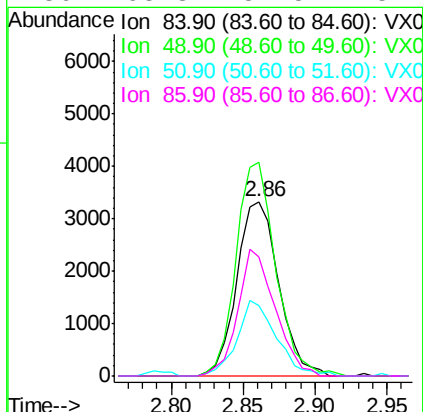
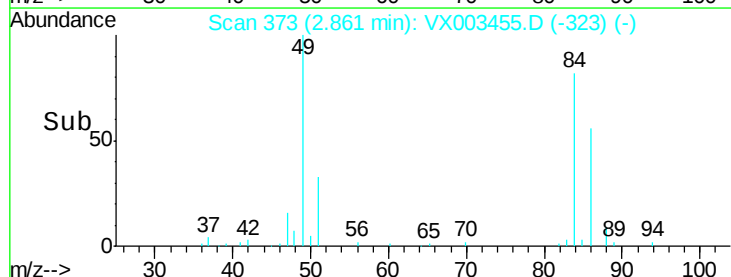
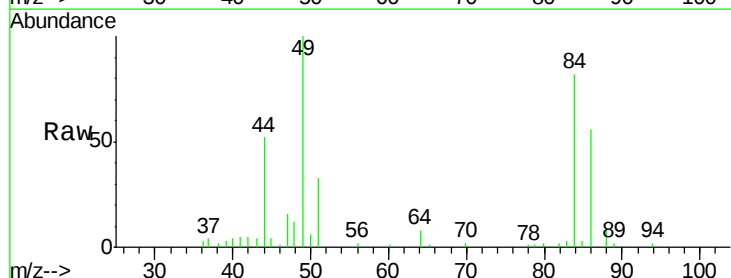
Instrument :
MSVOA_X
ClientSampleId :
PB111206ZHE#01

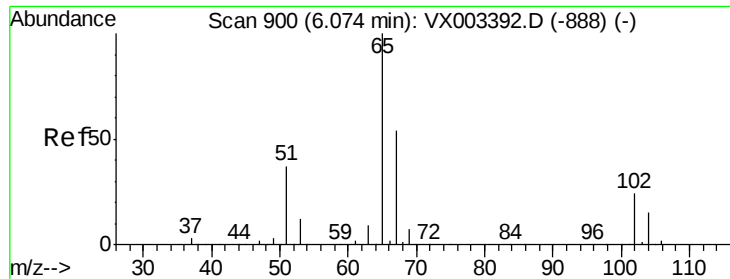
Tot Ion: 43 Resp: 7884
Ion Ratio Lower Upper
43 100
74 24.3 16.7 25.1



#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003455.D
Acq: 18 Jul 2018 18:41

Tgt Ion: 84 Resp: 6716
Ion Ratio Lower Upper
84 100
49 122.3 107.8 161.6
51 40.6 32.8 49.2
86 68.3 52.5 78.7





#33

1,2-Dichloroethane-d4

Concen: 46.85 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX003455.D

Acq: 18 Jul 2018 18:41

Instrument :

MSVOA_X

ClientSampleId :

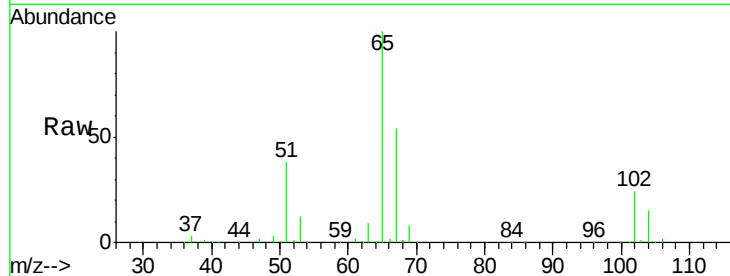
PB111206ZHE#01

Tot Ion: 65 Resp: 182682

Ion Ratio Lower Upper

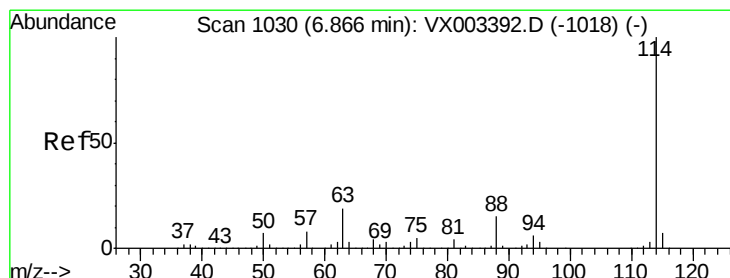
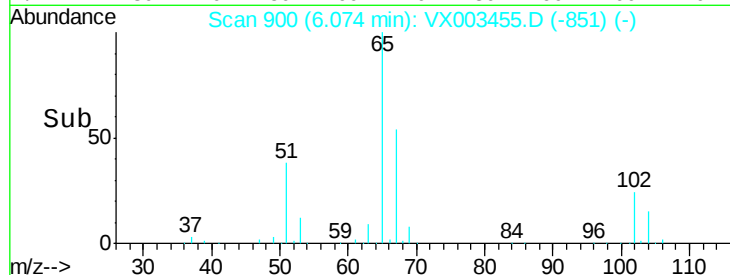
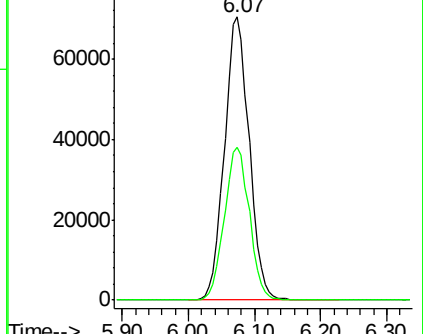
65 100

67 54.5 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: VX003455.D

Acq: 18 Jul 2018 18:41

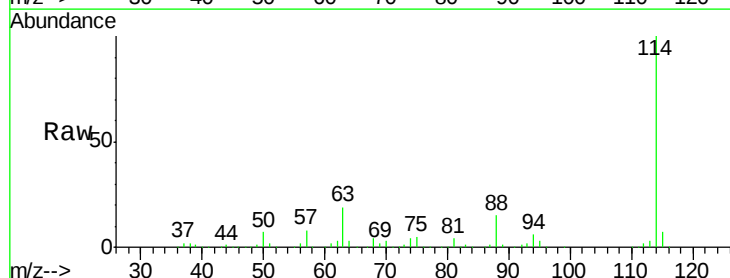
Tgt Ion: 114 Resp: 443531

Ion Ratio Lower Upper

114 100

63 18.8 0.0 41.4

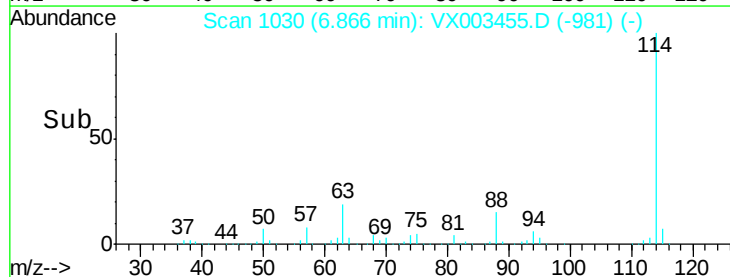
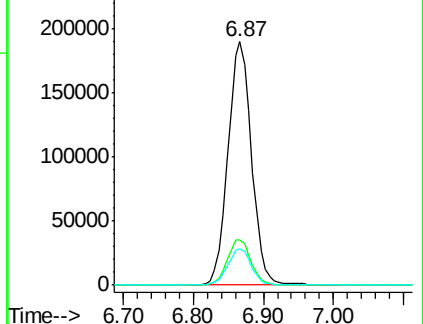
88 14.9 0.0 30.0

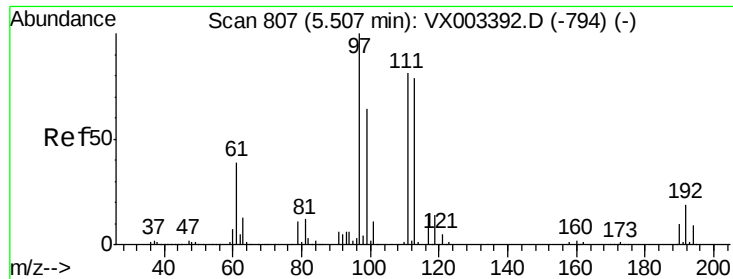


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 45.48 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003455.D

Acq: 18 Jul 2018 18:41

Instrument :

MSVOA_X

ClientSampleId :

PB111206ZHE#01

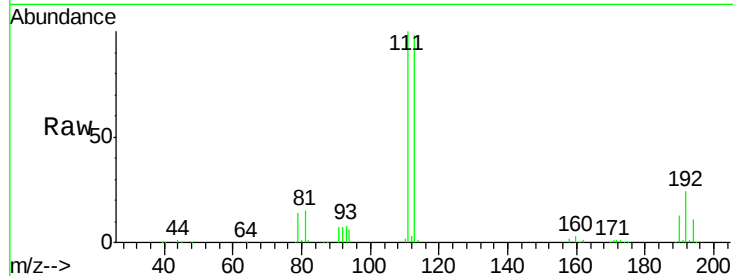
Tot Ion:113 Resp: 163195

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

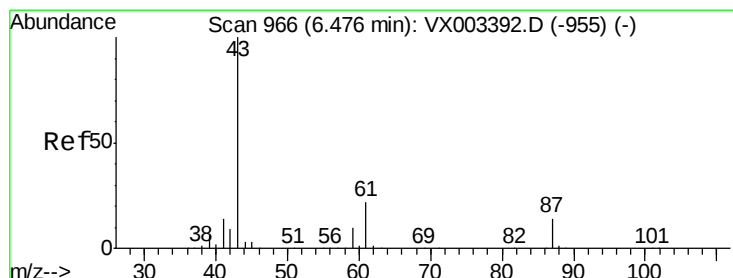
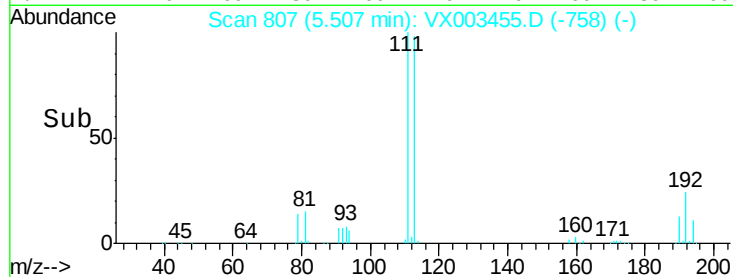
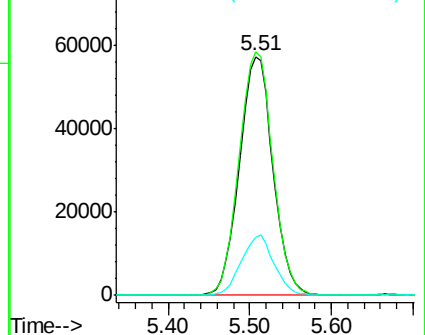
192 24.7 19.1 28.7



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: 20.00 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX003455.D

Acq: 18 Jul 2018 18:41

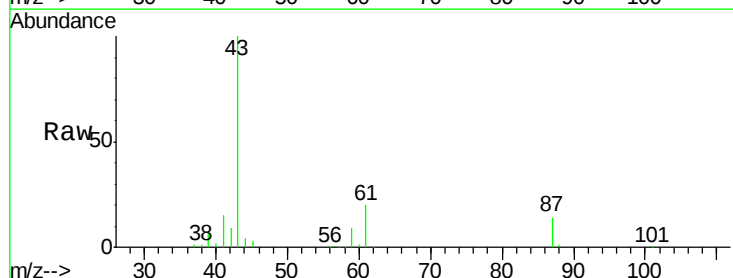
Tgt Ion: 43 Resp: 152767

Ion Ratio Lower Upper

43 100

61 20.7 14.4 21.6

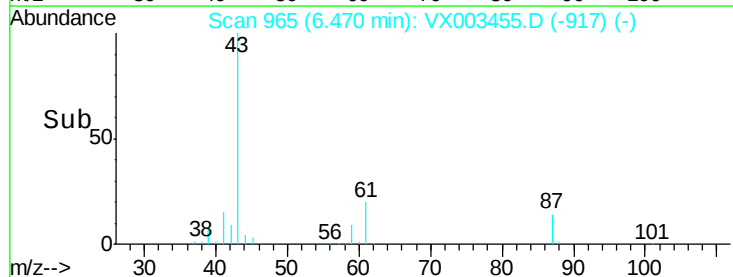
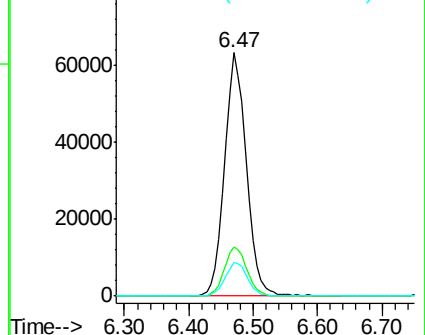
87 14.2 9.5 14.3

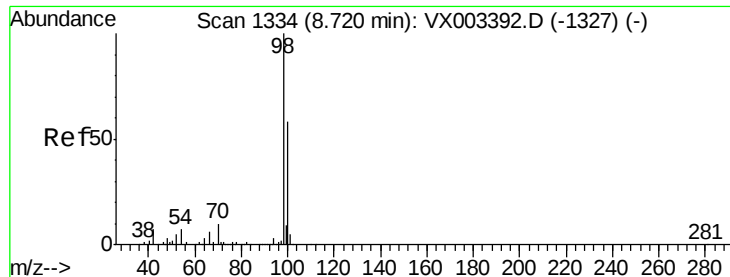


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 44.90 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX003455.D

Acq: 18 Jul 2018 18:41

Instrument :

MSVOA_X

ClientSampleId :

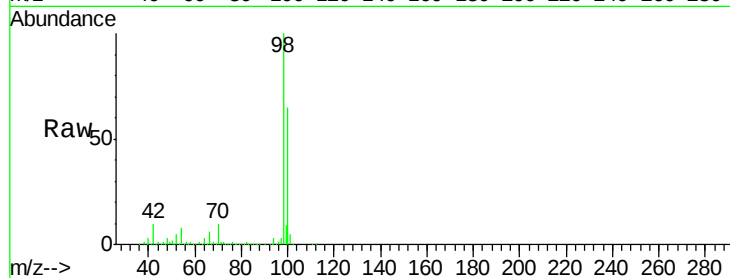
PB111206ZHE#01

Tot Ion: 98 Resp: 594569

Ion Ratio Lower Upper

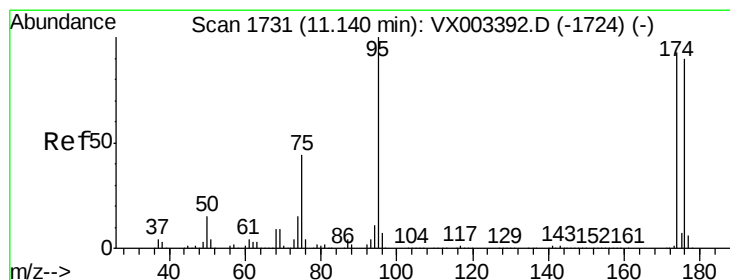
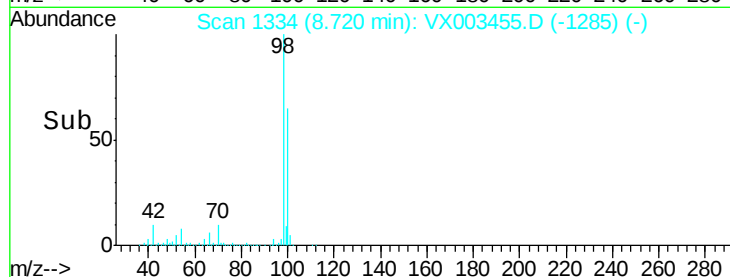
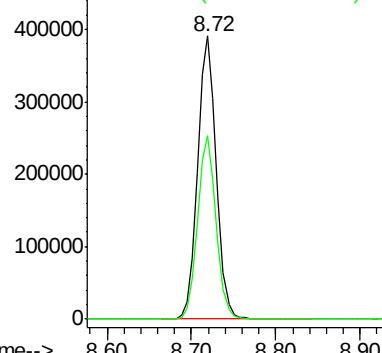
98 100

100 63.8 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 43.45 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003455.D

Acq: 18 Jul 2018 18:41

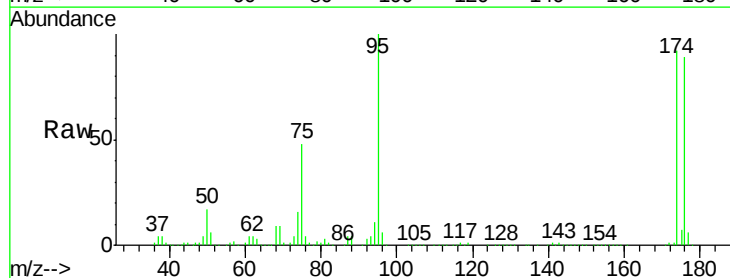
Tgt Ion: 95 Resp: 205425

Ion Ratio Lower Upper

95 100

174 95.2 0.0 187.4

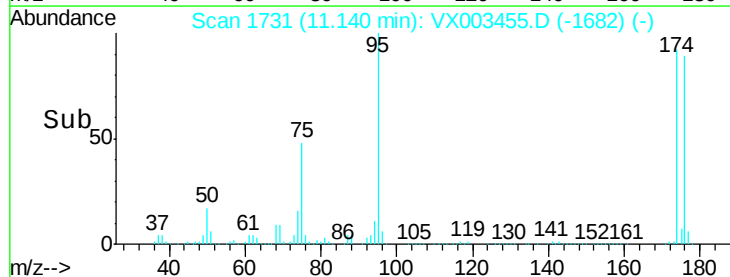
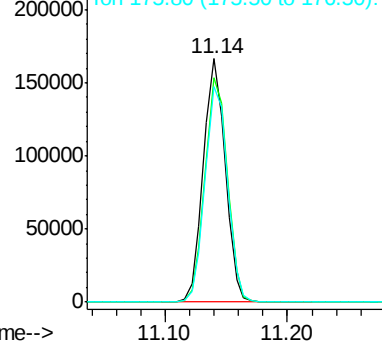
176 91.3 0.0 181.0

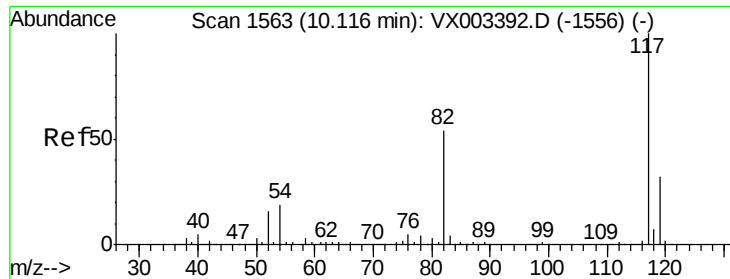


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX003455.D

Acq: 18 Jul 2018 18:41

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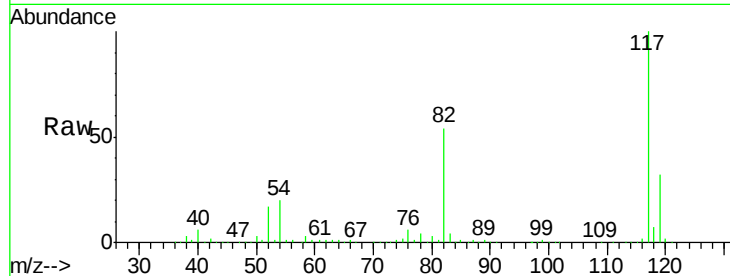
Tot Ion:117 Resp: 393716

Ion Ratio Lower Upper

117 100

82 53.8 45.0 67.4

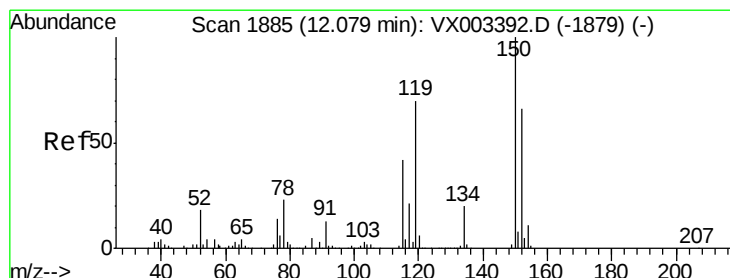
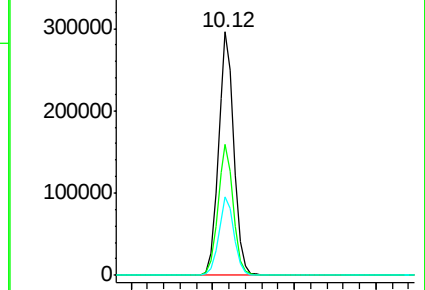
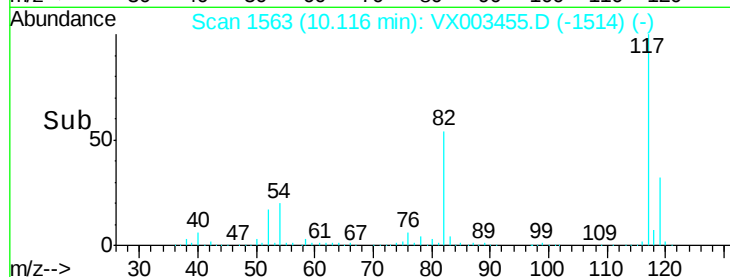
119 32.0 25.8 38.6



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: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX003455.D

Acq: 18 Jul 2018 18:41

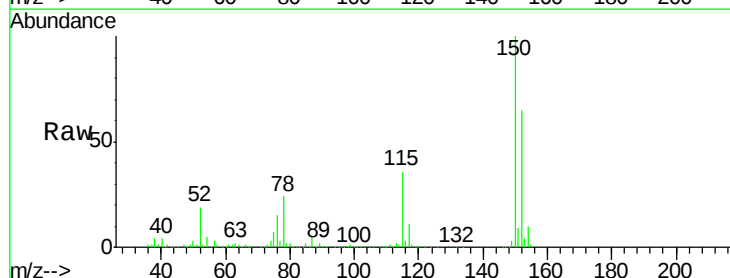
Tgt Ion:152 Resp: 213248

Ion Ratio Lower Upper

152 100

115 54.4 40.1 120.2

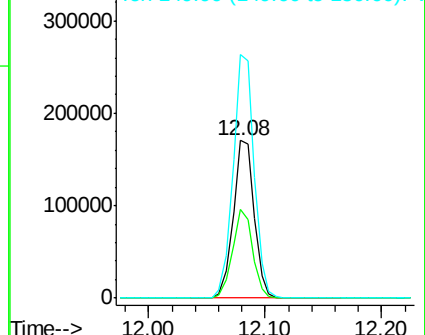
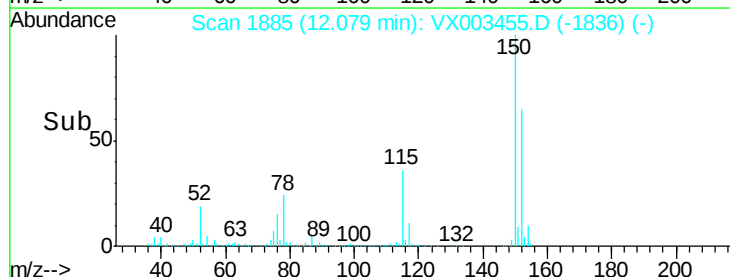
150 155.4 0.0 347.2

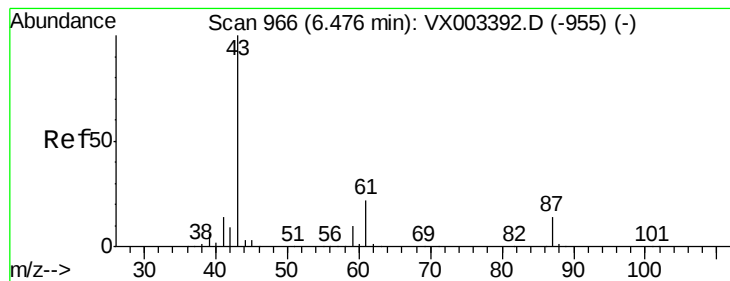


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 23.26 ug/l

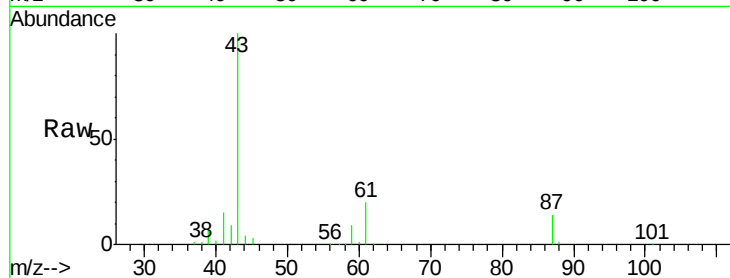
RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX003455.D

Acq: 18 Jul 2018 18:41

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PB111206ZHE#01



Tot Ion:	43	Resp:	152767
Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0#
61	20.7	14.4	21.6

