

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\
 Data File : VX003267.D
 Acq On : 10 Jul 2018 01:50
 Operator : JC/MD
 Sample : PB110911ZHE#13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110911ZHE#13

Quant Time: Jul 10 03:27:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	258212	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	362830	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	345205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	195741	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	168409	41.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.88%	
35) Dibromofluoromethane	5.51	113	140194	35.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.94%	
50) Toluene-d8	8.72	98	519780	37.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.08%	
62) 4-Bromofluorobenzene	11.14	95	179385	35.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.12%	

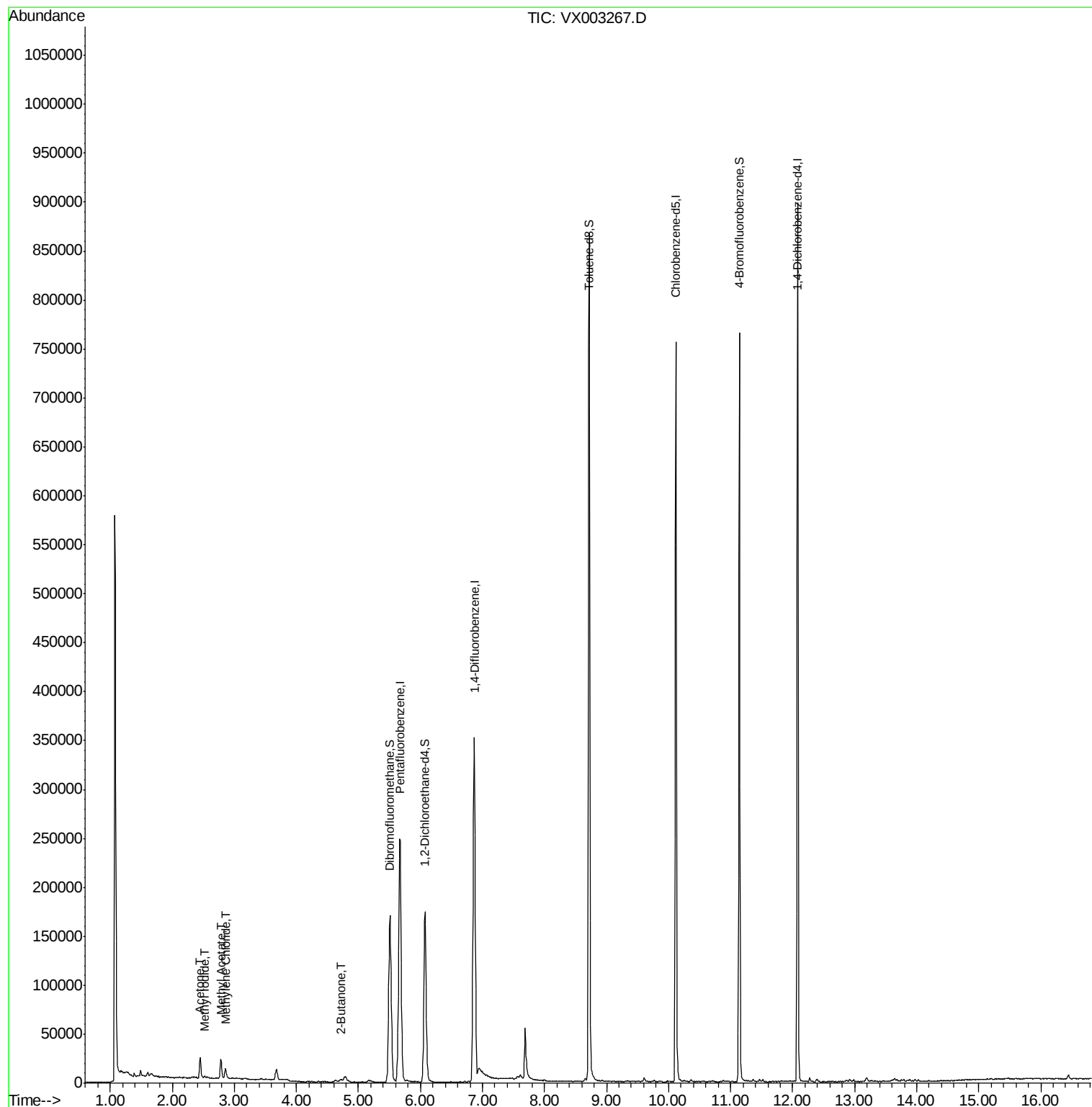
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.52	142	2259	6.22	ug/l	# 95
16) Acetone	2.45	43	24002	16.64	ug/l	98
18) Methyl Acetate	2.78	43	24175	5.94	ug/l	97
20) Methylene Chloride	2.86	84	5057	1.02	ug/l	86
25) 2-Butanone	4.71	43	5073	1.99	ug/l	94

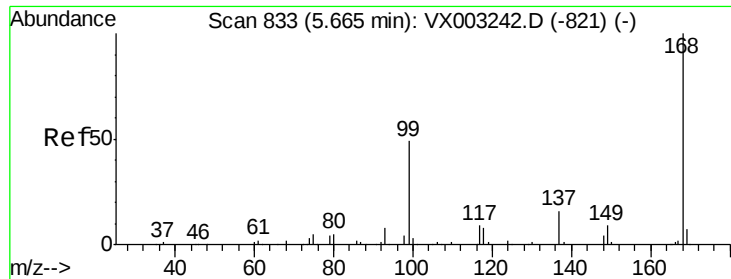
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003267.D

Acq: 10 Jul 2018 01:50

Instrument :

MSVOA_X

ClientSampleId :

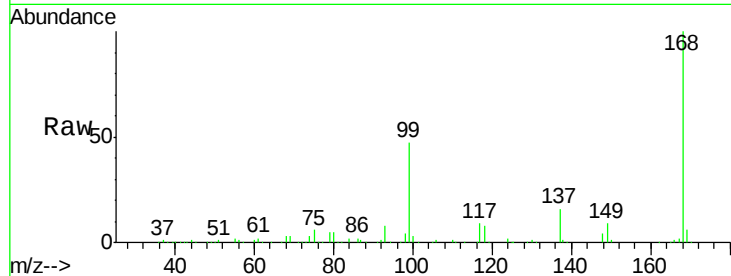
PB110911ZHE#13

Tot Ion:168 Resp: 258212

Ion Ratio Lower Upper

168 100

99 47.2 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

100000

80000

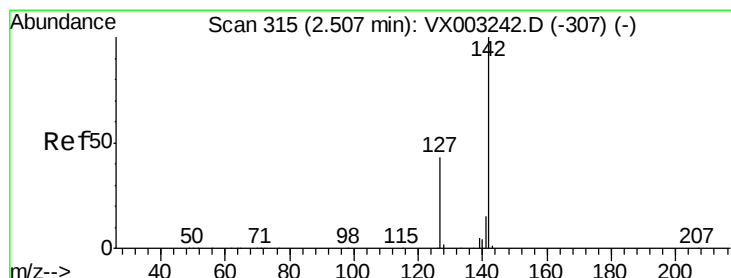
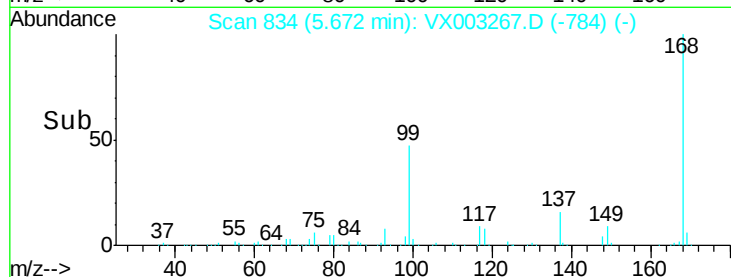
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 6.22 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX003267.D

Acq: 10 Jul 2018 01:50

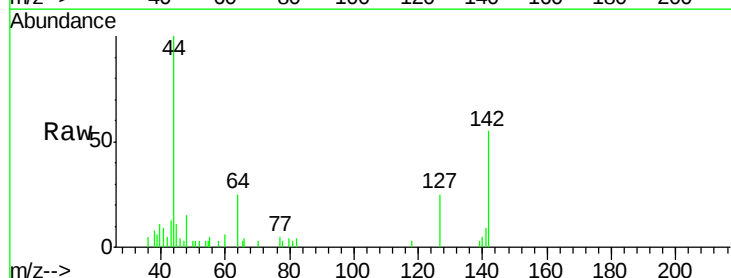
Tgt Ion:142 Resp: 2259

Ion Ratio Lower Upper

142 100

127 43.6 36.6 55.0

141 18.0 11.3 16.9#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

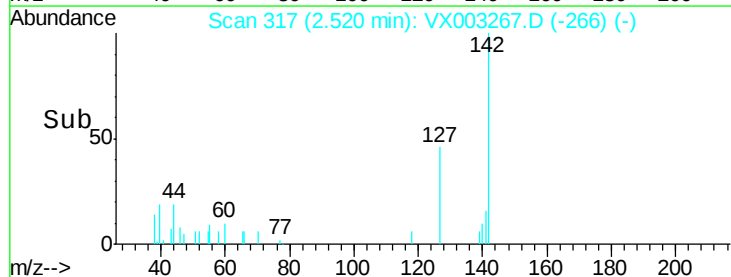
2.52

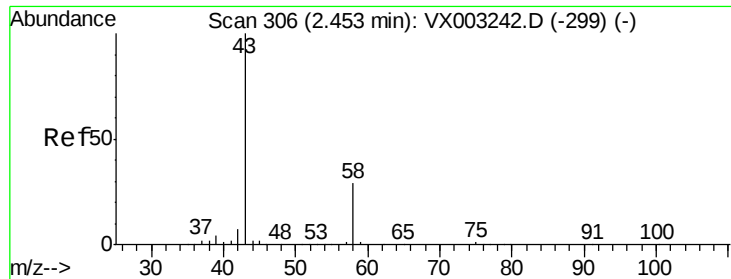
1000

500

0

Time--> 2.45 2.50 2.55 2.60





#16

Acetone

Concen: 16.64 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003267.D

Acq: 10 Jul 2018 01:50

Instrument :

MSVOA_X

ClientSampleId :

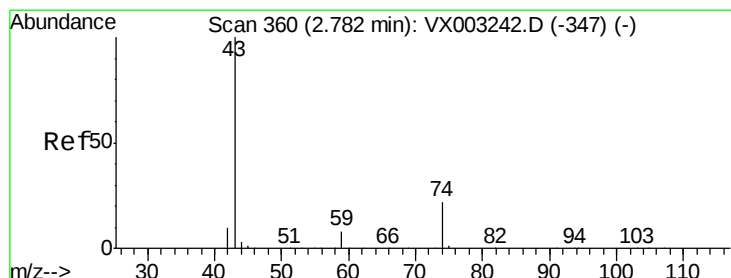
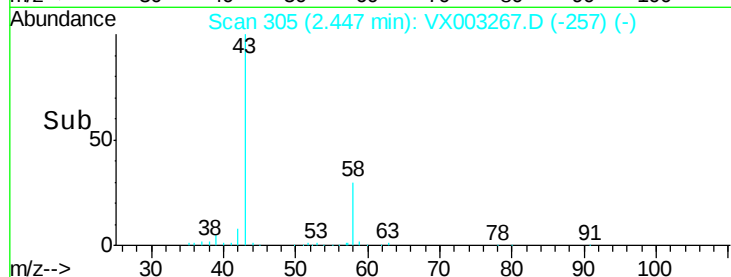
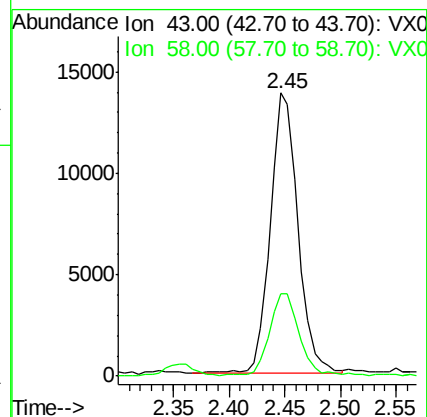
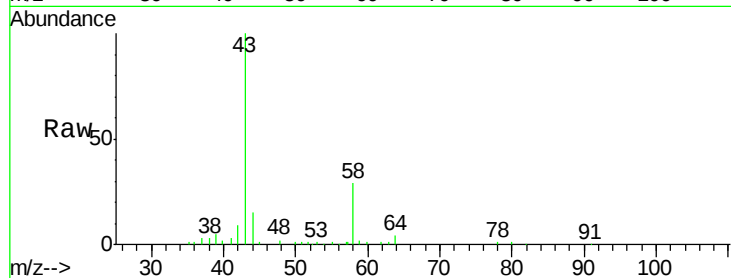
PB110911ZHE#13

Tot Ion: 43 Resp: 24002

Ion Ratio Lower Upper

43 100

58 28.8 22.1 33.1



#18

Methyl Acetate

Concen: 5.94 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003267.D

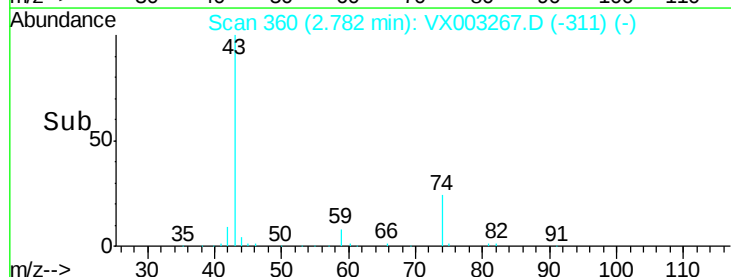
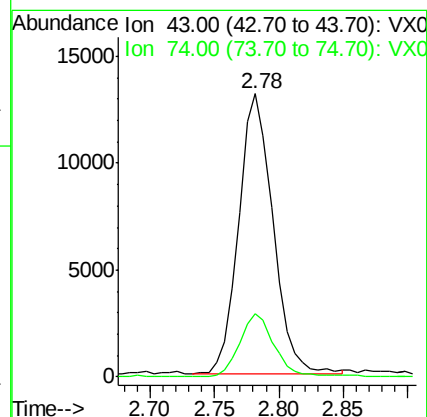
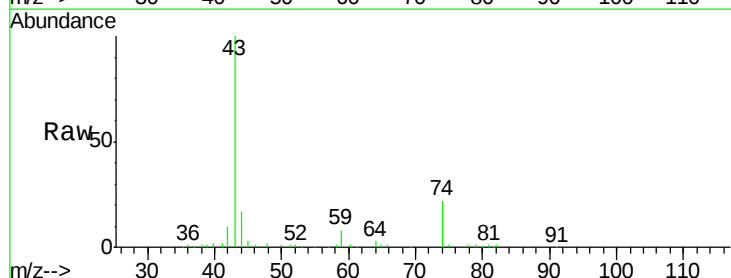
Acq: 10 Jul 2018 01:50

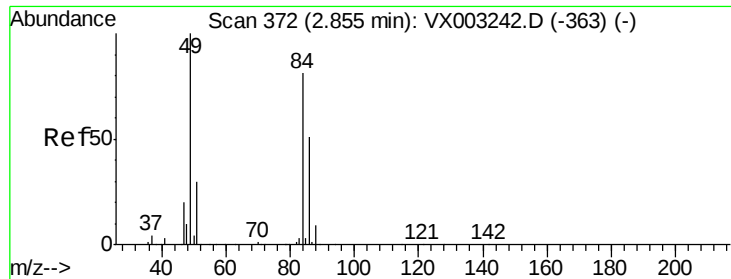
Tgt Ion: 43 Resp: 24175

Ion Ratio Lower Upper

43 100

74 22.5 16.7 25.1

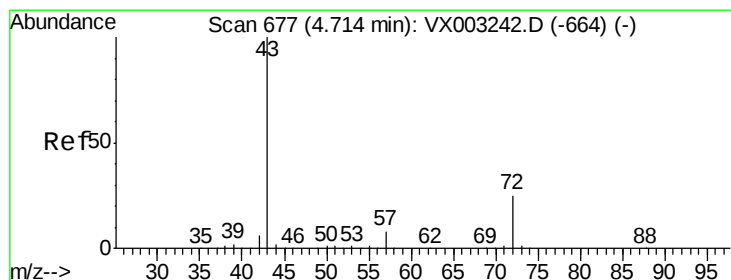
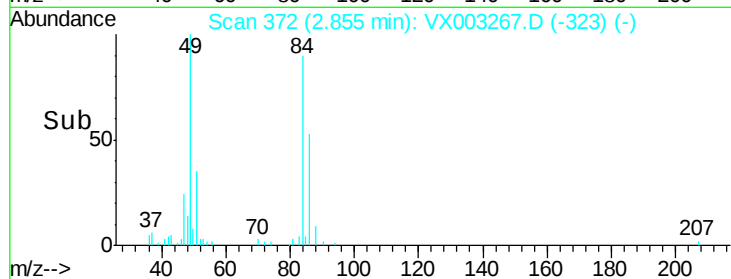
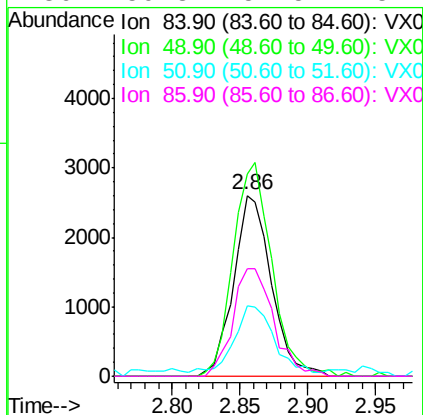
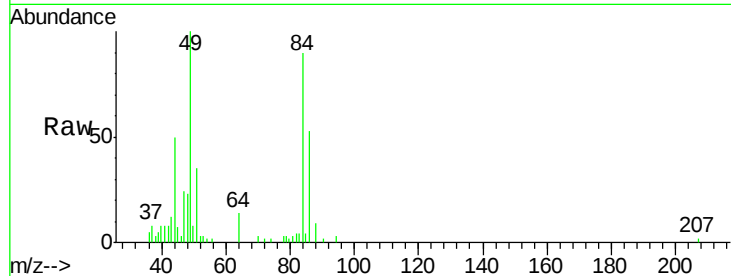




#20
Methvlene Chloride
Concen: 1.02 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003267.D
Acq: 10 Jul 2018 01:50

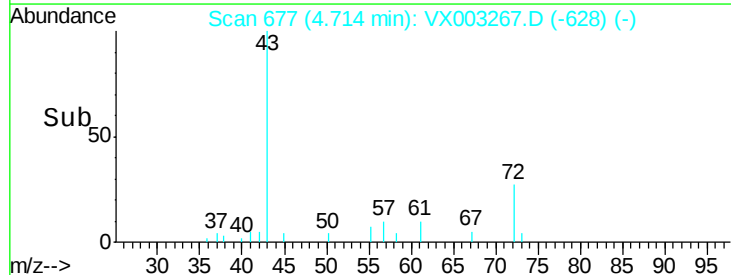
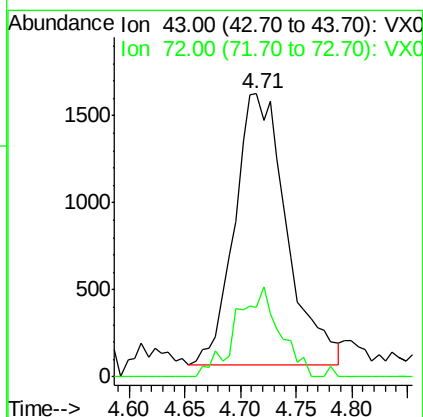
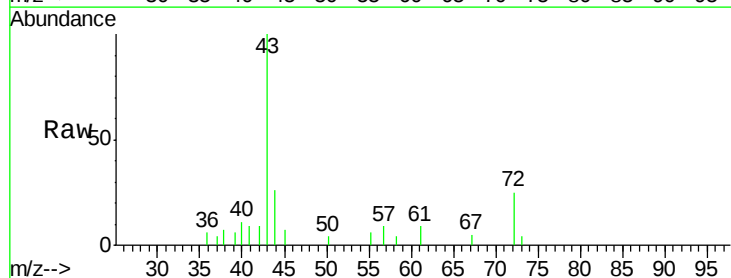
Instrument :
MSVOA_X
ClientSampleId :
PB110911ZHE#13

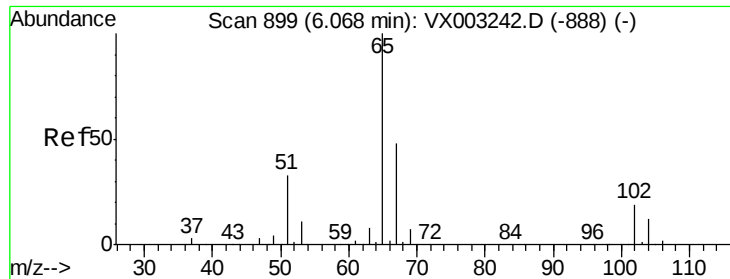
Tot Ion:	84	Resp:	5057
Ion	Ratio	Lower	Upper
84	100		
49	111.7	107.8	161.6
51	36.9	32.8	49.2
86	59.3	52.5	78.7



#25
2-Butanone
Concen: 1.99 ug/l
RT: 4.71 min Scan# 677
Delta R.T. 0.00 min
Lab File: VX003267.D
Acq: 10 Jul 2018 01:50

Tgt Ion:	43	Resp:	5073
Ion	Ratio	Lower	Upper
43	100		
72	25.9	18.5	27.7





#33

1,2-Dichloroethane-d4

Concen: 41.44 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003267.D

Acq: 10 Jul 2018 01:50

Instrument :

MSVOA_X

ClientSampleId :

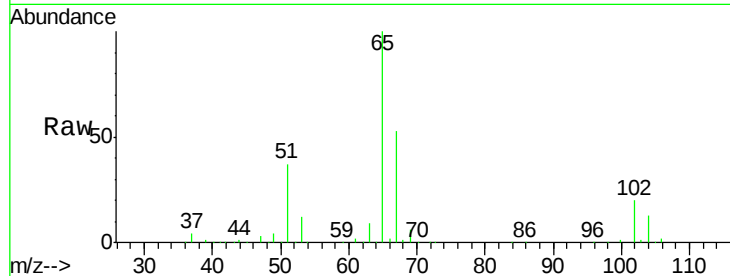
PB110911ZHE#13

Tot Ion: 65 Resp: 168409

Ion Ratio Lower Upper

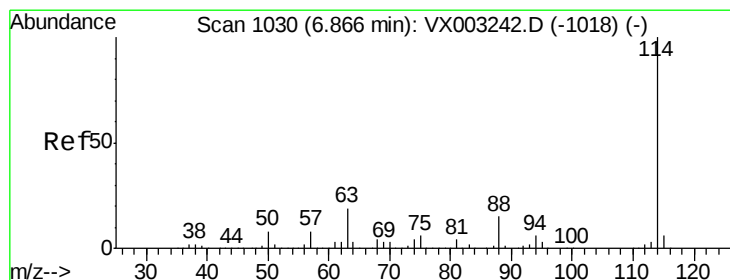
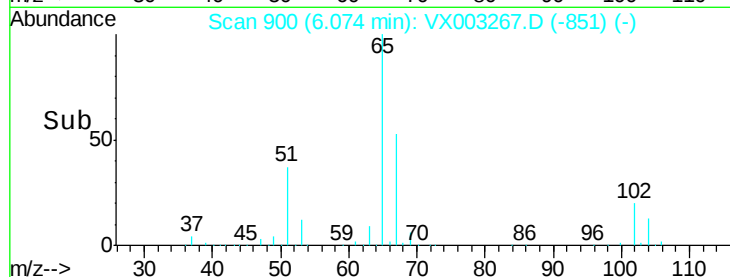
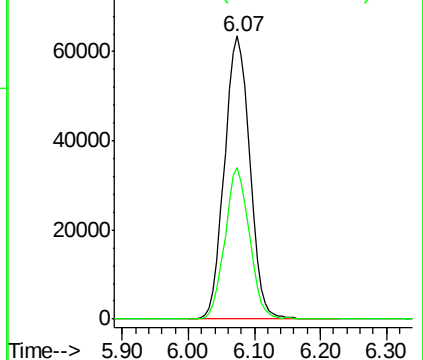
65 100

67 51.6 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: VX003267.D

Acq: 10 Jul 2018 01:50

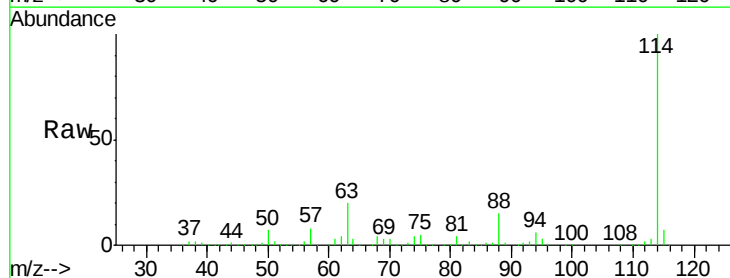
Tgt Ion: 114 Resp: 362830

Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.4

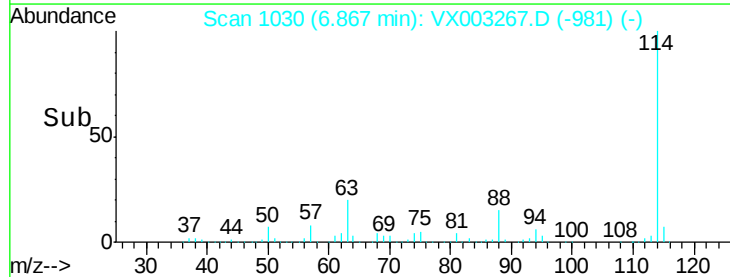
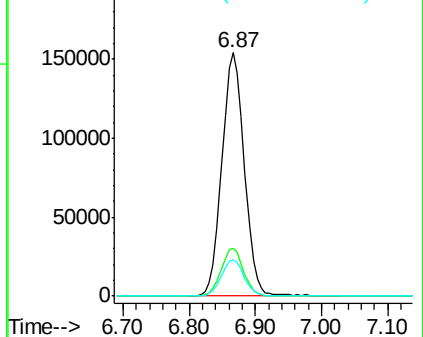
88 14.8 0.0 30.0

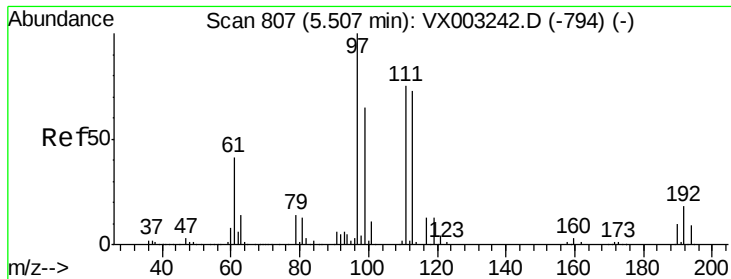


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 35.97 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003267.D

Acq: 10 Jul 2018 01:50

Instrument :

MSVOA_X

ClientSampleId :

PB110911ZHE#13

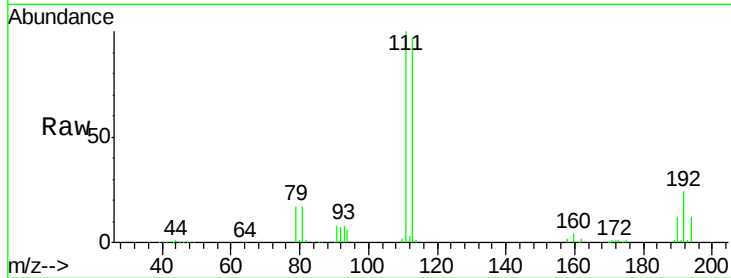
Tot Ion:113 Resp: 140194

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

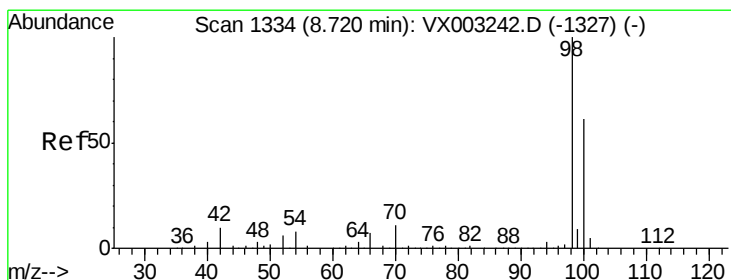
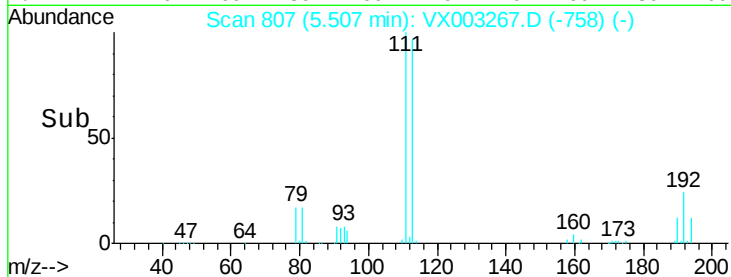
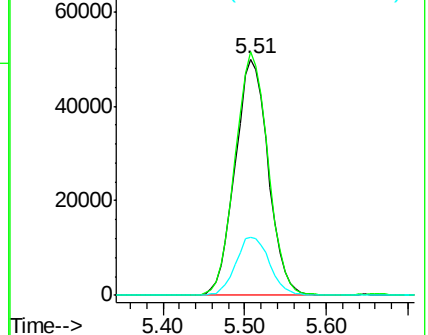
192 25.3 19.1 28.7



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



#50

Toluene-d8

Concen: 37.54 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003267.D

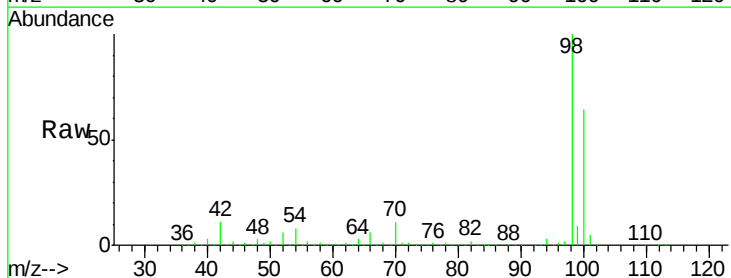
Acq: 10 Jul 2018 01:50

Tgt Ion: 98 Resp: 519780

Ion Ratio Lower Upper

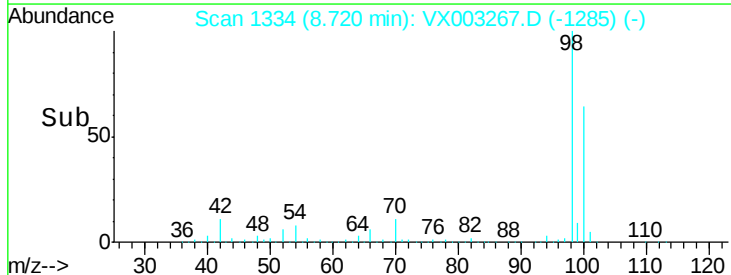
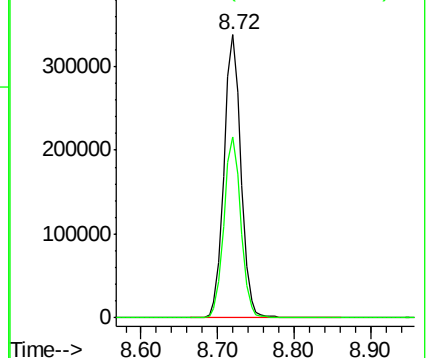
98 100

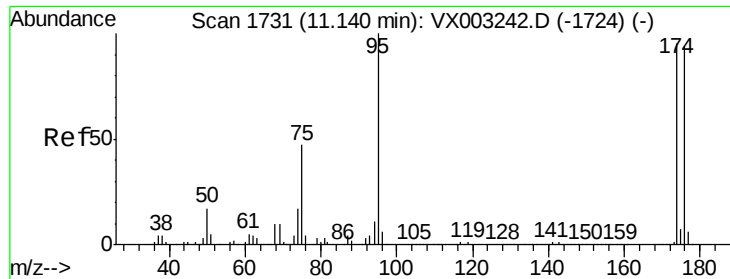
100 64.0 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 35.06 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003267.D

Acq: 10 Jul 2018 01:50

Instrument :

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ClientSampleId :

PB110911ZHE#13

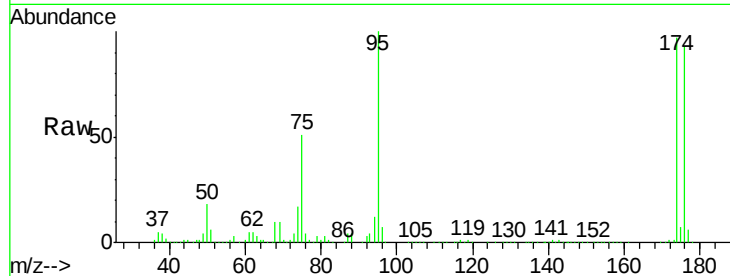
Tot Ion: 95 Resp: 179385

Ion Ratio Lower Upper

95 100

174 101.5 0.0 187.4

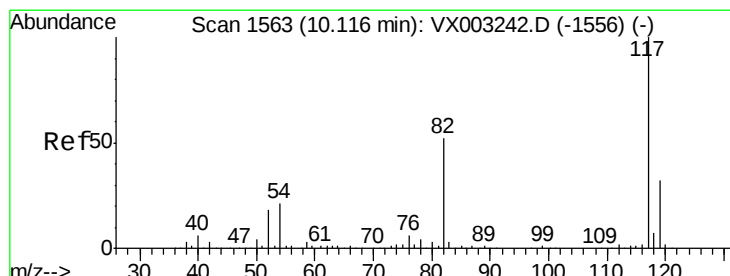
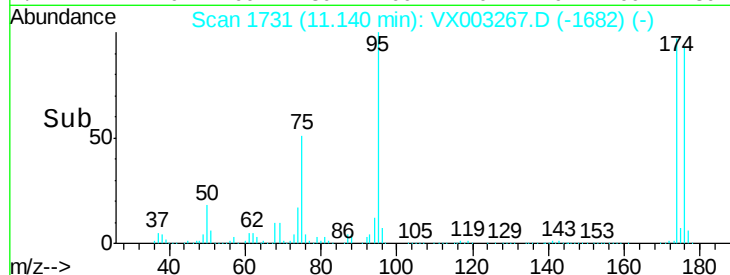
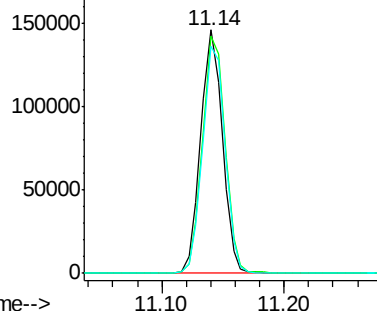
176 96.7 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX003267.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX003267.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX003267.D (-1682) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003267.D

Acq: 10 Jul 2018 01:50

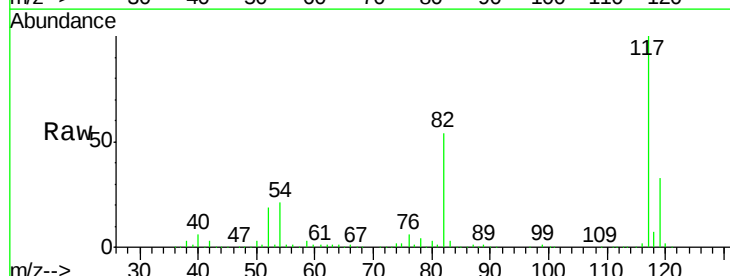
Tgt Ion: 117 Resp: 345205

Ion Ratio Lower Upper

117 100

82 53.8 45.0 67.4

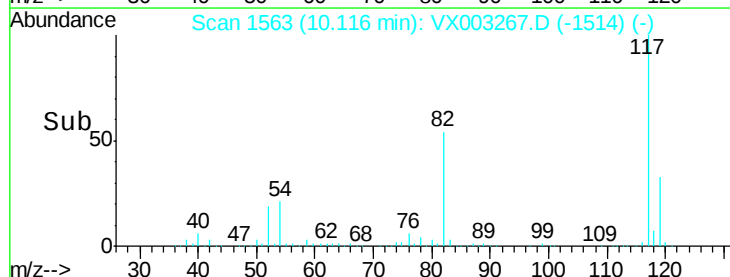
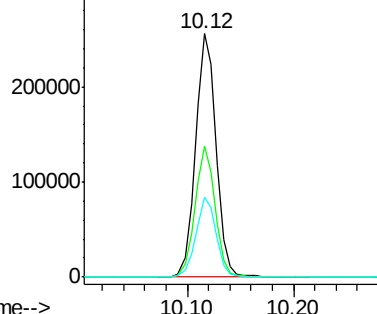
119 32.9 25.8 38.6

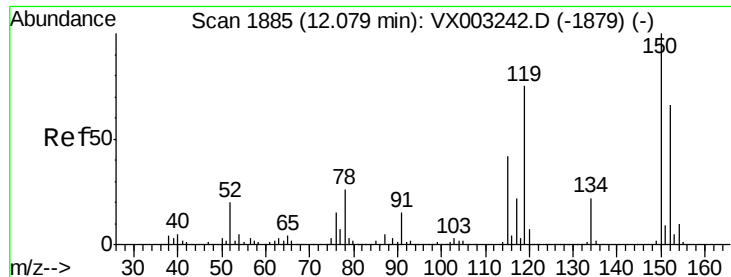


Abundance Ion 116.90 (116.60 to 117.60): VX003267.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX003267.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX003267.D (-1514) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003267.D

Acq: 10 Jul 2018 01:50

Instrument :

MSVOA_X

ClientSampleId :

PB110911ZHE#13

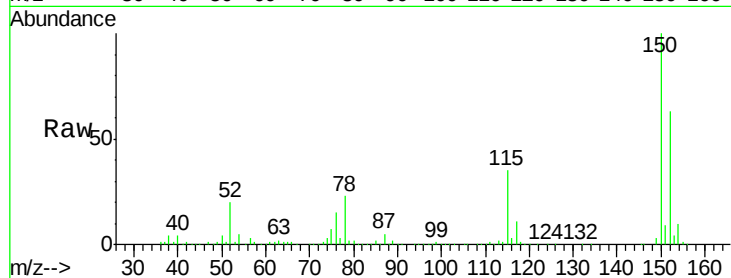
Tot Ion:152 Resp: 195741

Ion Ratio Lower Upper

152 100

115 53.6 40.1 120.2

150 157.0 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

