

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\
 Data File : VX003263.D
 Acq On : 10 Jul 2018 00:04
 Operator : JC/MD
 Sample : PB110911TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110911TB

Quant Time: Jul 10 01:26:45 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	241217	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	330076	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	313284	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	175797	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	153862	40.53	ug/l	0.00
Spiked Amount			Recovery	=	81.06%	
35) Dibromofluoromethane	5.51	113	128138	36.13	ug/l	0.00
Spiked Amount			Recovery	=	72.26%	
50) Toluene-d8	8.72	98	457214	36.30	ug/l	0.00
Spiked Amount			Recovery	=	72.60%	
62) 4-Bromofluorobenzene	11.14	95	163158	35.06	ug/l	0.00
Spiked Amount			Recovery	=	70.12%	

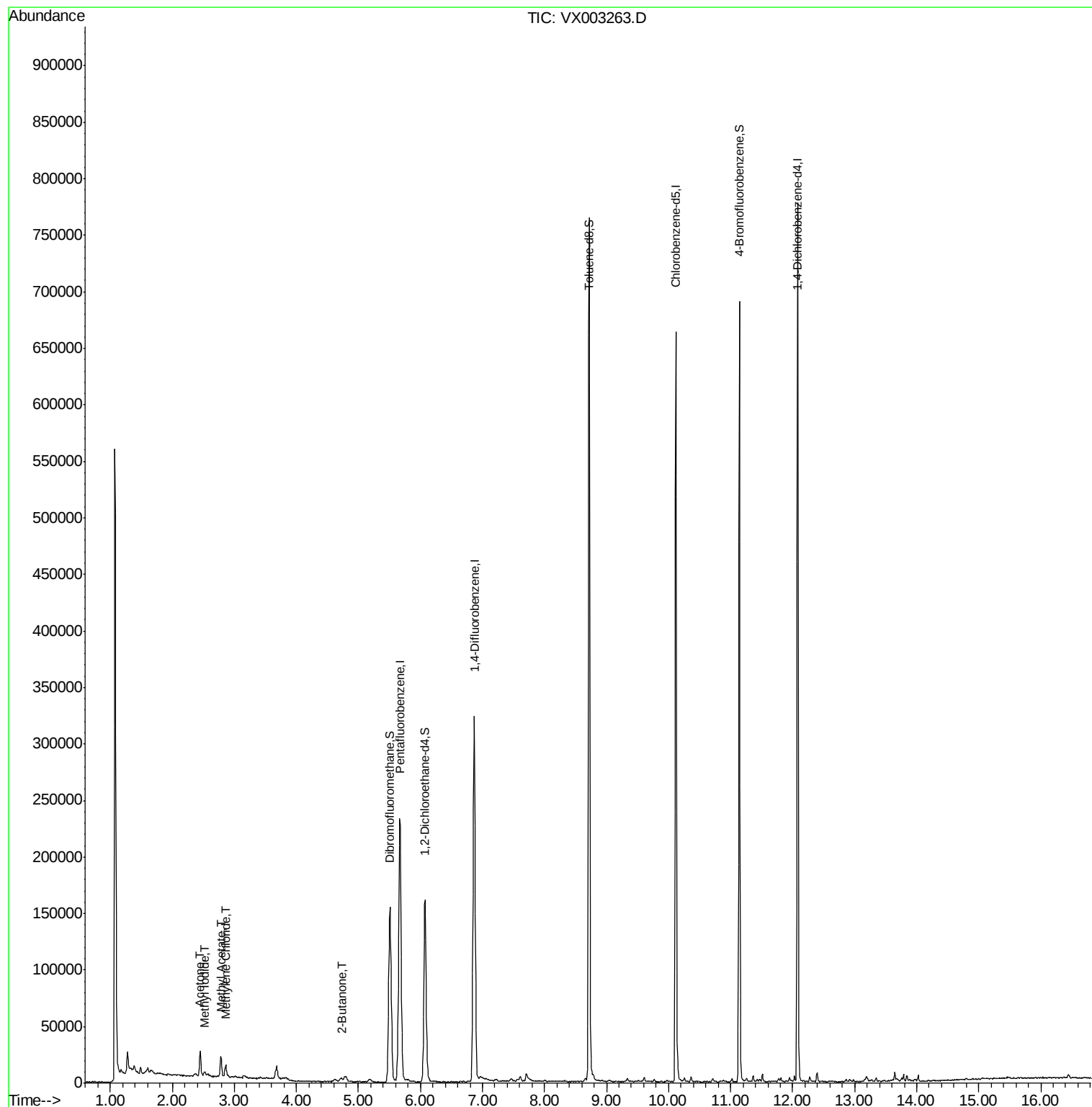
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.52	142	4832	6.95	ug/l	97
16) Acetone	2.45	43	24474	18.16	ug/l	98
18) Methyl Acetate	2.78	43	21653	5.70	ug/l	95
20) Methylene Chloride	2.86	84	5318	1.24	ug/l	90
25) 2-Butanone	4.73	43	5648	2.37	ug/l #	87

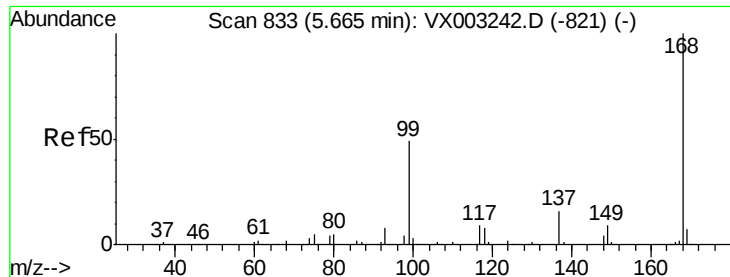
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 09 15:24:16 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: VX003263.D

Acq: 10 Jul 2018 00:04

Instrument :

MSVOA_X

ClientSampleId :

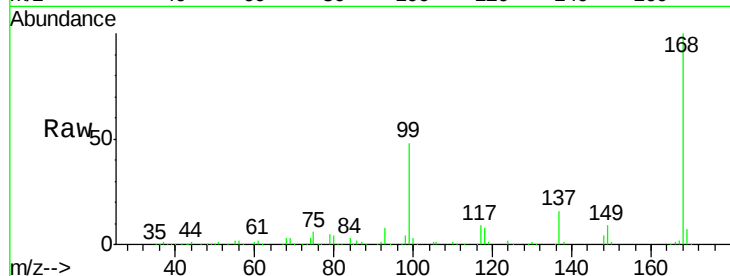
PB110911TB

Tot Ion:168 Resp: 241217

Ion Ratio Lower Upper

168 100

99 47.9 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

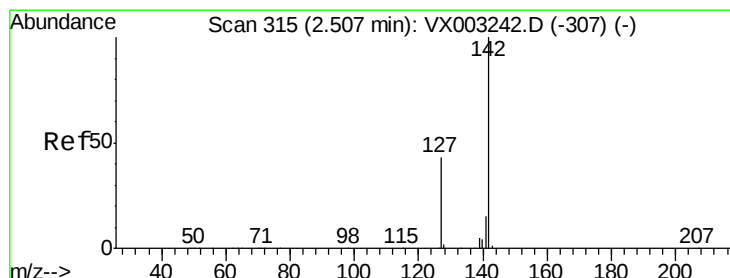
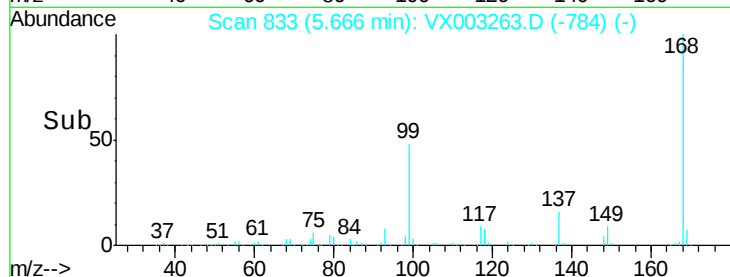
40000

20000

0

Time-->

5.60 5.70 5.80



#10

Methyl Iodide

Concen: 6.95 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX003263.D

Acq: 10 Jul 2018 00:04

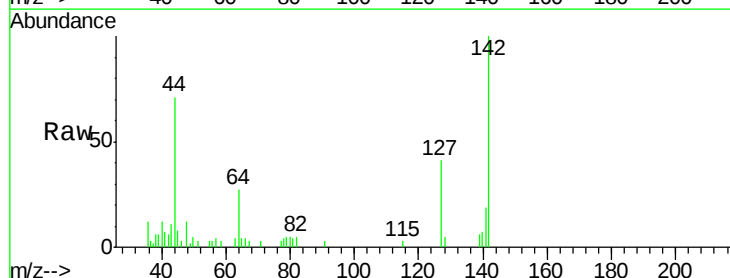
Tgt Ion:142 Resp: 4832

Ion Ratio Lower Upper

142 100

127 44.4 36.6 55.0

141 16.4 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

2500

2000

1500

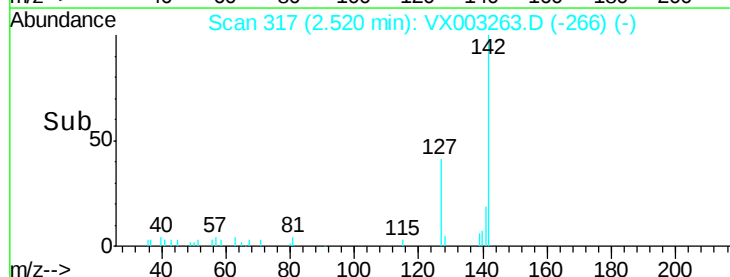
1000

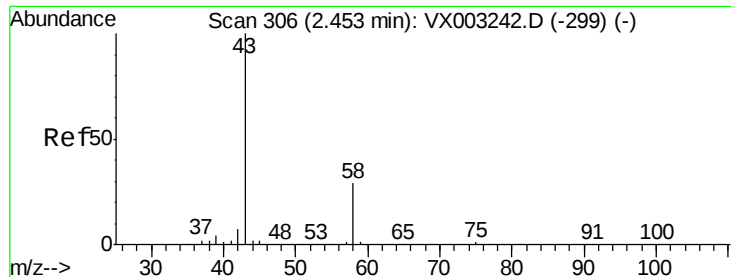
500

0

Time-->

2.45 2.50 2.55 2.60





#16

Acetone

Concen: 18.16 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003263.D

Acq: 10 Jul 2018 00:04

Instrument :

MSVOA_X

ClientSampleId :

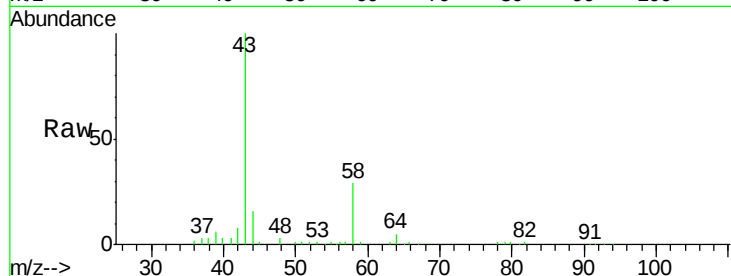
PB110911TB

Tot Ion: 43 Resp: 24474

Ion Ratio Lower Upper

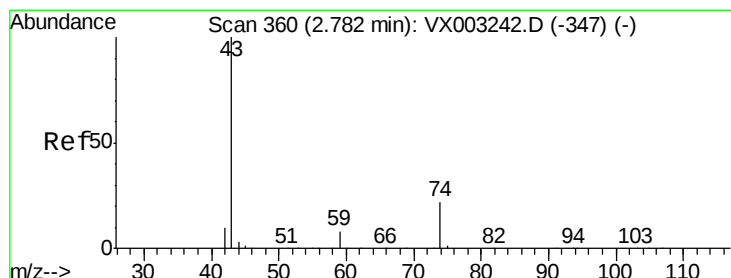
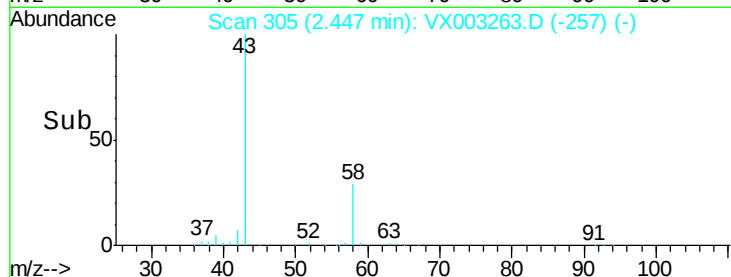
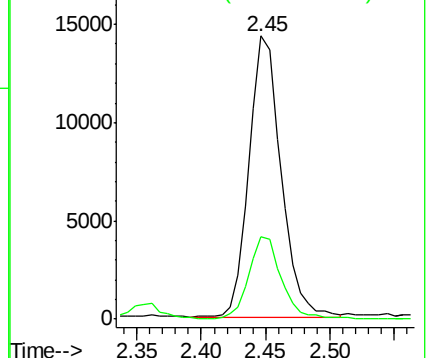
43 100

58 28.8 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 5.70 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003263.D

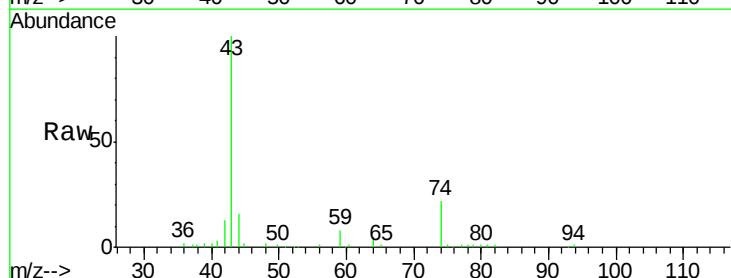
Acq: 10 Jul 2018 00:04

Tgt Ion: 43 Resp: 21653

Ion Ratio Lower Upper

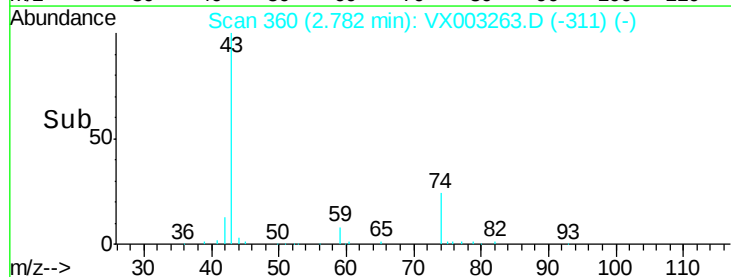
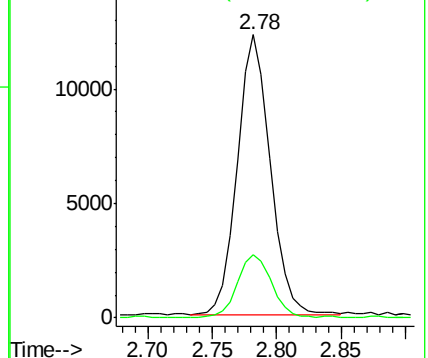
43 100

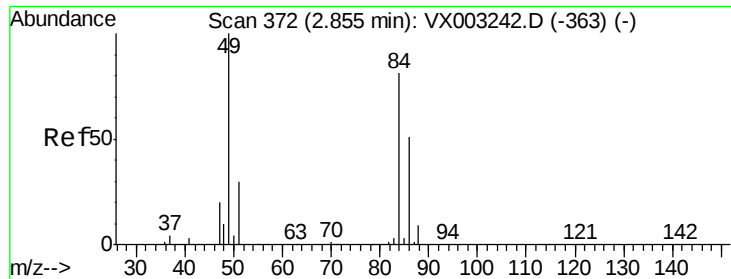
74 23.4 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

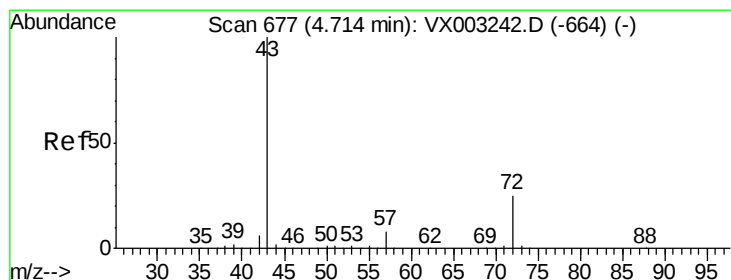
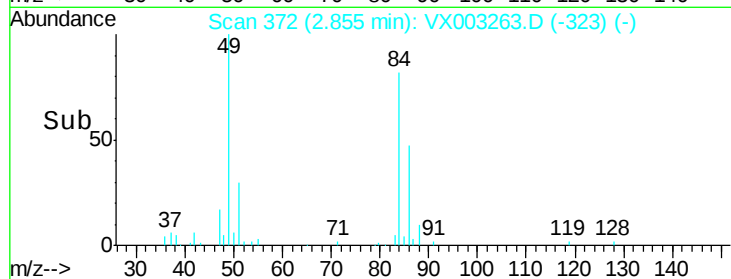
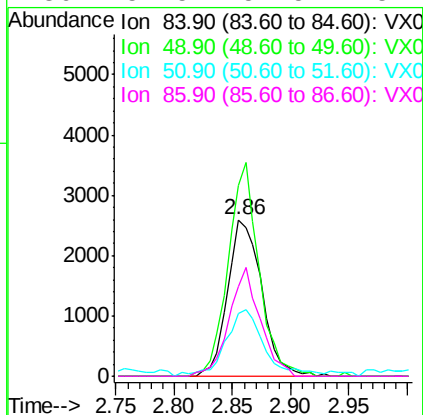
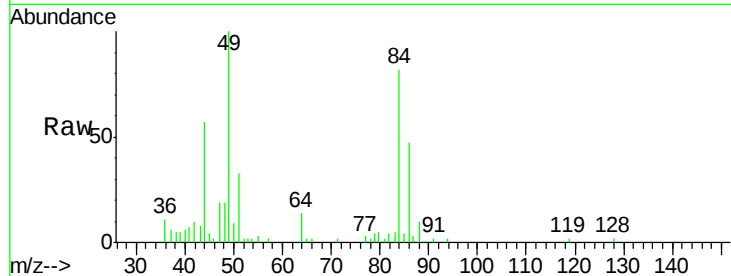




#20
Methvlene Chloride
Concen: 1.24 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003263.D
Acq: 10 Jul 2018 00:04

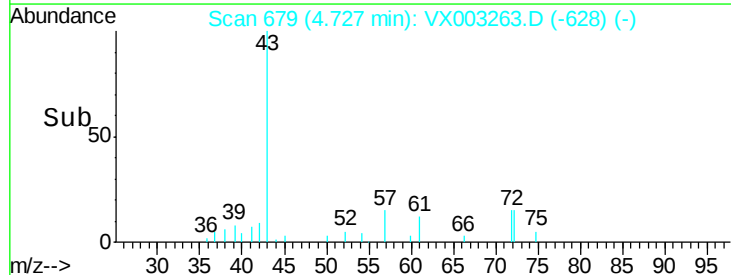
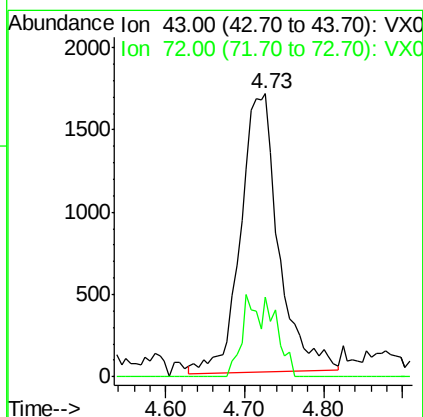
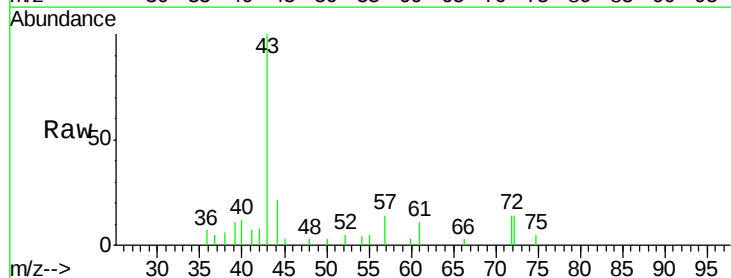
Instrument :
MSVOA_X
ClientSampled :
PB110911TB

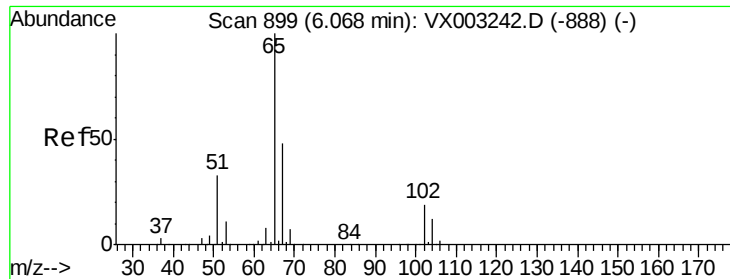
Tot Ion: 84 Resp: 5318
Ion Ratio Lower Upper
84 100
49 121.6 107.8 161.6
51 38.2 32.8 49.2
86 57.5 52.5 78.7



#25
2-Butanone
Concen: 2.37 ug/l
RT: 4.73 min Scan# 679
Delta R.T. 0.01 min
Lab File: VX003263.D
Acq: 10 Jul 2018 00:04

Tgt Ion: 43 Resp: 5648
Ion Ratio Lower Upper
43 100
72 29.2 18.5 27.7#





#33

1,2-Dichloroethane-d4

Concen: 40.53 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX003263.D

Acq: 10 Jul 2018 00:04

Instrument :

MSVOA_X

ClientSampleId :

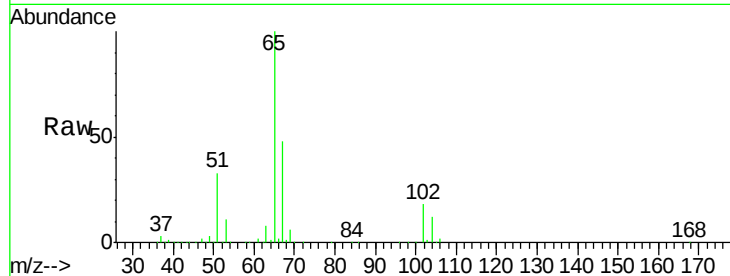
PB110911TB

Tot Ion: 65 Resp: 153862

Ion Ratio Lower Upper

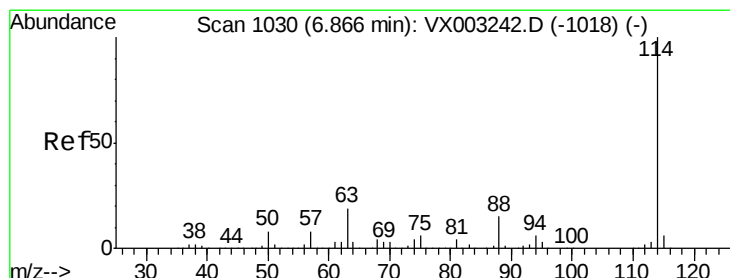
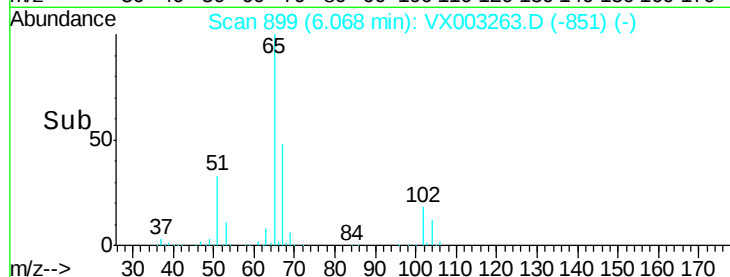
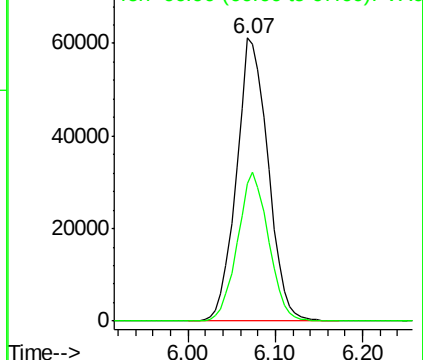
65 100

67 51.8 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: VX003263.D

Acq: 10 Jul 2018 00:04

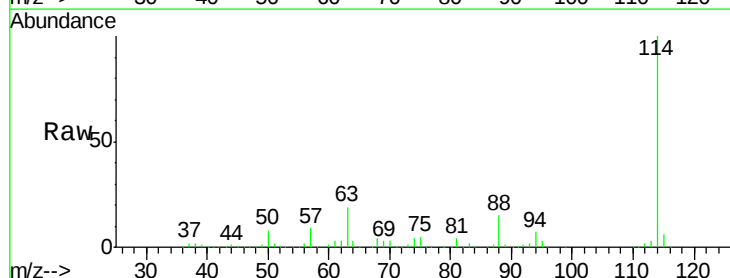
Tgt Ion: 114 Resp: 330076

Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.4

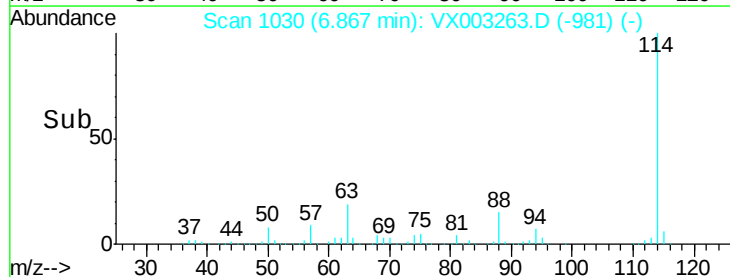
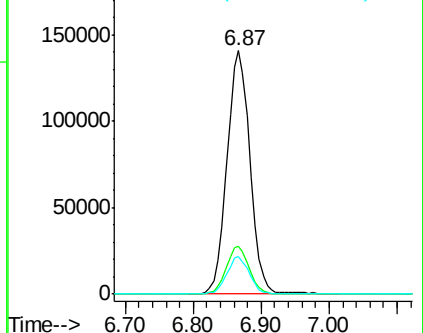
88 15.3 0.0 30.0

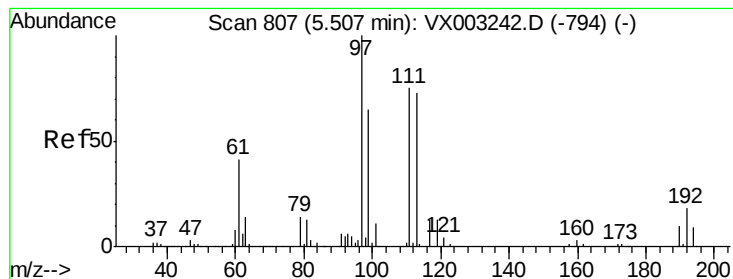


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 36.13 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003263.D

Acq: 10 Jul 2018 00:04

Instrument :

MSVOA_X

ClientSampleId :

PB110911TB

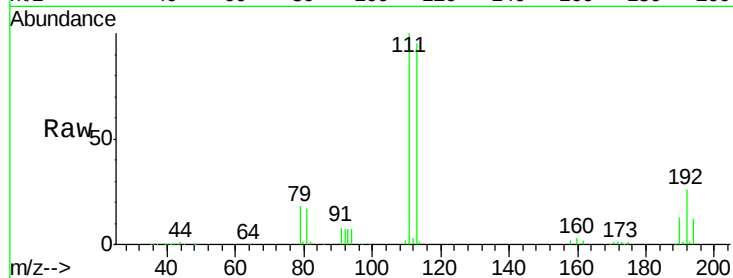
Tot Ion:113 Resp: 128138

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

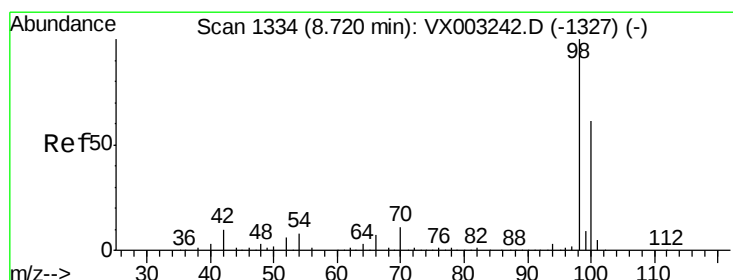
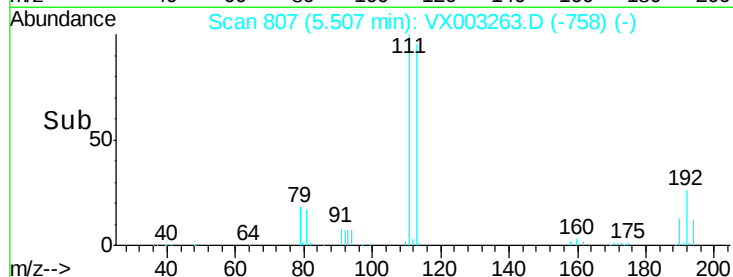
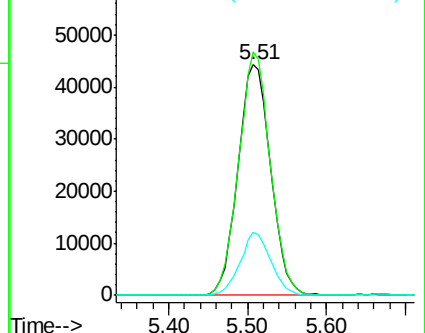
192 25.6 19.1 28.7



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: 36.30 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003263.D

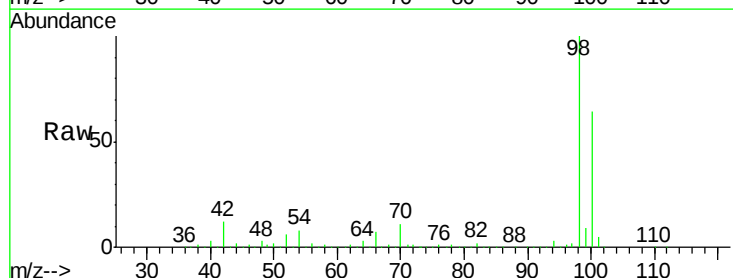
Acq: 10 Jul 2018 00:04

Tgt Ion: 98 Resp: 457214

Ion Ratio Lower Upper

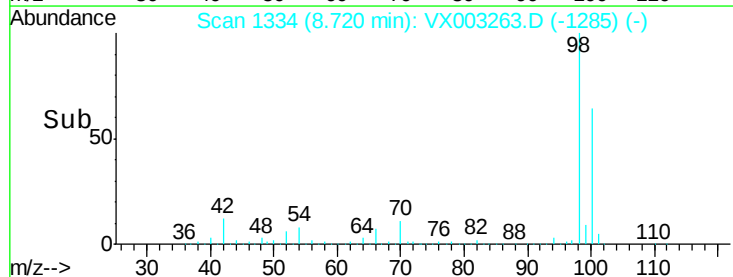
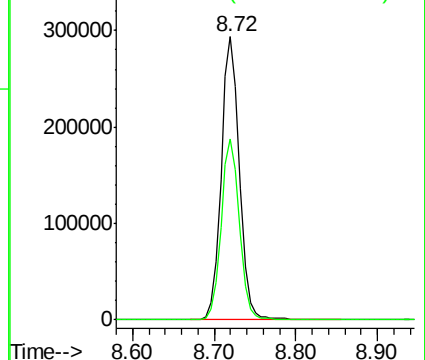
98 100

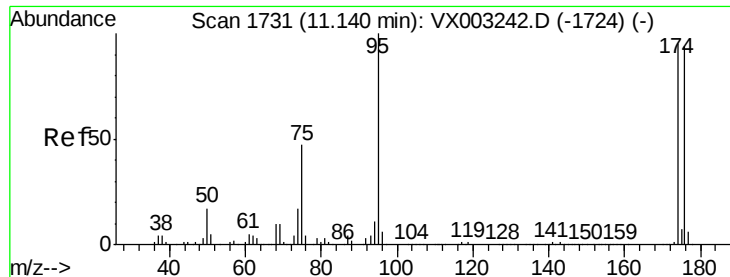
100 64.4 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

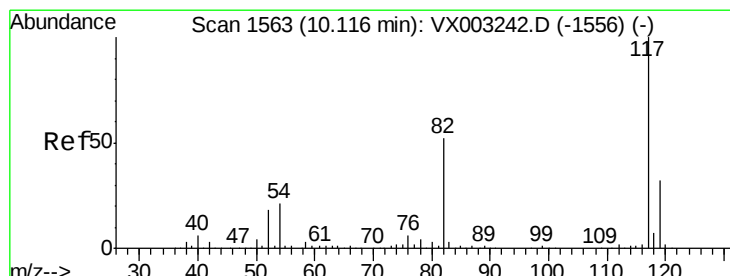
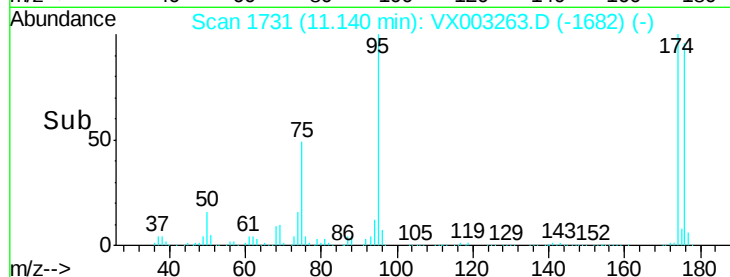
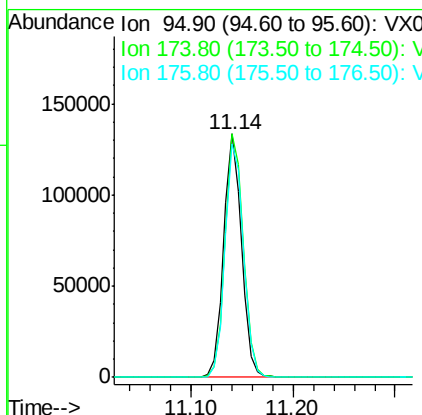
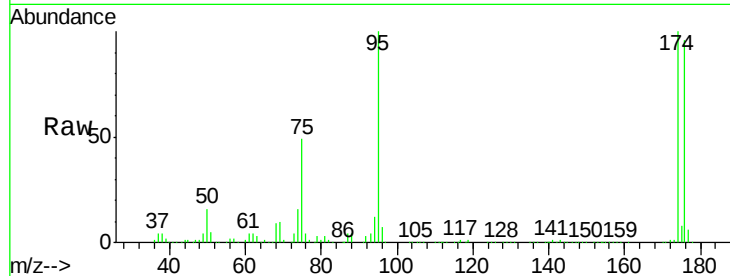




#62
4-Bromofluorobenzene
Concen: 35.06 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003263.D
Acq: 10 Jul 2018 00:04

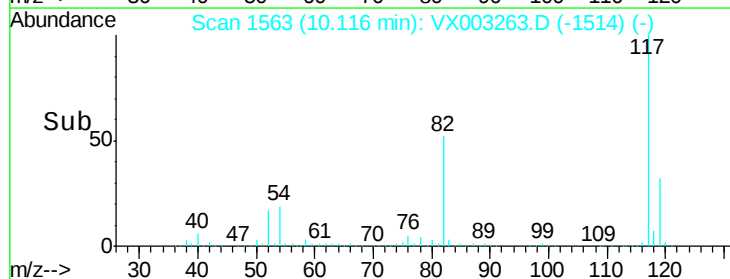
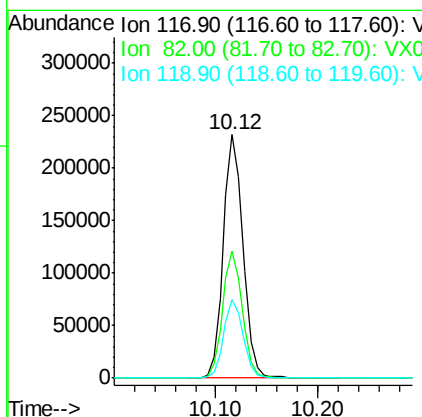
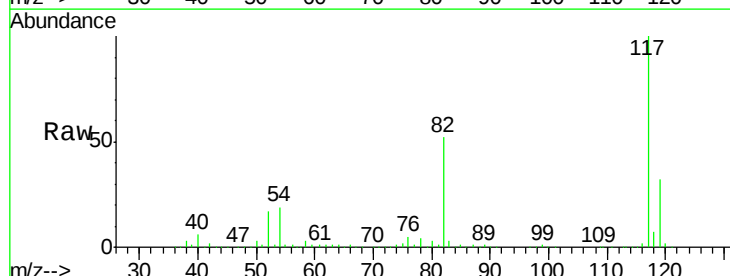
Instrument :
MSVOA_X
ClientSampled :
PB110911TB

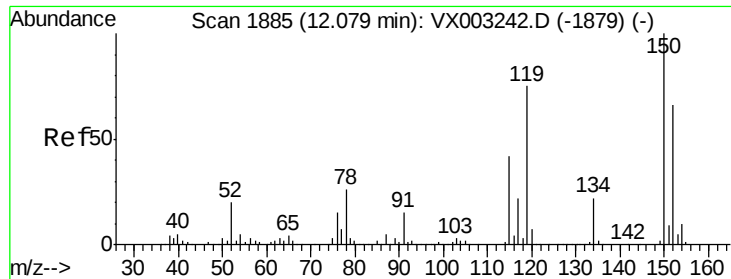
Tot Ion: 95 Resp: 163158
Ion Ratio Lower Upper
95 100
174 101.9 0.0 187.4
176 98.6 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003263.D
Acq: 10 Jul 2018 00:04

Tgt Ion: 117 Resp: 313284
Ion Ratio Lower Upper
117 100
82 52.0 45.0 67.4
119 32.4 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003263.D

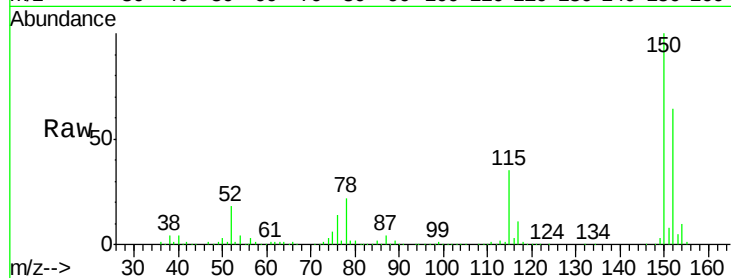
Acq: 10 Jul 2018 00:04

Instrument :

MSVOA_X

ClientSampleId :

PB110911TB



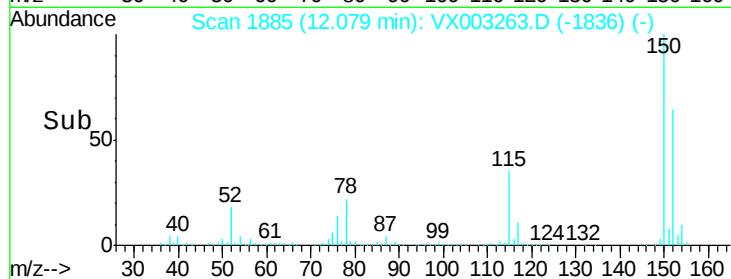
Tot Ion:152 Resp: 175797

Ion Ratio Lower Upper

152 100

115 52.5 40.1 120.2

150 155.6 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

