

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\
 Data File : VX003266.D
 Acq On : 10 Jul 2018 01:24
 Operator : JC/MD
 Sample : PB110911ZHE#12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110911ZHE#12

Quant Time: Jul 10 01:49:53 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

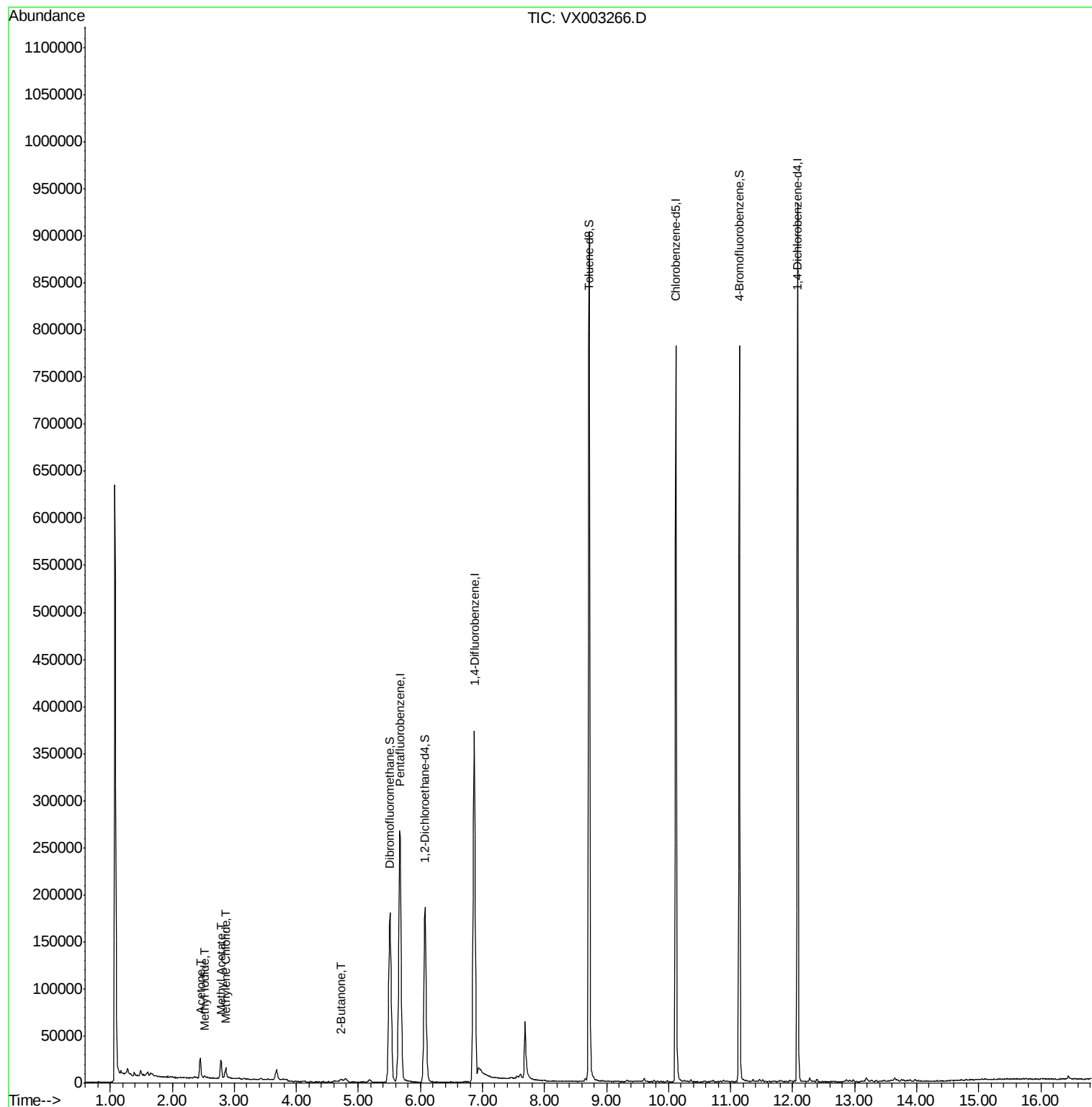
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	274297	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	381127	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	356079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	204160	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	175263	40.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.20%	
35) Dibromofluoromethane	5.51	113	149507	36.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.02%	
50) Toluene-d8	8.72	98	537983	36.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.98%	
62) 4-Bromofluorobenzene	11.14	95	186400	34.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.38%	
Target Compounds						
10) Methyl Iodide	2.52	142	2797	6.31	ug/l	90
16) Acetone	2.45	43	24166	15.77	ug/l	100
18) Methyl Acetate	2.78	43	23443	5.42	ug/l	95
20) Methylene Chloride	2.86	84	5349	1.01	ug/l	87
25) 2-Butanone	4.71	43	5755	2.12	ug/l #	85

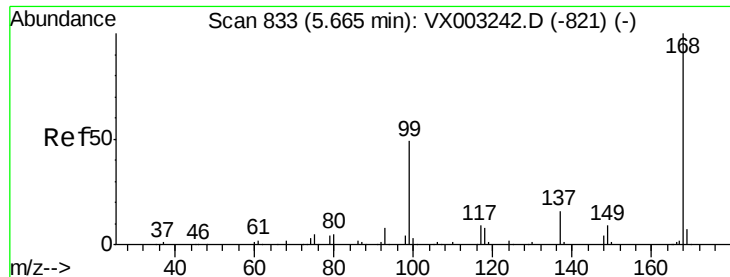
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003266.D

Acq: 10 Jul 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

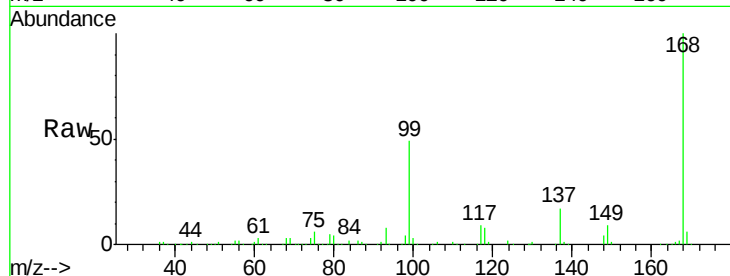
PB110911ZHE#12

Tot Ion:168 Resp: 274297

Ion Ratio Lower Upper

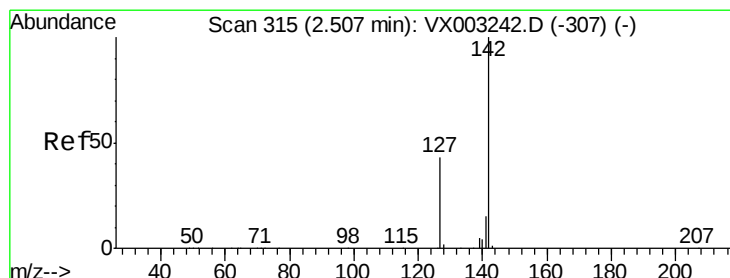
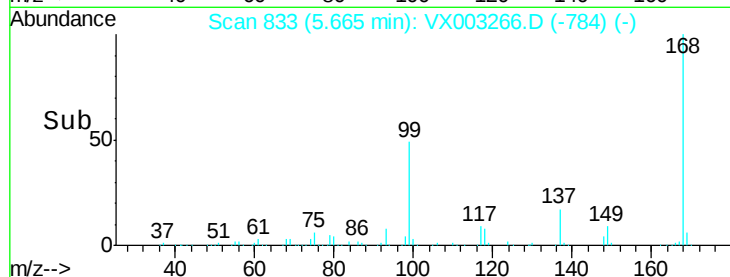
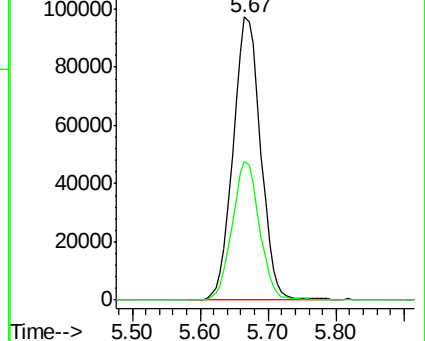
168 100

99 49.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#10

Methyl Iodide

Concen: 6.31 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX003266.D

Acq: 10 Jul 2018 01:24

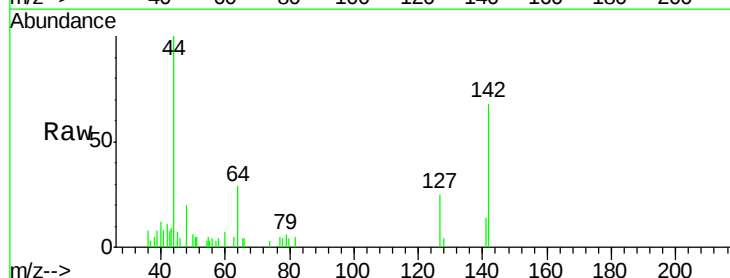
Tgt Ion:142 Resp: 2797

Ion Ratio Lower Upper

142 100

127 38.4 36.6 55.0

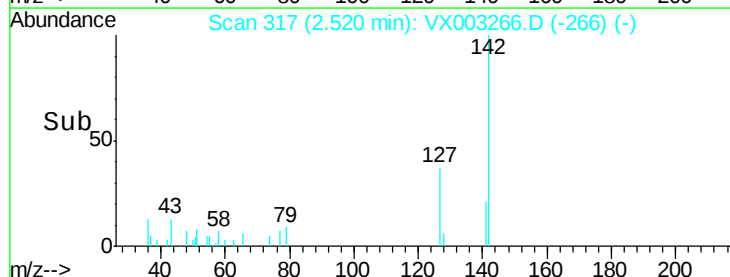
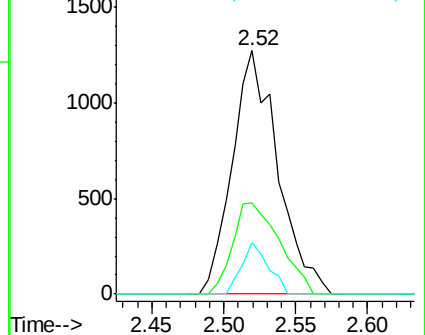
141 12.4 11.3 16.9

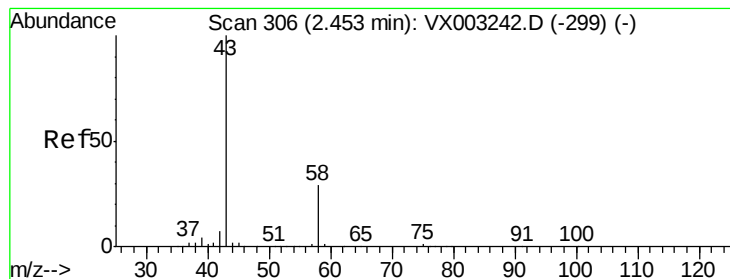


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#16

Acetone

Concen: 15.77 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003266.D

Acq: 10 Jul 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

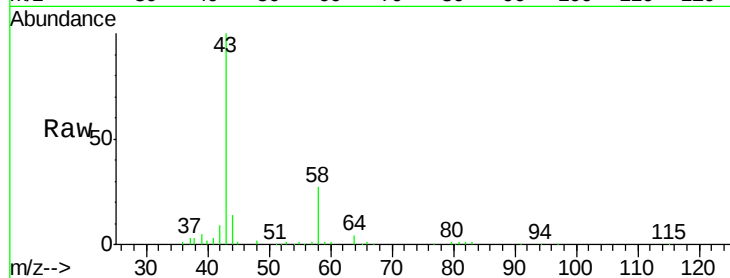
PB110911ZHE#12

Tot Ion: 43 Resp: 24166

Ion Ratio Lower Upper

43 100

58 27.5 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

15000

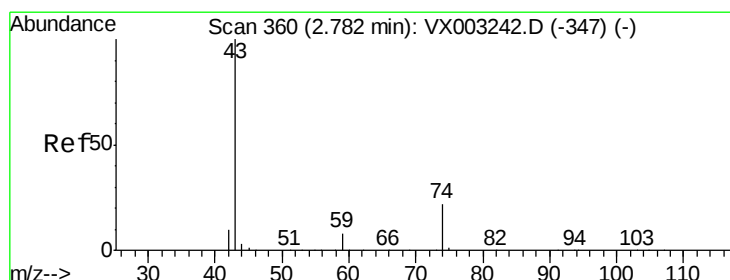
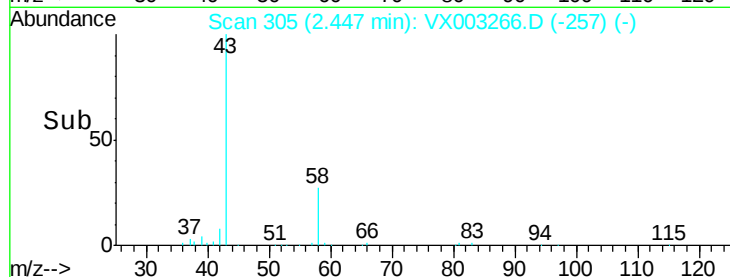
10000

5000

0

2.40 2.45 2.50

Time-->



#18

Methyl Acetate

Concen: 5.42 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003266.D

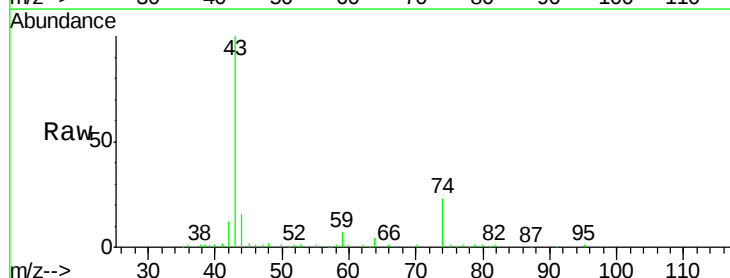
Acq: 10 Jul 2018 01:24

Tgt Ion: 43 Resp: 23443

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

15000

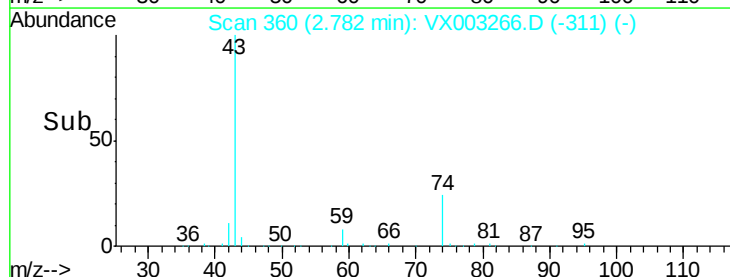
10000

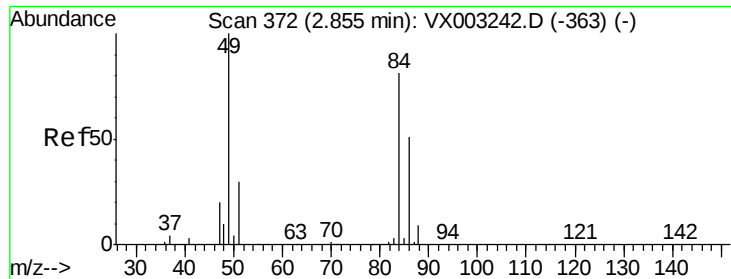
5000

0

2.70 2.75 2.80 2.85

Time-->

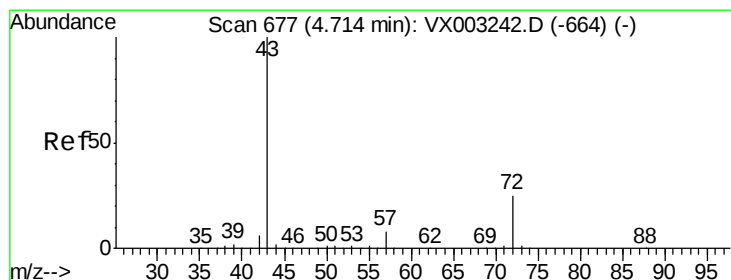
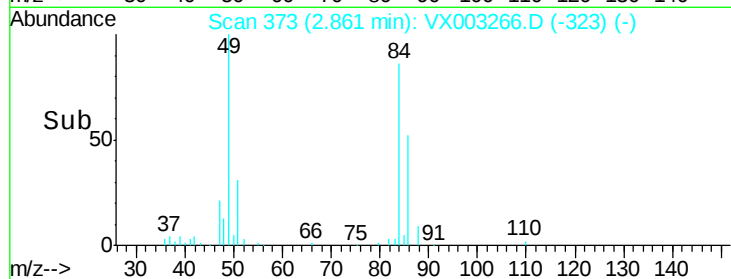
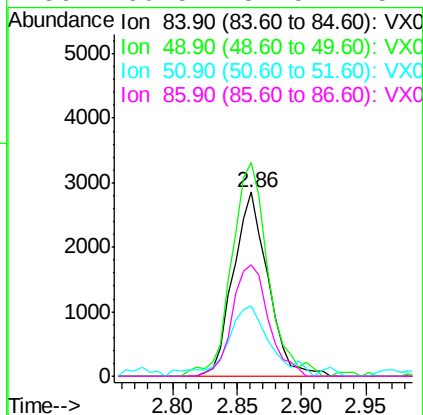
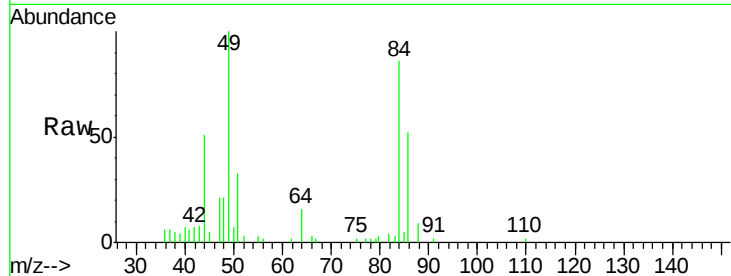




#20
Methvlene Chloride
Concen: 1.01 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003266.D
Acq: 10 Jul 2018 01:24

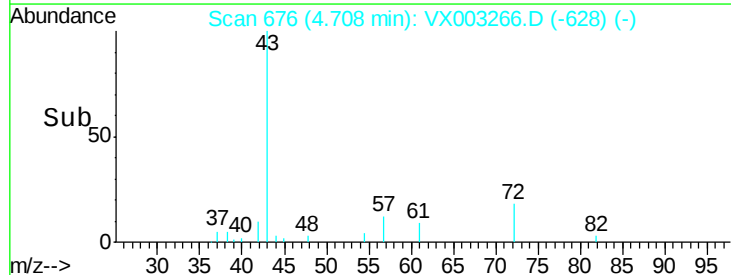
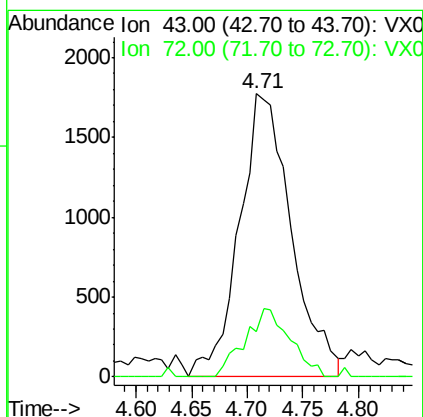
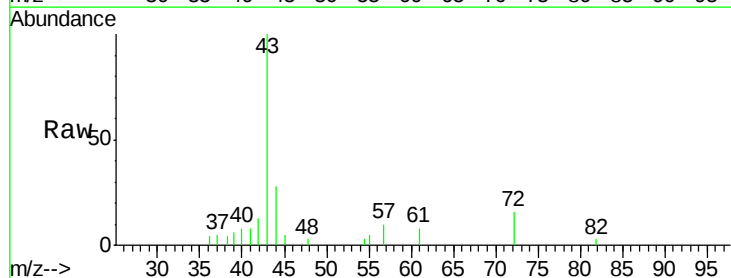
Instrument :
MSVOA_X
ClientSampleId :
PB110911ZHE#12

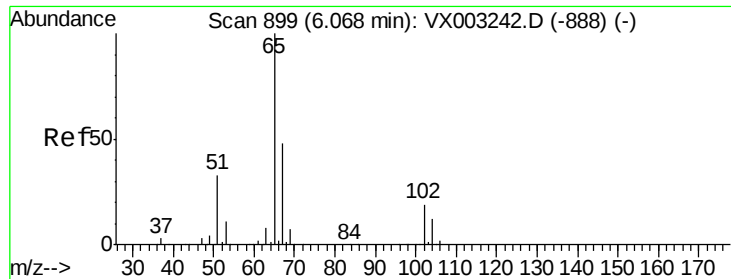
Tot Ion: 84 Resp: 5349
Ion Ratio Lower Upper
84 100
49 113.7 107.8 161.6
51 35.9 32.8 49.2
86 60.5 52.5 78.7



#25
2-Butanone
Concen: 2.12 ug/l
RT: 4.71 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX003266.D
Acq: 10 Jul 2018 01:24

Tgt Ion: 43 Resp: 5755
Ion Ratio Lower Upper
43 100
72 16.0 18.5 27.7#

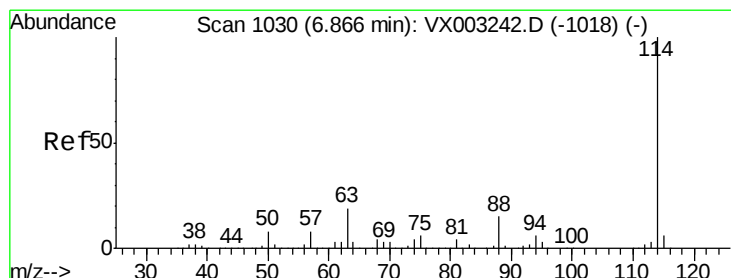
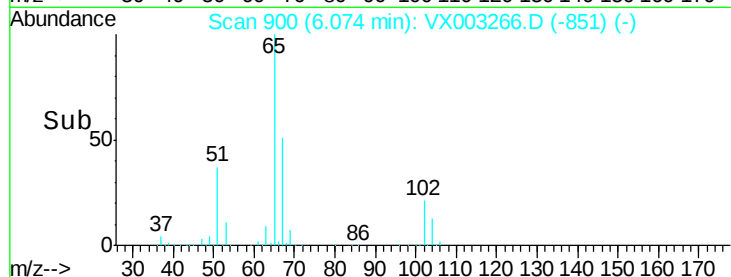
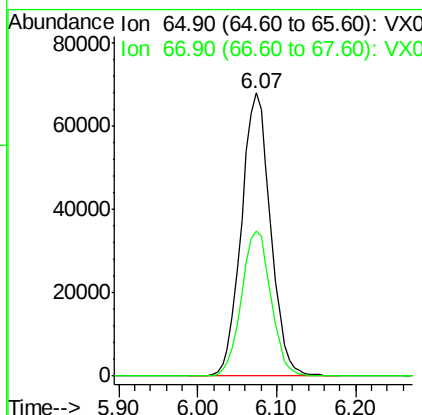
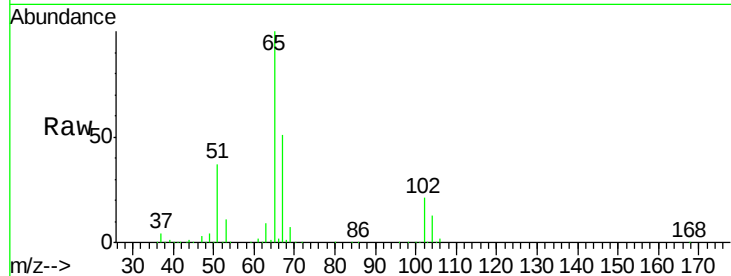




#33
 1,2-Dichloroethane-d4
 Concen: 40.60 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003266.D
 Acq: 10 Jul 2018 01:24

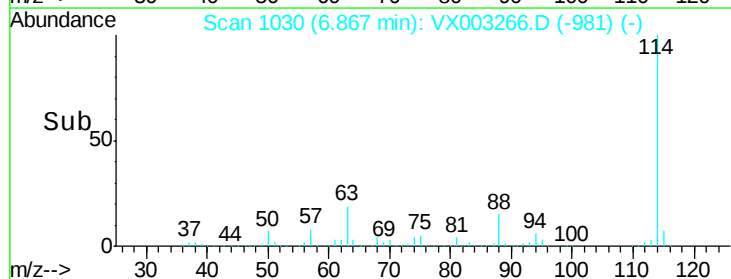
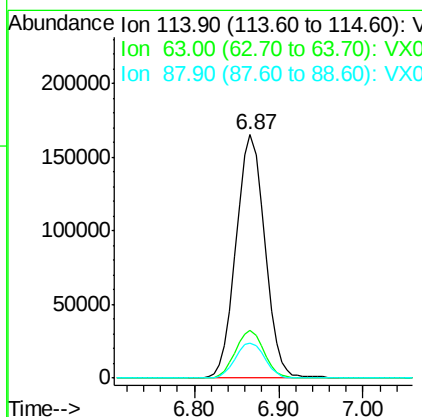
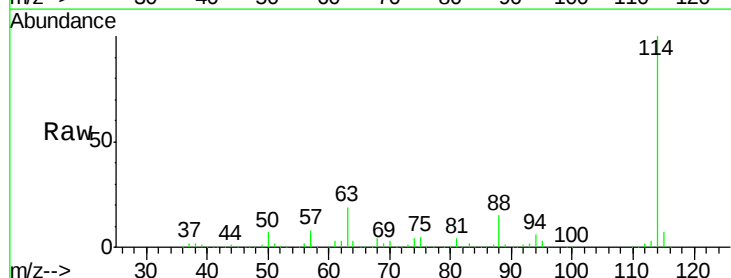
Instrument :
 MSVOA_X
 ClientSampleId :
 PB110911ZHE#12

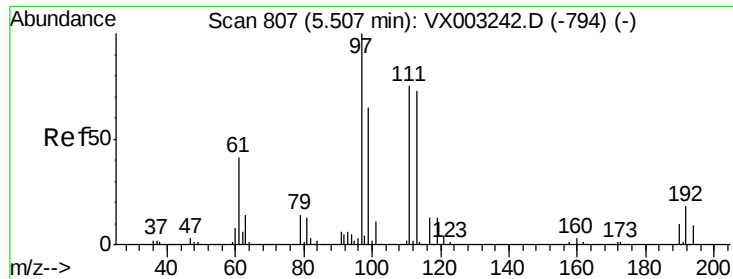
Tot Ion: 65 Resp: 175263
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003266.D
 Acq: 10 Jul 2018 01:24

Tgt Ion: 114 Resp: 381127
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 41.4
 88 14.5 0.0 30.0

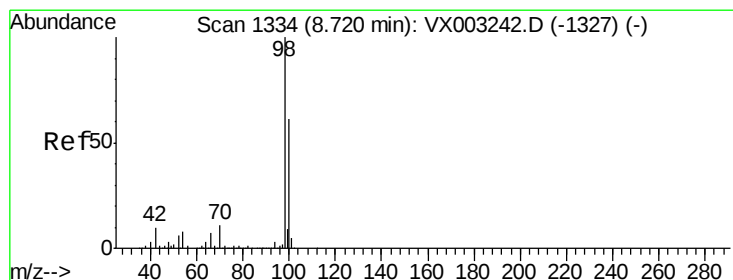
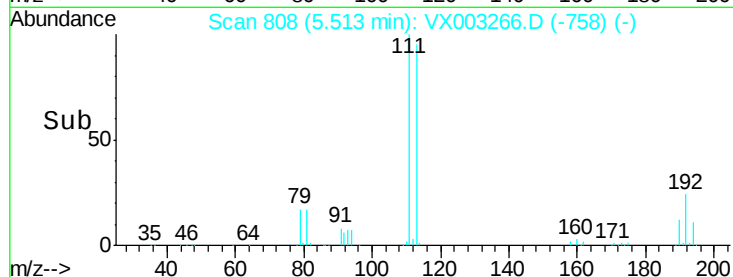
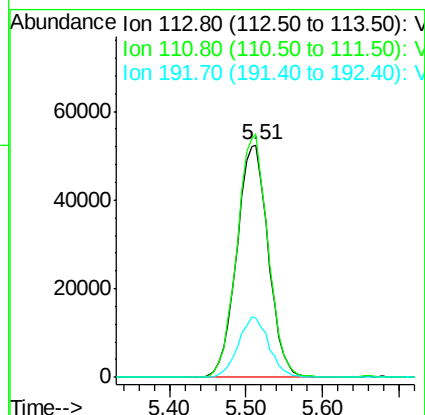
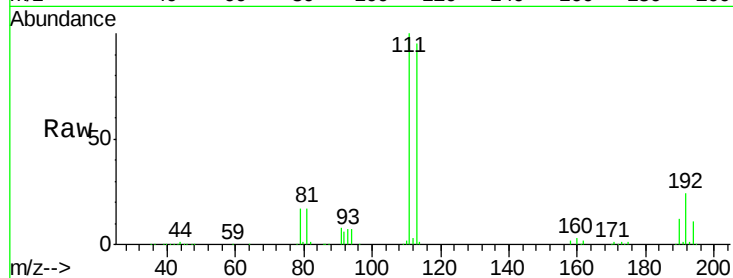




#35
 Dibromofluoromethane
 Concen: 36.51 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX003266.D
 Acq: 10 Jul 2018 01:24

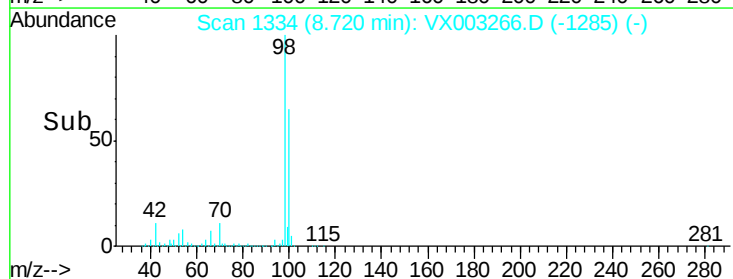
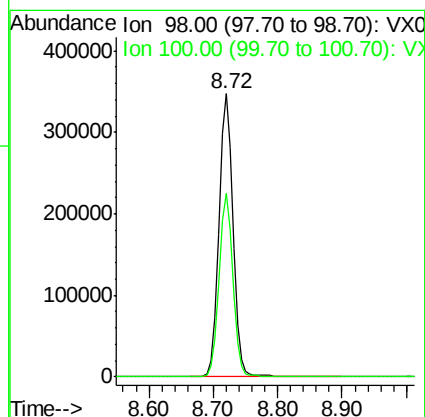
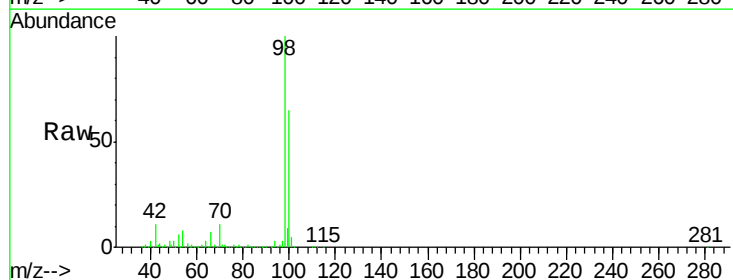
Instrument :
 MSVOA_X
 ClientSampleId :
 PB110911ZHE#12

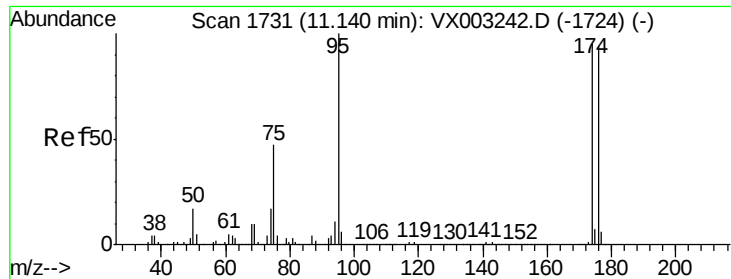
Tot Ion:113 Resp: 149507
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.4 122.0
 192 25.4 19.1 28.7



#50
 Toluene-d8
 Concen: 36.99 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003266.D
 Acq: 10 Jul 2018 01:24

Tgt Ion: 98 Resp: 537983
 Ion Ratio Lower Upper
 98 100
 100 64.2 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 34.69 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003266.D

Acq: 10 Jul 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

PB110911ZHE#12

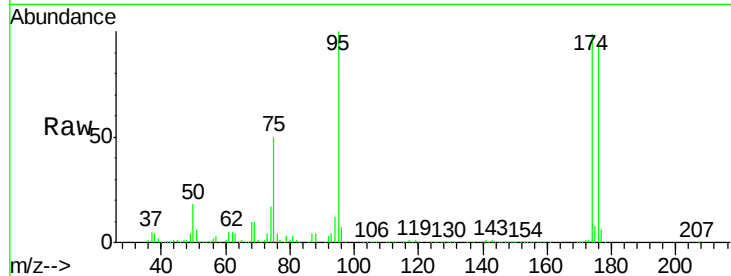
Tot Ion: 95 Resp: 186400

Ion Ratio Lower Upper

95 100

174 100.9 0.0 187.4

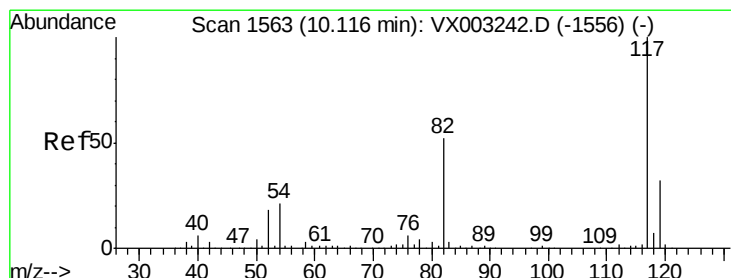
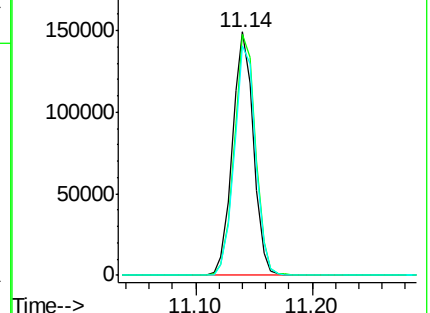
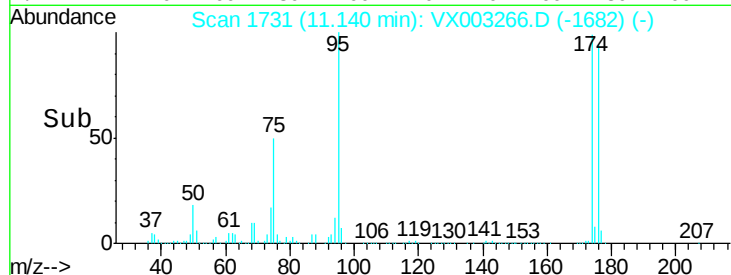
176 95.8 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX003266.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX003266.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX003266.D (-1682) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003266.D

Acq: 10 Jul 2018 01:24

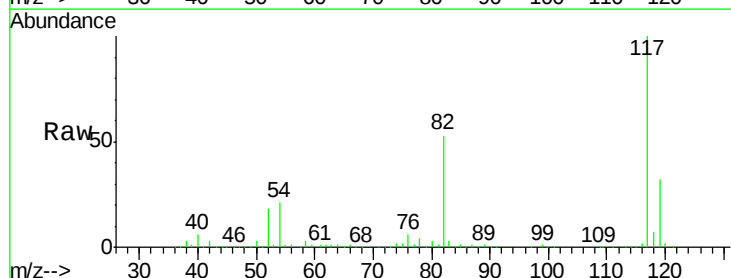
Tgt Ion: 117 Resp: 356079

Ion Ratio Lower Upper

117 100

82 53.4 45.0 67.4

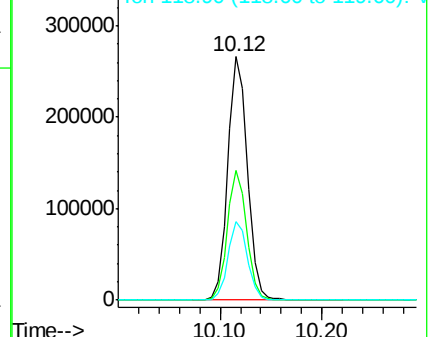
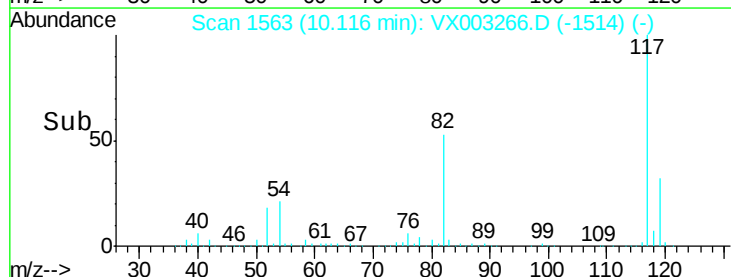
119 32.3 25.8 38.6

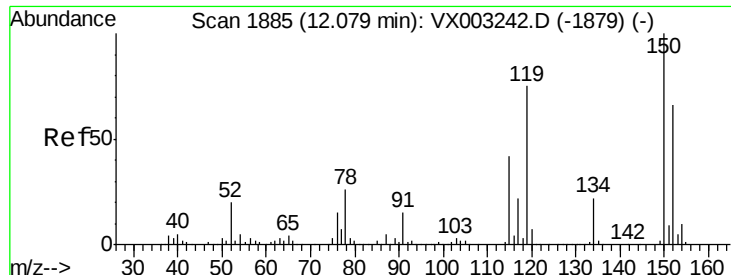


Abundance Ion 116.90 (116.60 to 117.60): VX003266.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX003266.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX003266.D (-1514) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VX003266.D

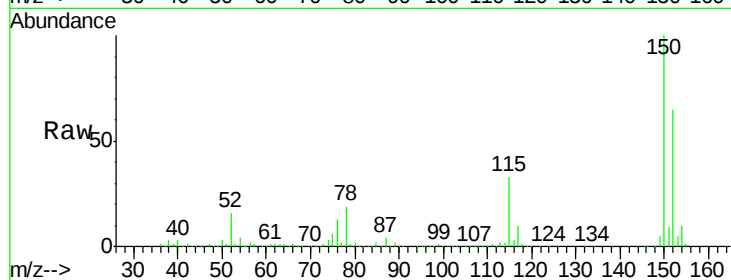
Acq: 10 Jul 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

PB110911ZHE#12



Tot Ion:152 Resp: 204160

Ion Ratio Lower Upper

152 100

115 53.0 40.1 120.2

150 155.8 0.0 347.2

