

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071118\
 Data File : VX003326.D
 Acq On : 11 Jul 2018 18:09
 Operator : JC/MD
 Sample : PB110983TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110983TB

Quant Time: Jul 12 04:34:09 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

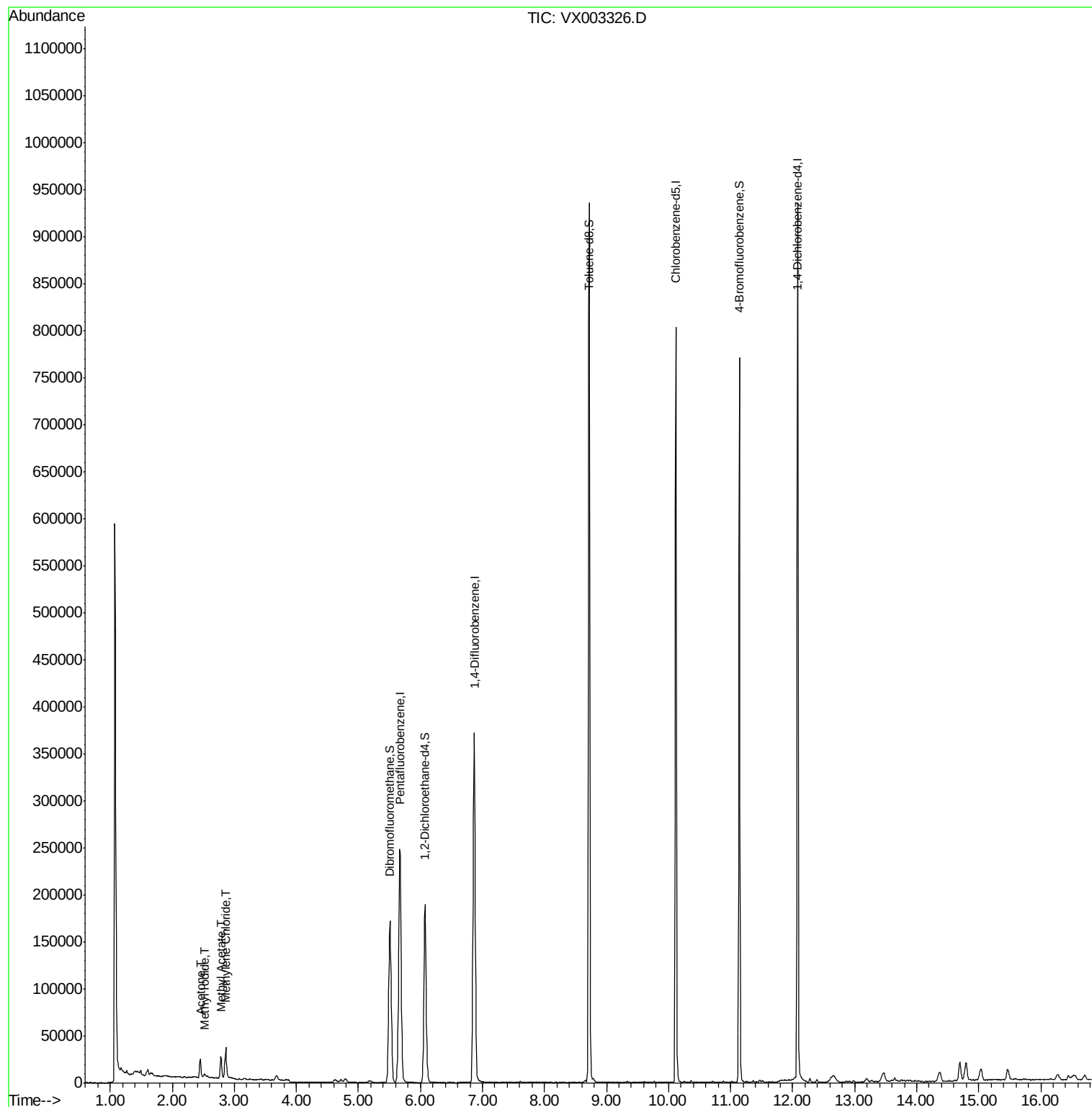
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	255039	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	381092	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	358429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	198396	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	172733	43.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.08%	
35) Dibromofluoromethane	5.51	113	145991	35.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.32%	
50) Toluene-d8	8.72	98	553189	38.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.08%	
62) 4-Bromofluorobenzene	11.14	95	190712	35.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.98%	
Target Compounds						
10) Methyl Iodide	2.52	142	4628	6.831	ug/l	97
16) Acetone	2.45	43	22693	15.925	ug/l	91
18) Methyl Acetate	2.78	43	27157	6.756	ug/l	94
20) Methylene Chloride	2.86	84	15851	4.790	ug/l	94

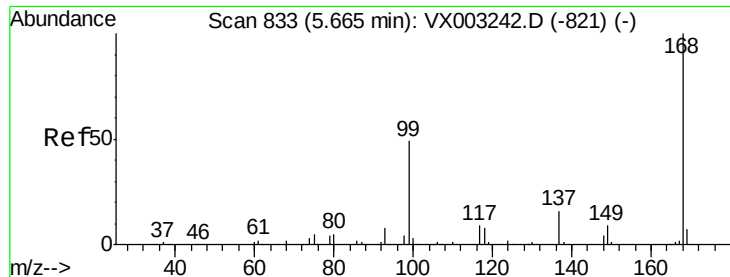
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003326.D

Acq: 11 Jul 2018 18:09

Instrument :

MSVOA_X

ClientSampleId :

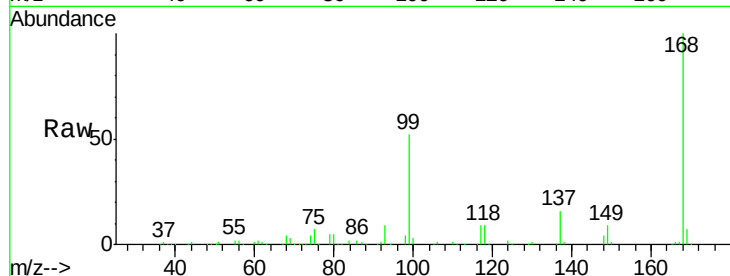
PB110983TB

Tot Ion:168 Resp: 255039

Ion Ratio Lower Upper

168 100

99 52.0 39.3 58.9

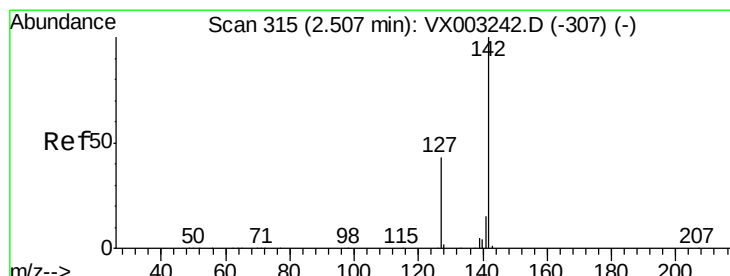
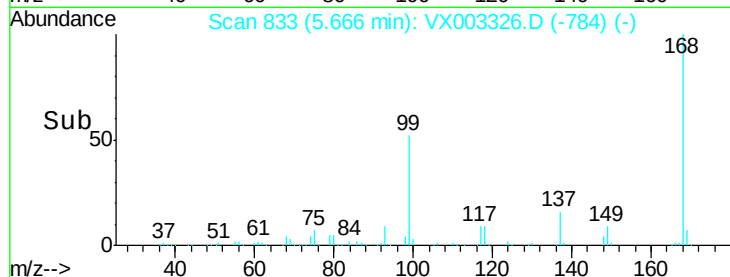


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

Time--> 5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 6.831 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX003326.D

Acq: 11 Jul 2018 18:09

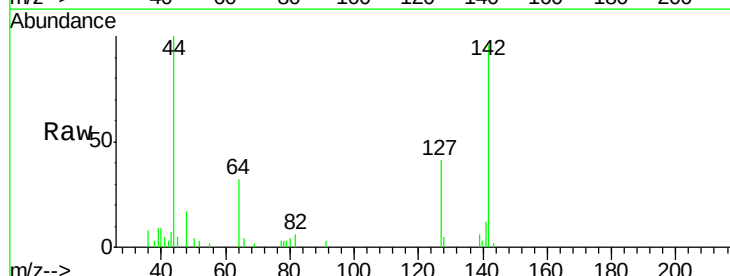
Tgt Ion:142 Resp: 4628

Ion Ratio Lower Upper

142 100

127 43.6 36.6 55.0

141 15.0 11.3 16.9



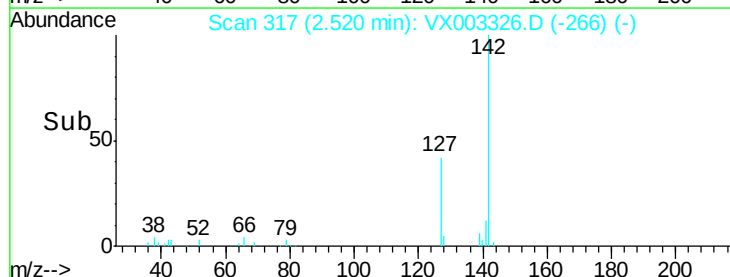
Abundance Ion 141.80 (141.50 to 142.50): V

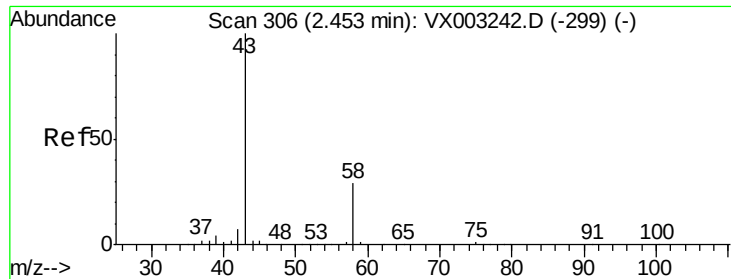
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

2.52

Time--> 2.45 2.50 2.55 2.60





#16

Acetone

Concen: 15.925 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003326.D

Acq: 11 Jul 2018 18:09

Instrument :

MSVOA_X

ClientSampled :

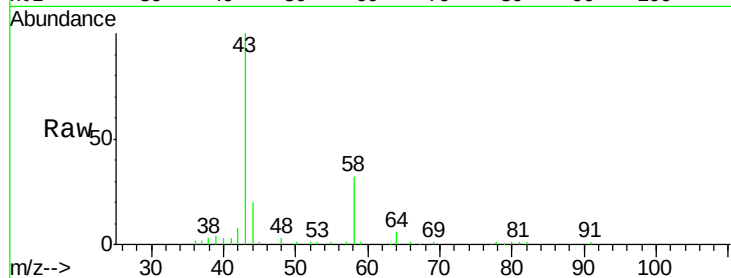
PB110983TB

Tot Ion: 43 Resp: 22693

Ion Ratio Lower Upper

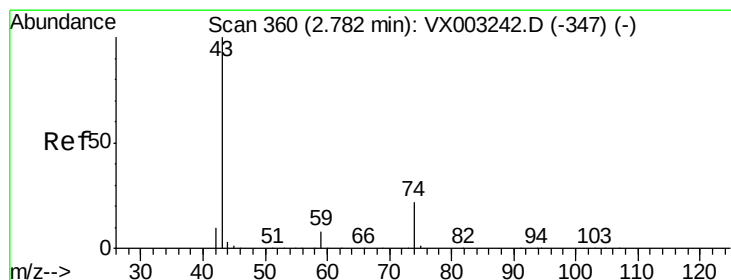
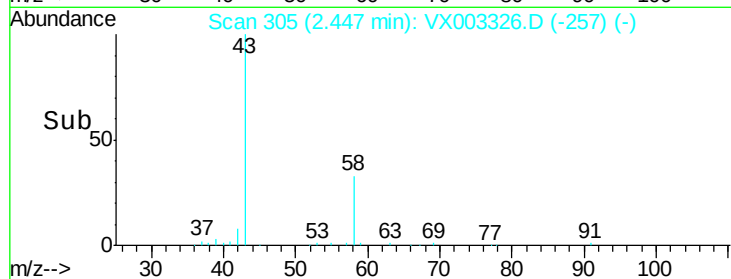
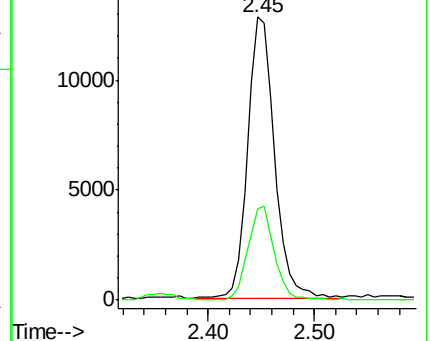
43 100

58 32.1 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: 6.756 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003326.D

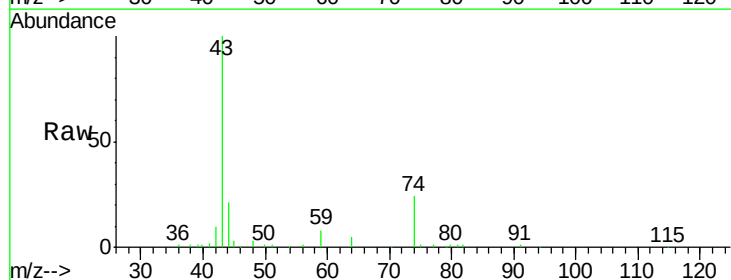
Acq: 11 Jul 2018 18:09

Tgt Ion: 43 Resp: 27157

Ion Ratio Lower Upper

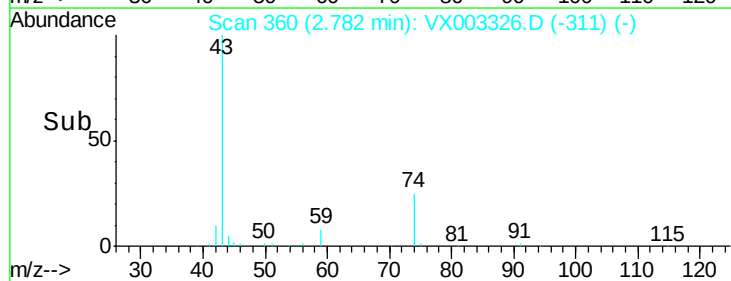
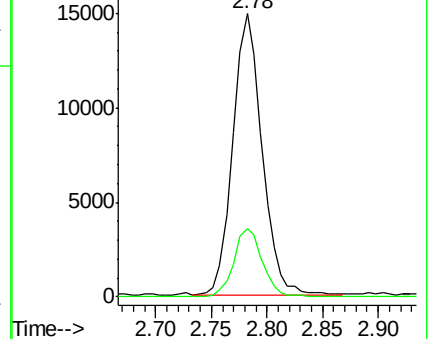
43 100

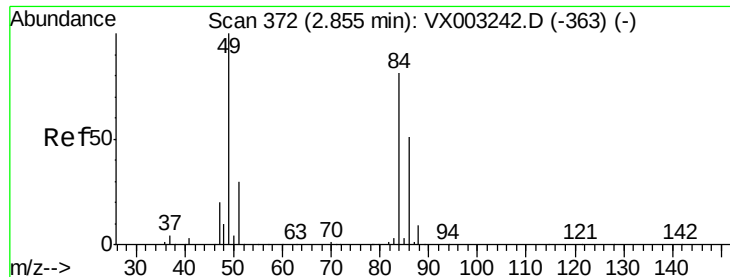
74 23.6 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

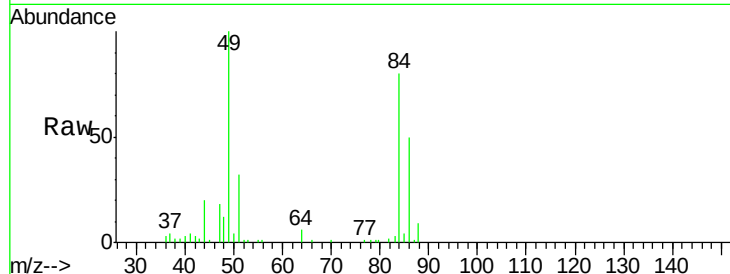




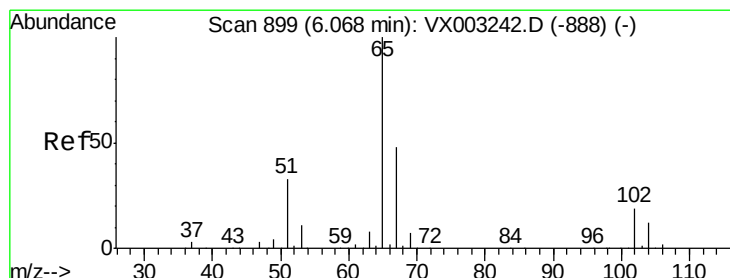
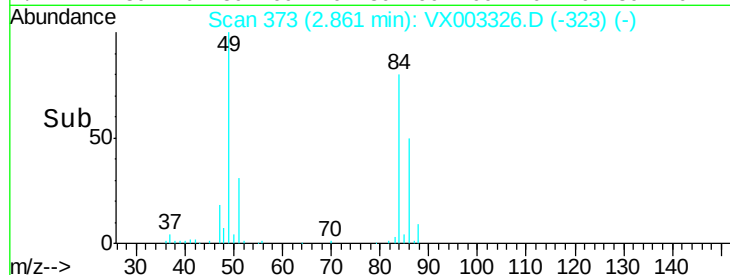
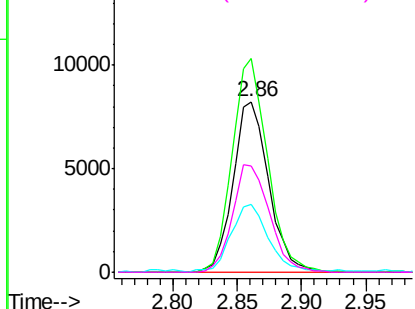
#20
Methylene Chloride
Concen: 4.790 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003326.D
Acq: 11 Jul 2018 18:09

Instrument :
MSVOA_X
ClientSampleId :
PB110983TB

Tot Ion: 84 Resp: 15851
Ion Ratio Lower Upper
84 100
49 125.5 107.8 161.6
51 39.5 32.8 49.2
86 62.8 52.5 78.7

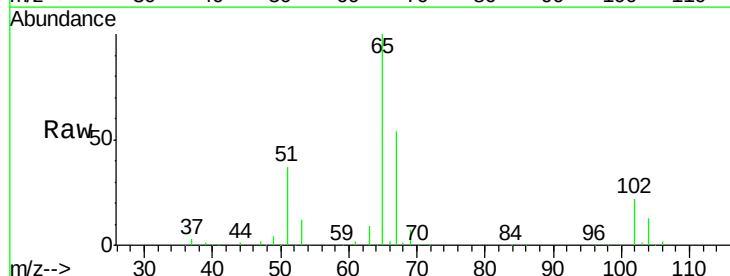


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

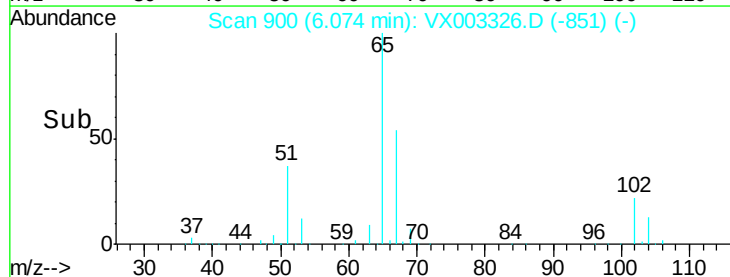
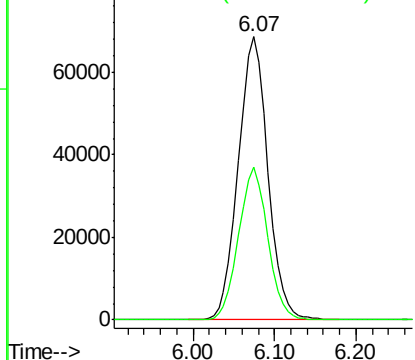


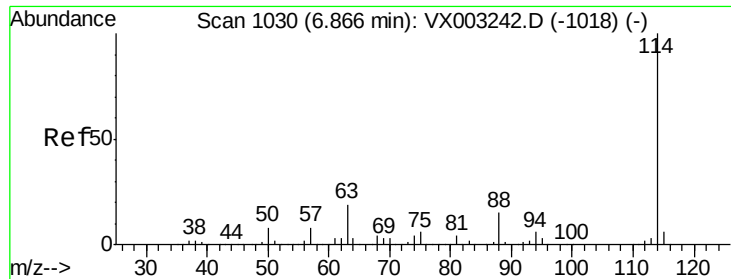
#33
1,2-Dichloroethane-d4
Concen: 43.035 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX003326.D
Acq: 11 Jul 2018 18:09

Tgt Ion: 65 Resp: 172733
Ion Ratio Lower Upper
65 100
67 53.2 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

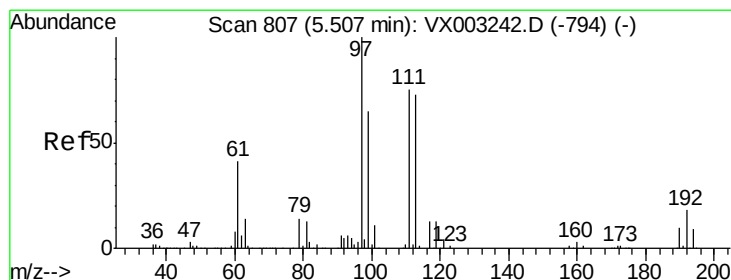
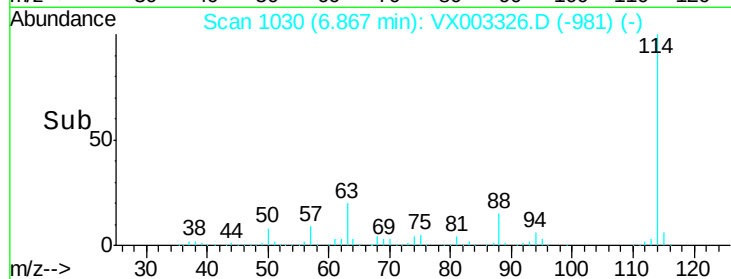
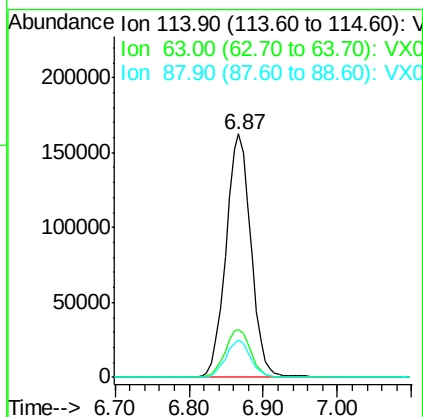
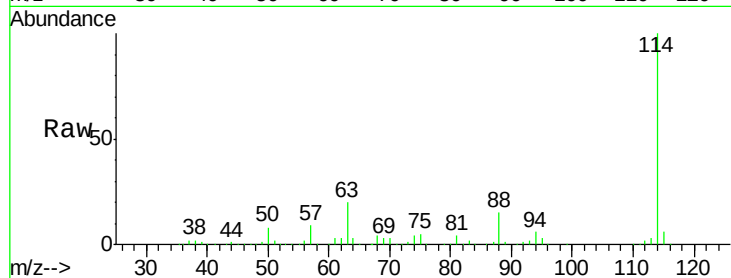




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX003326.D
Acq: 11 Jul 2018 18:09

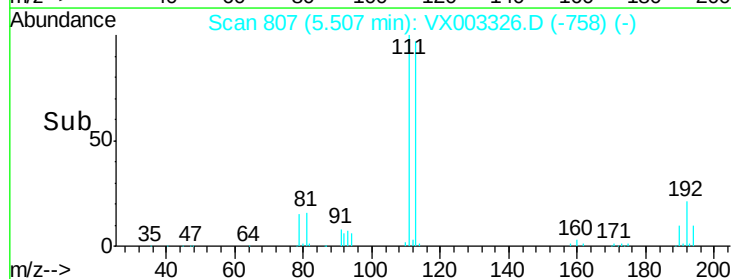
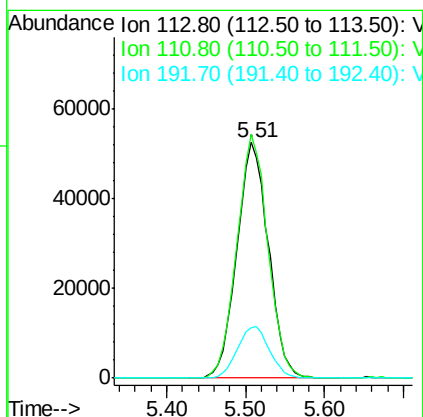
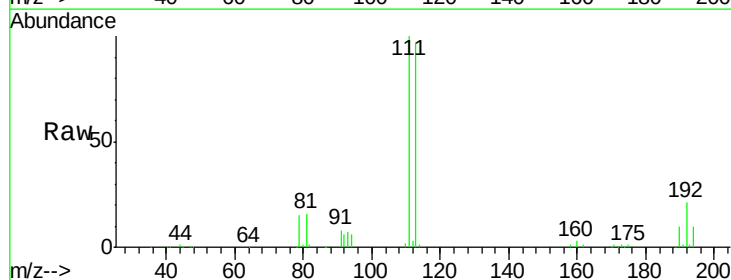
Instrument :
MSVOA_X
ClientSampleId :
PB110983TB

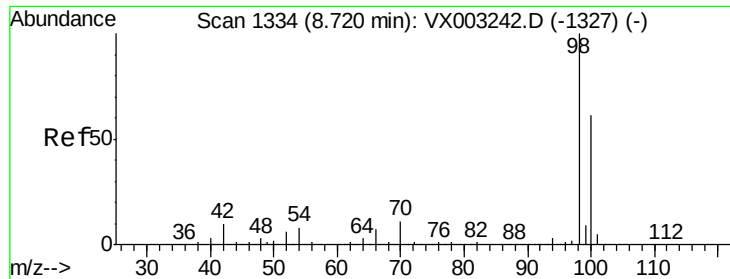
Tot Ion:114 Resp: 381092
Ion Ratio Lower Upper
114 100
63 19.8 0.0 41.4
88 15.3 0.0 30.0



#35
Dibromofluoromethane
Concen: 35.658 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003326.D
Acq: 11 Jul 2018 18:09

Tgt Ion:113 Resp: 145991
Ion Ratio Lower Upper
113 100
111 101.9 81.4 122.0
192 22.3 19.1 28.7





#50

Toluene-d8

Concen: 38.039 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003326.D

Acq: 11 Jul 2018 18:09

Instrument :

MSVOA_X

ClientSampled :

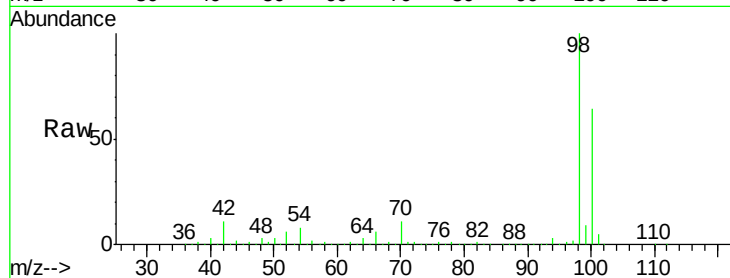
PB110983TB

Tot Ion: 98 Resp: 553189

Ion Ratio Lower Upper

98 100

100 63.4 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

400000

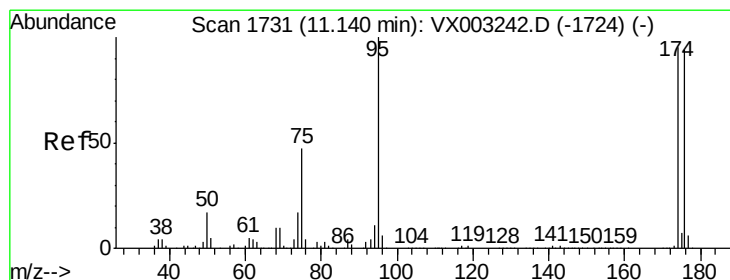
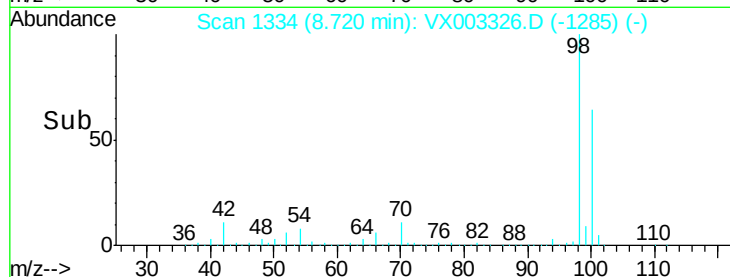
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 35.491 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003326.D

Acq: 11 Jul 2018 18:09

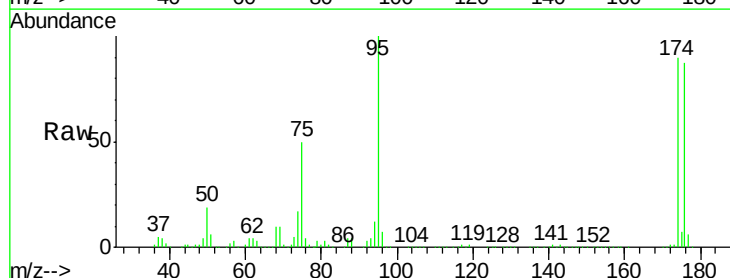
Tgt Ion: 95 Resp: 190712

Ion Ratio Lower Upper

95 100

174 92.6 0.0 187.4

176 89.0 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

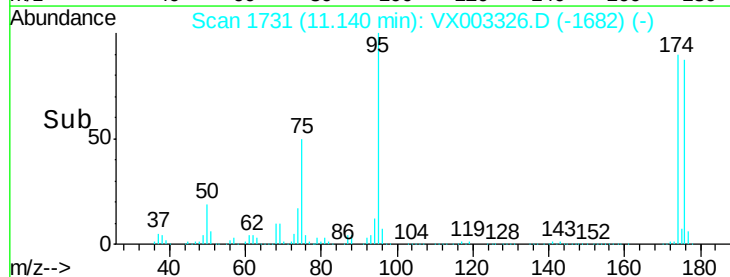
150000

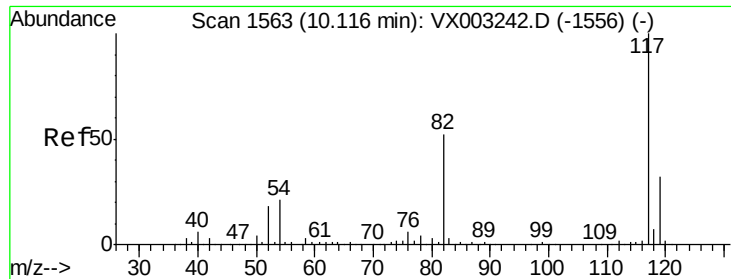
100000

50000

0

Time-->

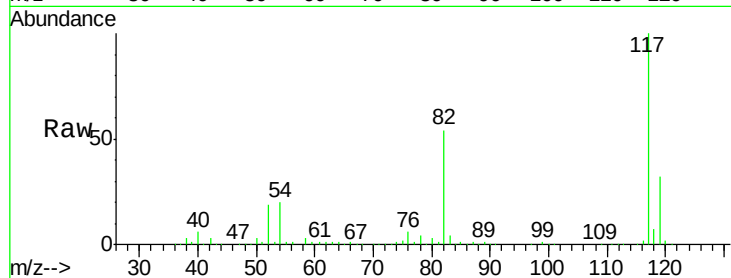




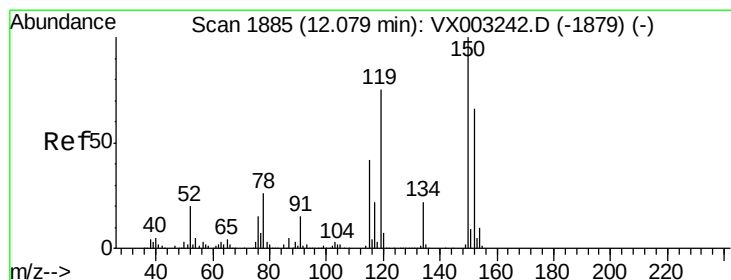
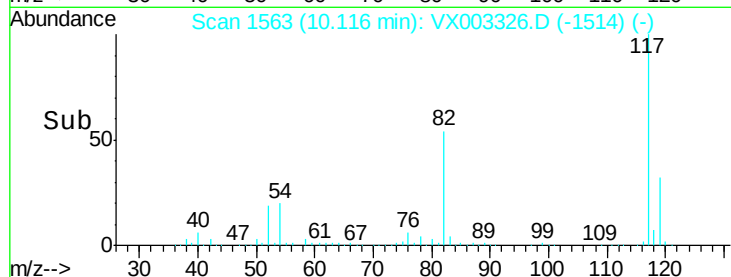
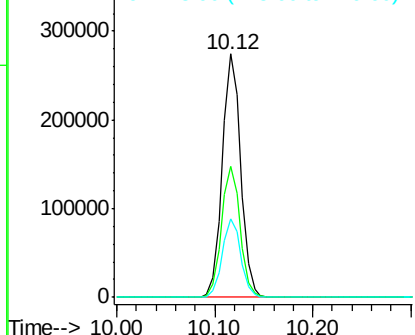
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: VX003326.D
 Acq: 11 Jul 2018 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110983TB

Tot Ion:117 Resp: 358429
 Ion Ratio Lower Upper
 117 100
 82 53.8 45.0 67.4
 119 32.1 25.8 38.6

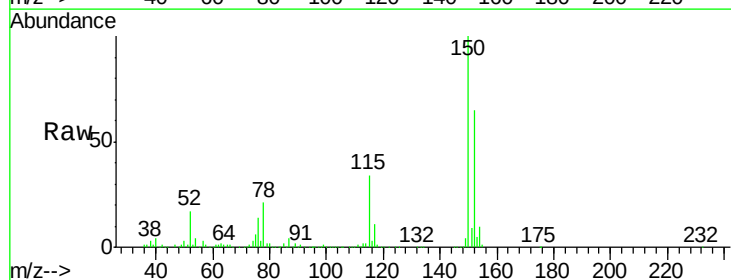


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): VX0
 Ion 118.90 (118.60 to 119.60): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. 0.01 min
 Lab File: VX003326.D
 Acq: 11 Jul 2018 18:09

Tgt Ion:152 Resp: 198396
 Ion Ratio Lower Upper
 152 100
 115 55.4 40.1 120.2
 150 155.9 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

