

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071118\
 Data File : VX003334.D
 Acq On : 11 Jul 2018 21:42
 Operator : JC/MD
 Sample : PB110983ZHE#08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110983ZHE#08

Quant Time: Jul 12 04:36:32 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

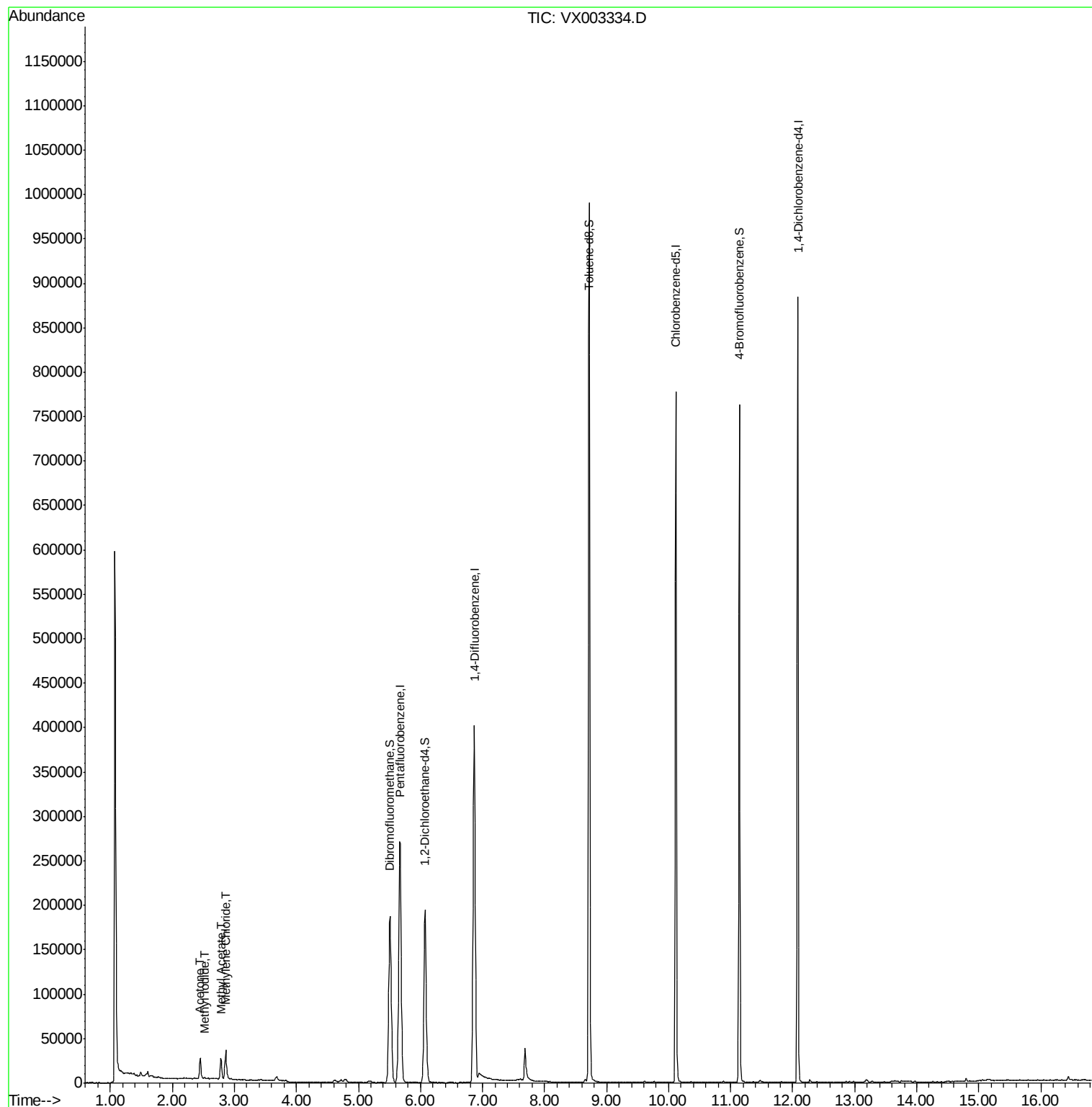
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	282580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	426266	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	353750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	191753	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	181979	40.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.84%	
35) Dibromofluoromethane	5.51	113	159233	34.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.54%	
50) Toluene-d8	8.72	98	596514	36.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.34%	
62) 4-Bromofluorobenzene	11.14	95	188559	31.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.74%	
Target Compounds						
10) Methyl Iodide	2.53	142	1596	6.018	ug/l #	95
16) Acetone	2.45	43	25049	15.865	ug/l #	86
18) Methyl Acetate	2.78	43	28990	6.509	ug/l	96
20) Methylene Chloride	2.86	84	15469	4.133	ug/l	94

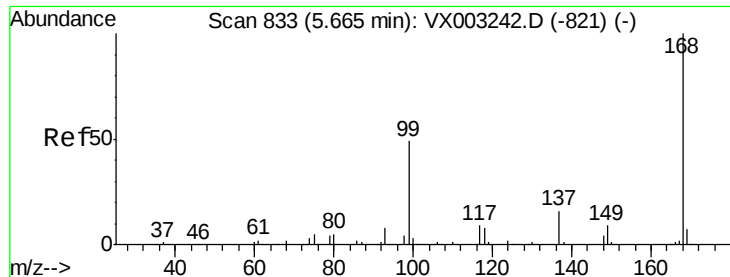
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003334.D

Acq: 11 Jul 2018 21:42

Instrument :

MSVOA_X

ClientSampleId :

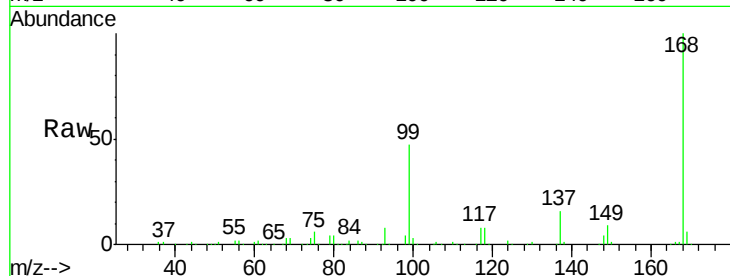
PB110983ZHE#08

Tot Ion:168 Resp: 282580

Ion Ratio Lower Upper

168 100

99 47.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

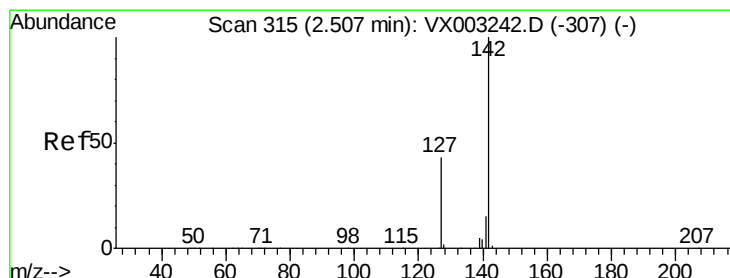
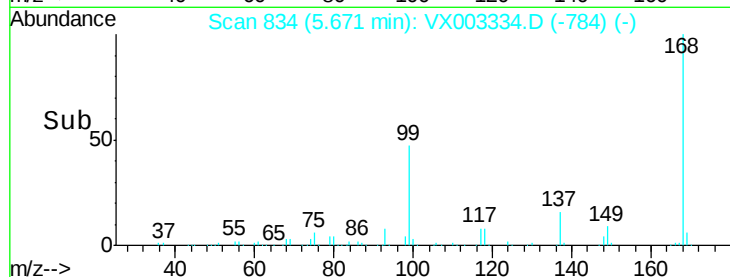
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 6.018 ug/l

RT: 2.53 min Scan# 318

Delta R.T. 0.02 min

Lab File: VX003334.D

Acq: 11 Jul 2018 21:42

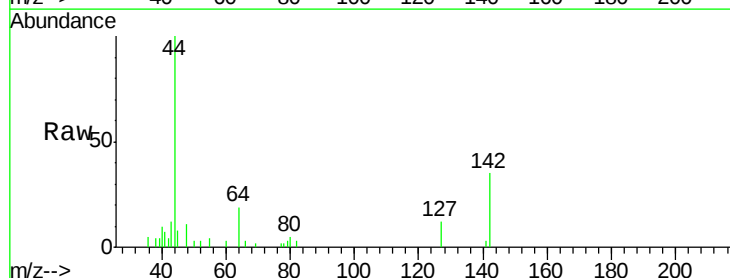
Tgt Ion:142 Resp: 1596

Ion Ratio Lower Upper

142 100

127 43.3 36.6 55.0

141 10.5 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

1000

800

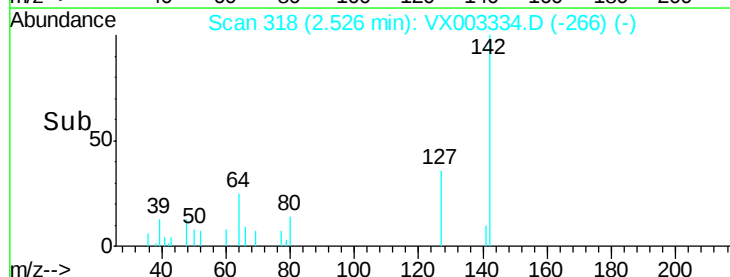
600

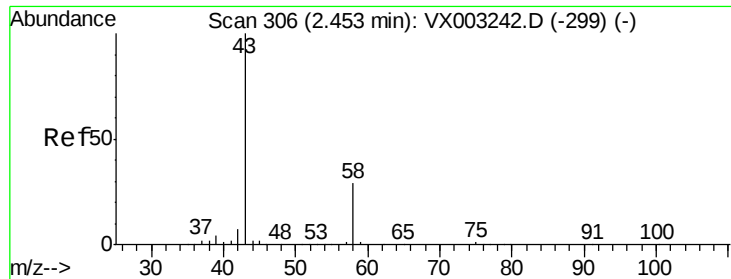
400

200

0

Time--> 2.45 2.50 2.55 2.60





#16

Acetone

Concen: 15.865 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX003334.D

Acq: 11 Jul 2018 21:42

Instrument :

MSVOA_X

ClientSampleId :

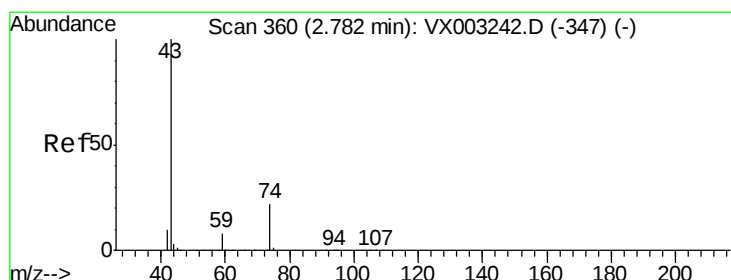
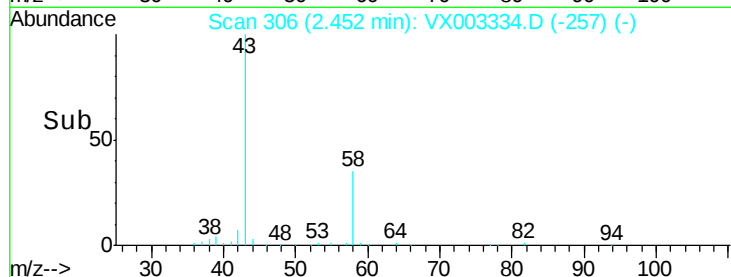
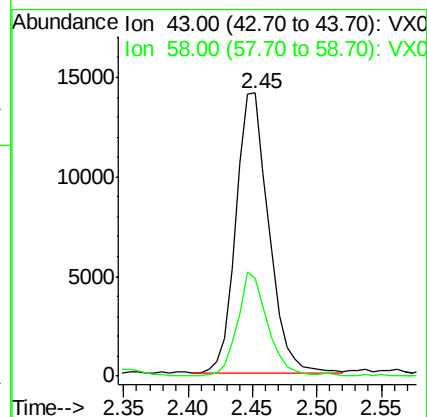
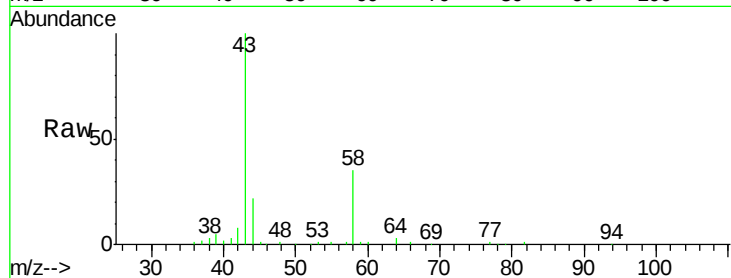
PB110983ZHE#08

Tot Ion: 43 Resp: 25049

Ion Ratio Lower Upper

43 100

58 35.1 22.1 33.1#



#18

Methyl Acetate

Concen: 6.509 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX003334.D

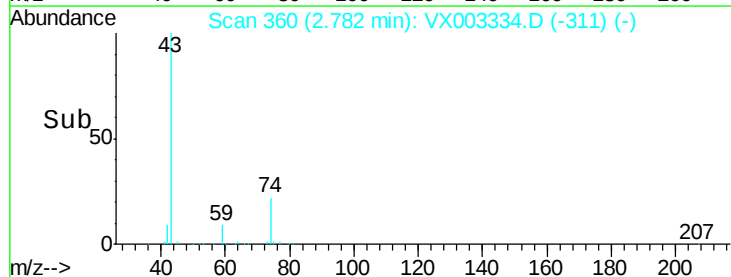
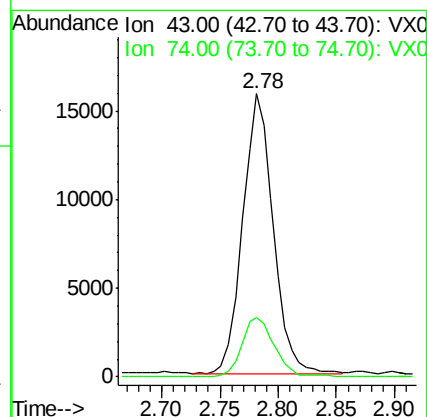
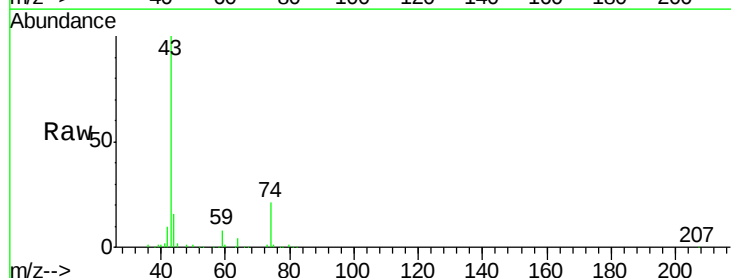
Acq: 11 Jul 2018 21:42

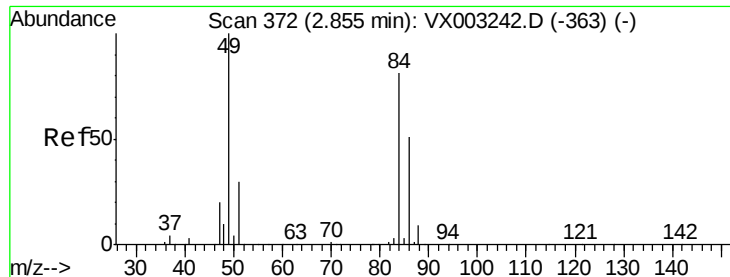
Tgt Ion: 43 Resp: 28990

Ion Ratio Lower Upper

43 100

74 22.6 16.7 25.1

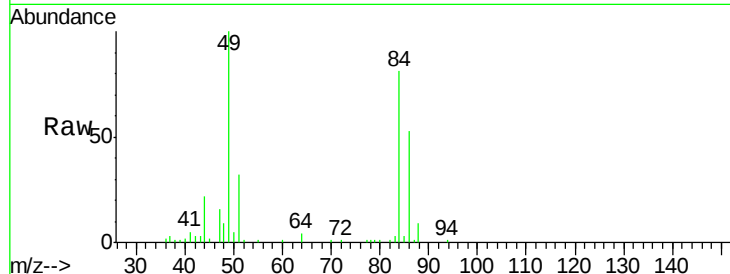




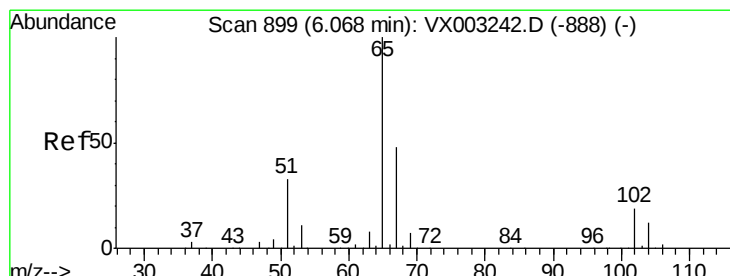
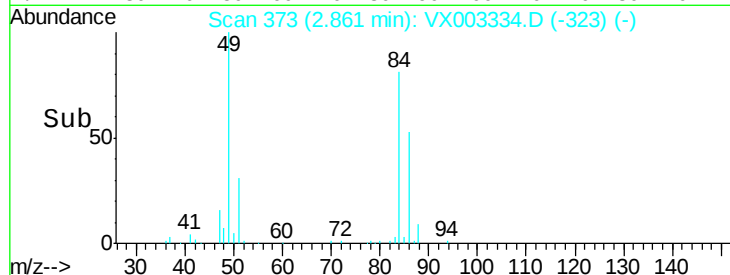
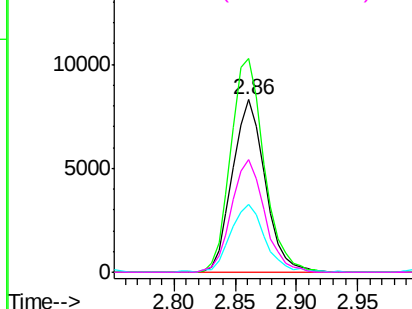
#20
Methvlene Chloride
Concen: 4.133 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003334.D
Acq: 11 Jul 2018 21:42

Instrument :
MSVOA_X
ClientSampleId :
PB110983ZHE#08

Tot Ion: 84 Resp: 15469
Ion Ratio Lower Upper
84 100
49 123.7 107.8 161.6
51 38.6 32.8 49.2
86 65.5 52.5 78.7

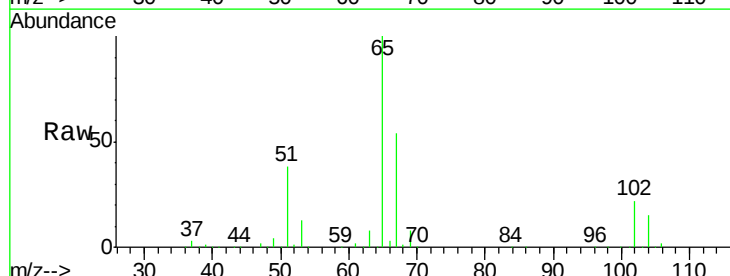


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

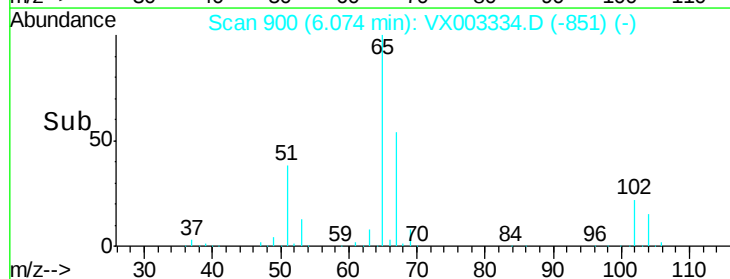
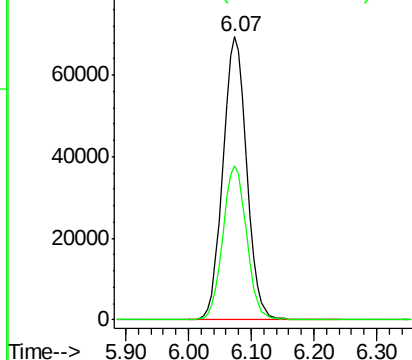


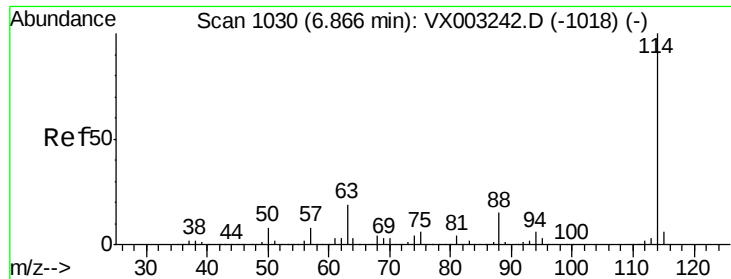
#33
1,2-Dichloroethane-d4
Concen: 40.920 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX003334.D
Acq: 11 Jul 2018 21:42

Tgt Ion: 65 Resp: 181979
Ion Ratio Lower Upper
65 100
67 54.4 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: VX003334.D

Acq: 11 Jul 2018 21:42

Instrument :

MSVOA_X

ClientSampleId :

PB110983ZHE#08

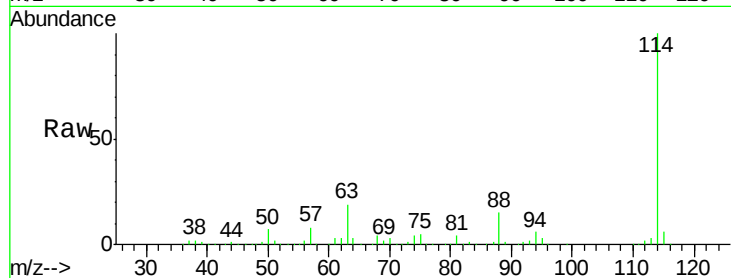
Tot Ion:114 Resp: 426266

Ion Ratio Lower Upper

114 100

63 19.1 0.0 41.4

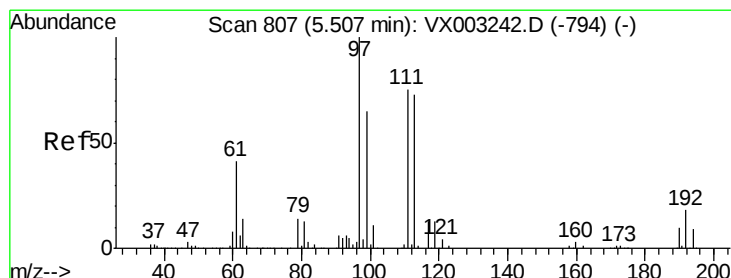
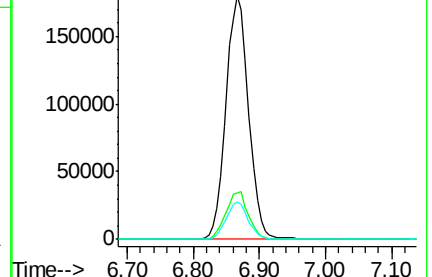
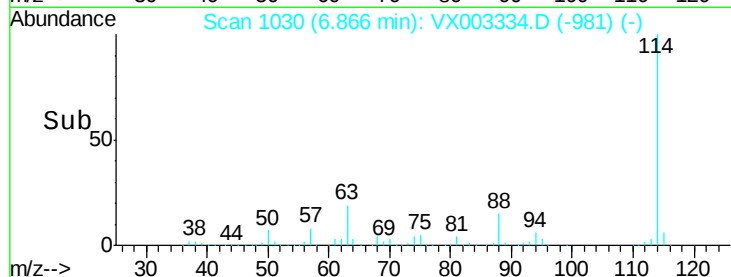
88 15.4 0.0 30.0



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: 34.771 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003334.D

Acq: 11 Jul 2018 21:42

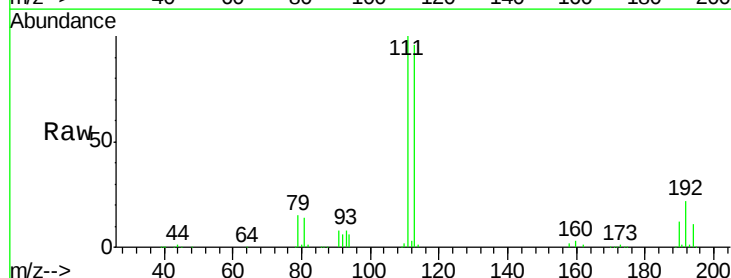
Tgt Ion:113 Resp: 159233

Ion Ratio Lower Upper

113 100

111 105.2 81.4 122.0

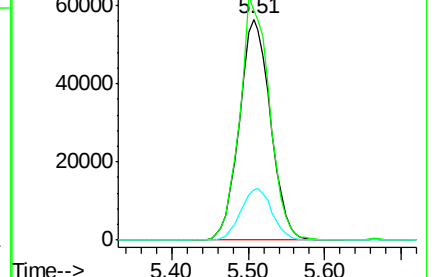
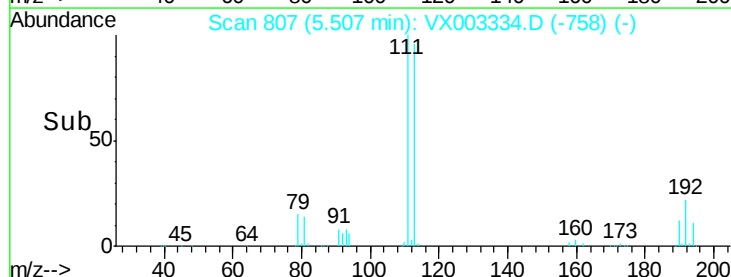
192 23.5 19.1 28.7

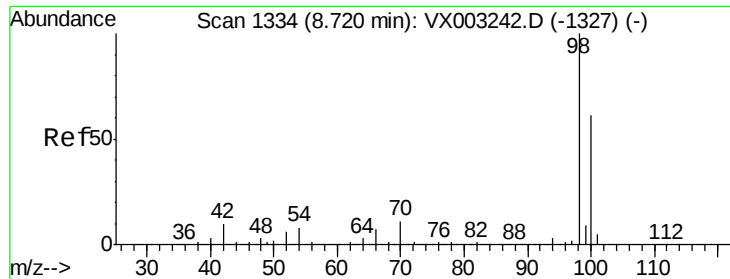


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 36.672 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX003334.D

Acq: 11 Jul 2018 21:42

Instrument :

MSVOA_X

ClientSampleId :

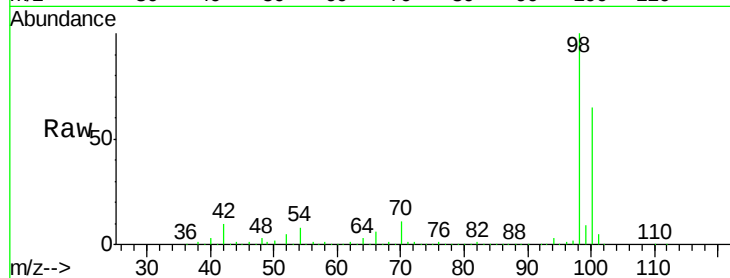
PB110983ZHE#08

Tot Ion: 98 Resp: 596514

Ion Ratio Lower Upper

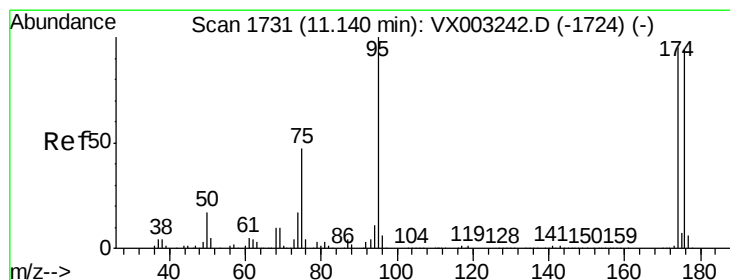
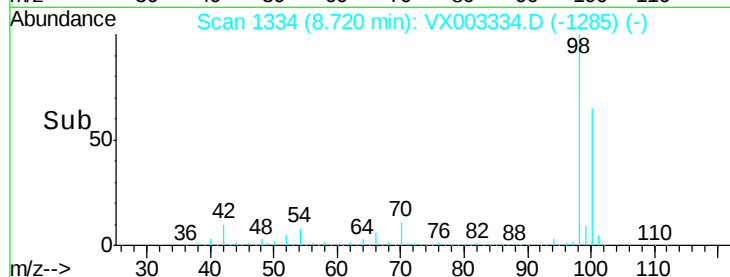
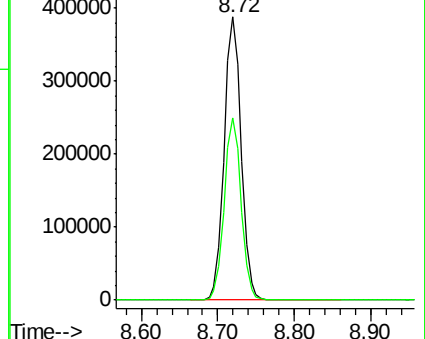
98 100

100 63.7 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 31.371 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003334.D

Acq: 11 Jul 2018 21:42

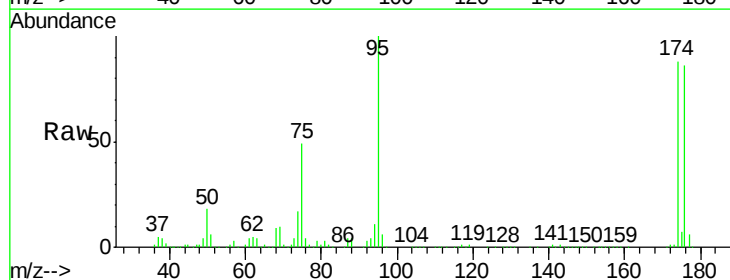
Tgt Ion: 95 Resp: 188559

Ion Ratio Lower Upper

95 100

174 92.6 0.0 187.4

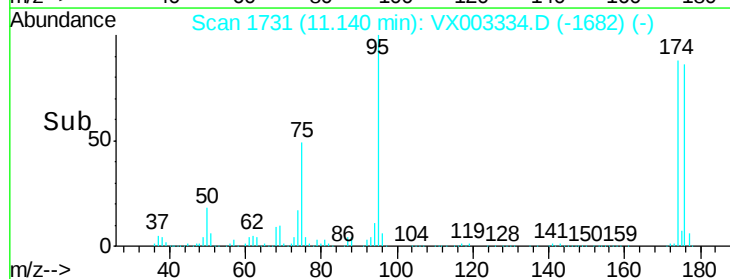
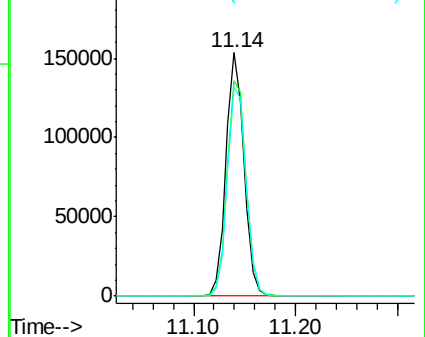
176 89.7 0.0 181.0

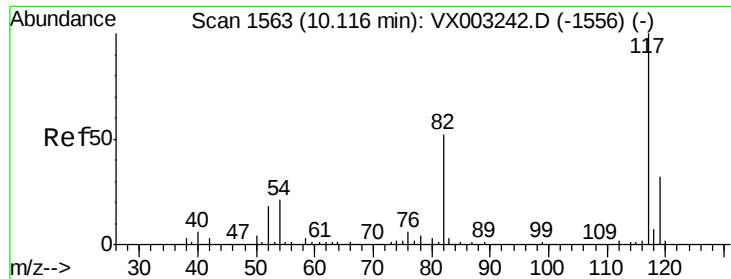


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

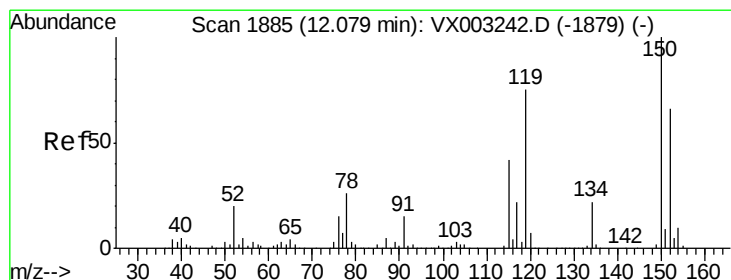
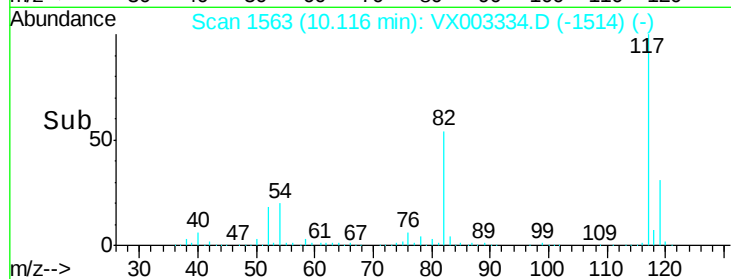
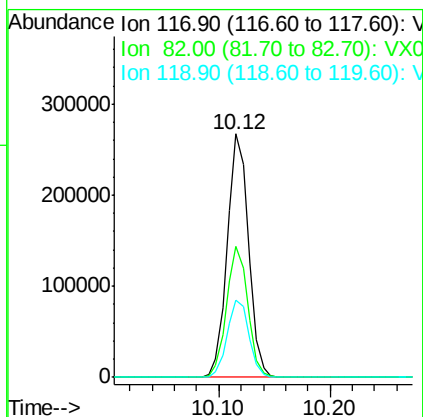
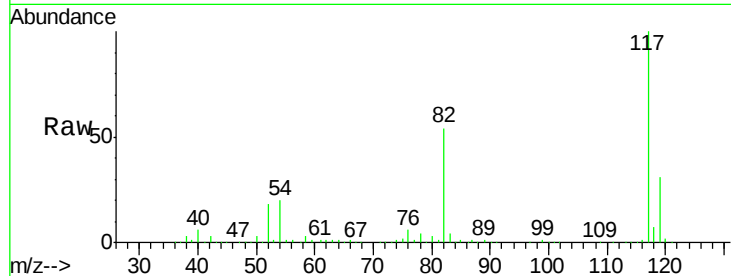




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003334.D
Acq: 11 Jul 2018 21:42

Instrument :
MSVOA_X
ClientSampleId :
PB110983ZHE#08

Tot Ion:117 Resp: 353750
Ion Ratio Lower Upper
117 100
82 53.6 45.0 67.4
119 31.5 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. 0.01 min
Lab File: VX003334.D
Acq: 11 Jul 2018 21:42

Tgt Ion:152 Resp: 191753
Ion Ratio Lower Upper
152 100
115 55.0 40.1 120.2
150 155.4 0.0 347.2

