

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040218\
 Data File : VX000641.D
 Acq On : 02 Apr 2018 15:18
 Operator : JC/MD
 Sample : PB107871TB 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB107871TB 5X

Quant Time: Apr 03 02:41:01 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	124403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	203083	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	206325	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	111814	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	81021	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
35) Dibromofluoromethane	5.51	113	62372	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
50) Toluene-d8	8.73	98	260930	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
62) 4-Bromofluorobenzene	11.15	95	92614	42.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.84%	

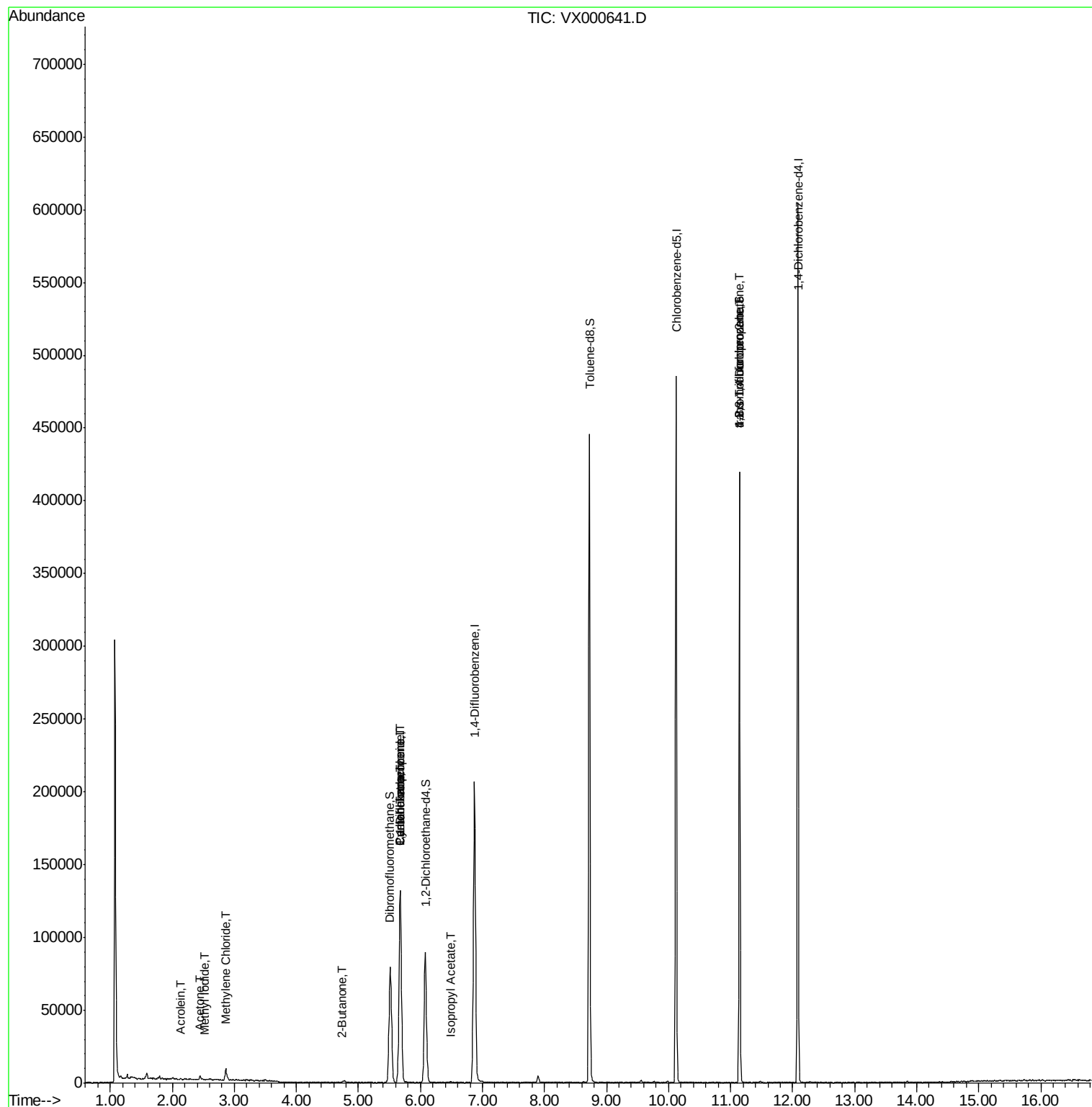
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.73	64	71	Below Cal	#	44
10) Methyl Iodide	2.53	142	23	4.29	ug/l #	37
13) Acrolein	2.14	56	39	14.78	ug/l #	13
16) Acetone	2.45	43	2759	2.04	ug/l	98
20) Methylene Chloride	2.86	84	3124	2.00	ug/l #	89
25) 2-Butanone	4.73	43	335	0.22	ug/l #	49
31) Cyclohexane	5.68	56	3182	1.55	ug/l #	43
36) 1,1-Dichloropropene	5.68	75	9617	5.06	ug/l #	49
38) Carbon Tetrachloride	5.68	117	12198	6.11	ug/l #	18
43) Isopropyl Acetate	6.48	43	918	0.24	ug/l #	71
74) N-amyl acetate	6.48	43	918	Below Cal	#	75
76) 1,2,3-Trichloropropane	11.15	75	53767	22.37	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.15	75	53767	72.44	ug/l #	9

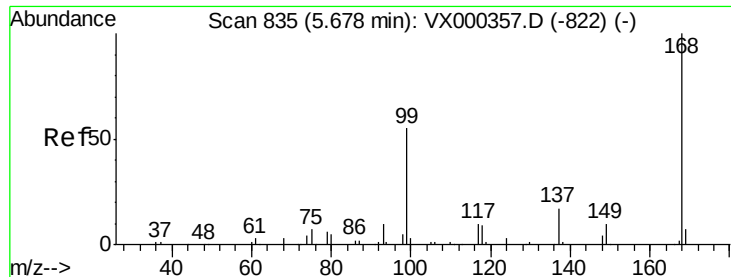
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000641.D

Acq: 02 Apr 2018 15:18

Instrument :

MSVOA_X

ClientSampleId :

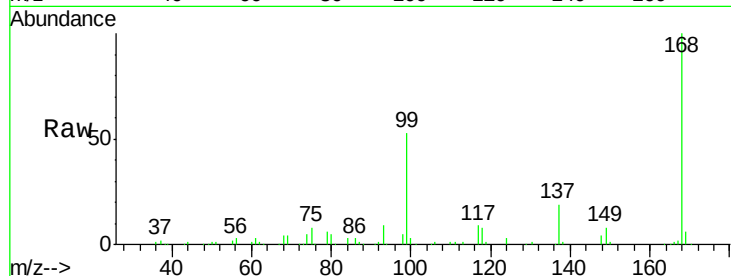
PB107871TB 5X

Tgt Ion:168 Resp: 124403

Ion Ratio Lower Upper

168 100

99 53.1 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

40000

30000

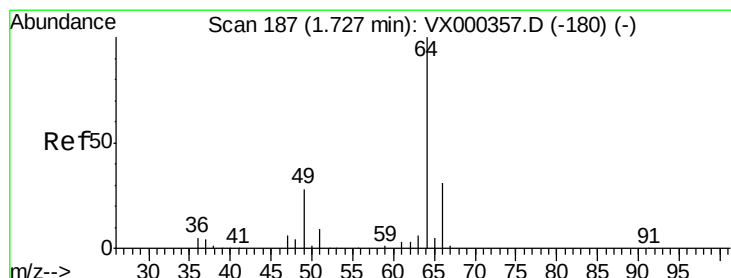
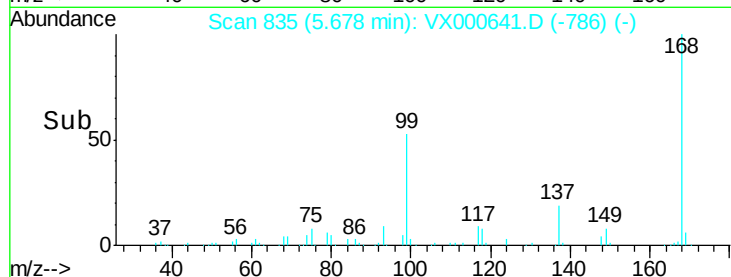
20000

10000

0

Time-->

5.60 5.70 5.80



#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000641.D

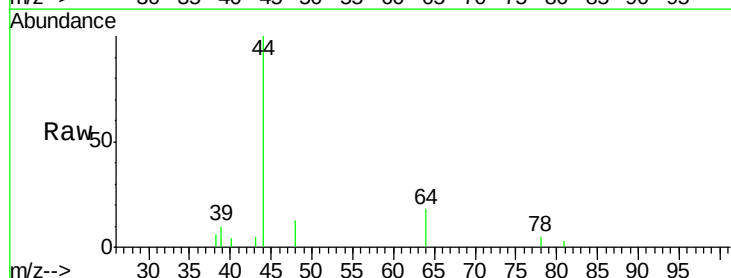
Acq: 02 Apr 2018 15:18

Tgt Ion: 64 Resp: 71

Ion Ratio Lower Upper

64 100

66 0.0 24.8 37.2#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

400

300

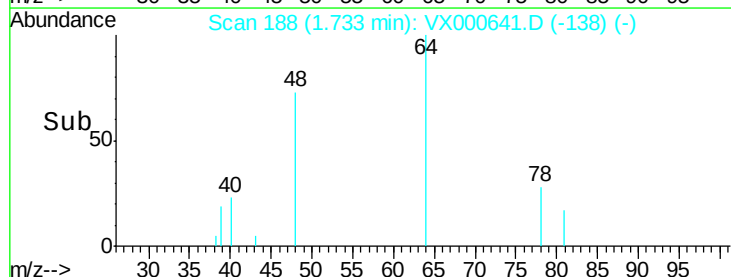
200

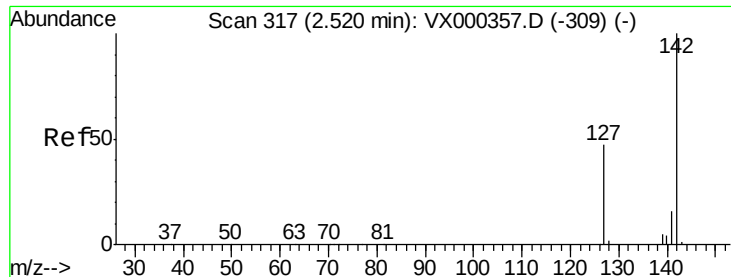
100

0

Time-->

1.72 1.73 1.74

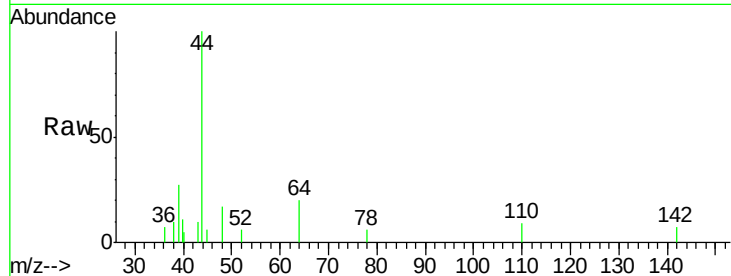




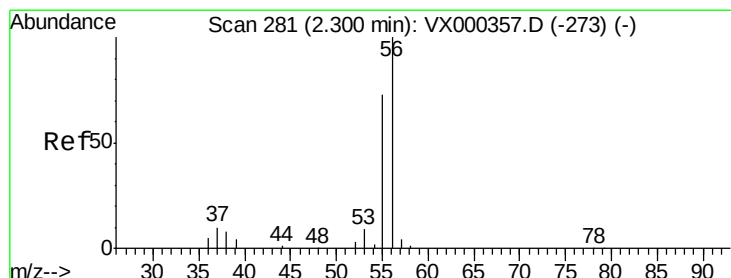
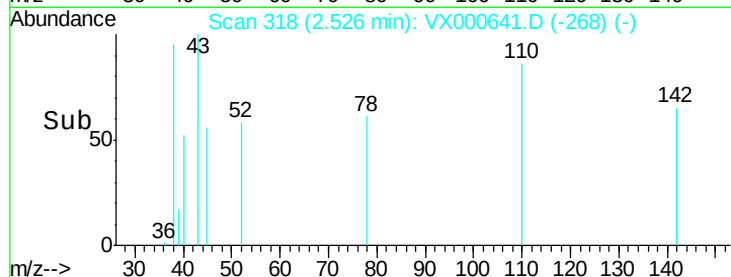
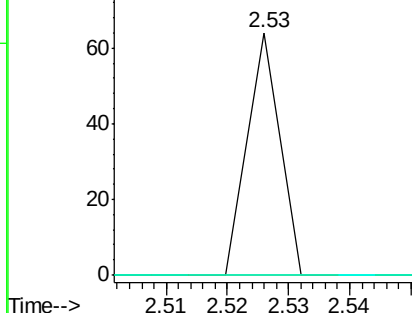
#10
Methyl Iodide
Concen: 4.29 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX000641.D
Acq: 02 Apr 2018 15:18

Instrument :
MSVOA_X
ClientSampleId :
PB107871TB 5X

Tgt Ion: 142 Resp: 23
Ion Ratio Lower Upper
142 100
127 0.0 39.2 58.8#
141 0.0 11.7 17.5#

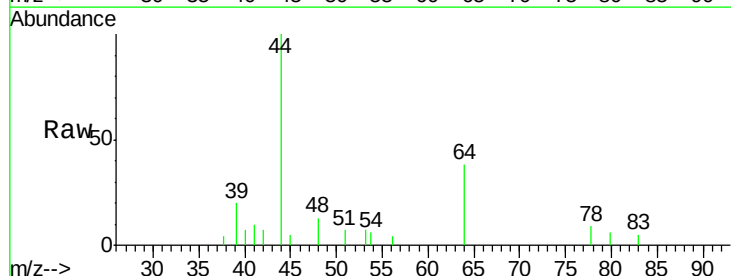


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

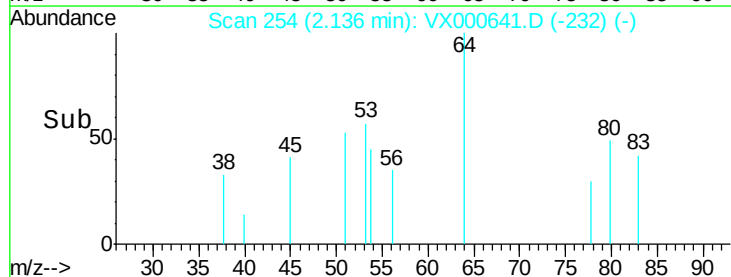
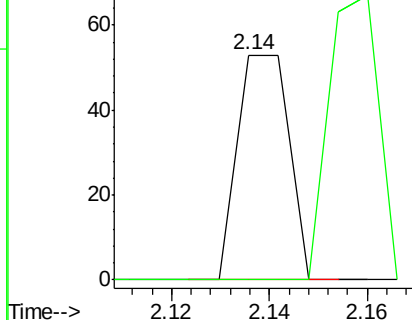


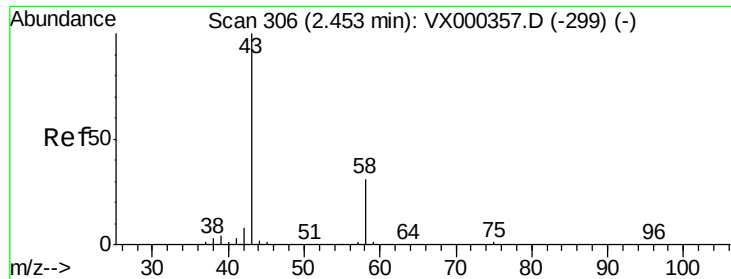
#13
Acrolein
Concen: 14.78 ug/l
RT: 2.14 min Scan# 254
Delta R.T. -0.16 min
Lab File: VX000641.D
Acq: 02 Apr 2018 15:18

Tgt Ion: 56 Resp: 39
Ion Ratio Lower Upper
56 100
55 0.0 58.8 88.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 2.04 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000641.D

Acq: 02 Apr 2018 15:18

Instrument :

MSVOA_X

ClientSampled :

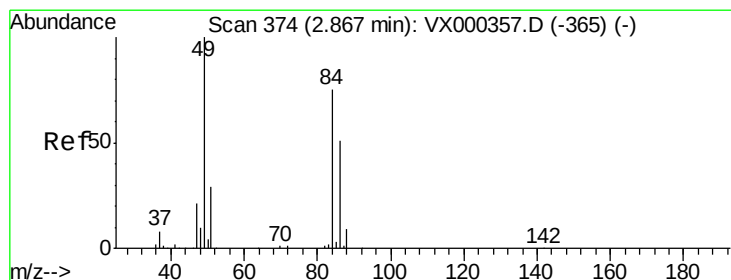
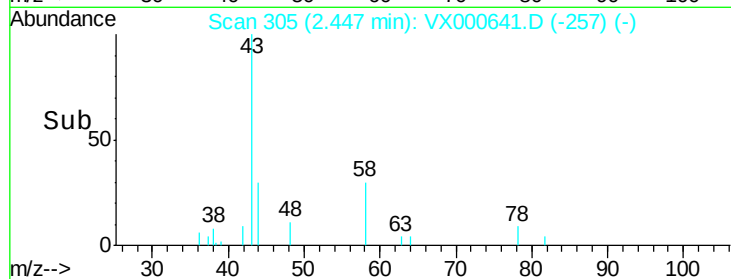
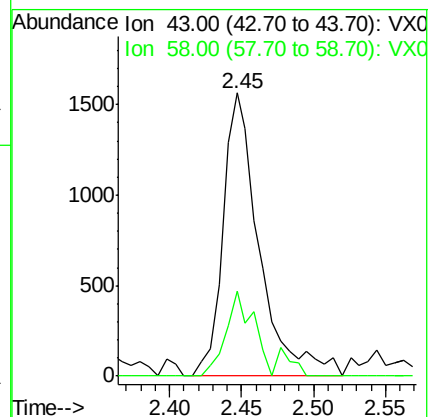
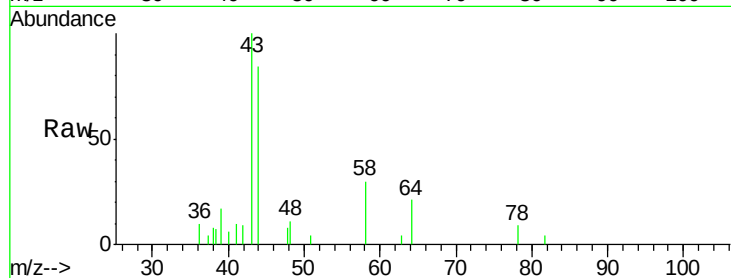
PB107871TB 5X

Tgt Ion: 43 Resp: 2759

Ion Ratio Lower Upper

43 100

58 30.0 24.7 37.1



#20

Methylene Chloride

Concen: 2.00 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.01 min

Lab File: VX000641.D

Acq: 02 Apr 2018 15:18

Tgt Ion: 84 Resp: 3124

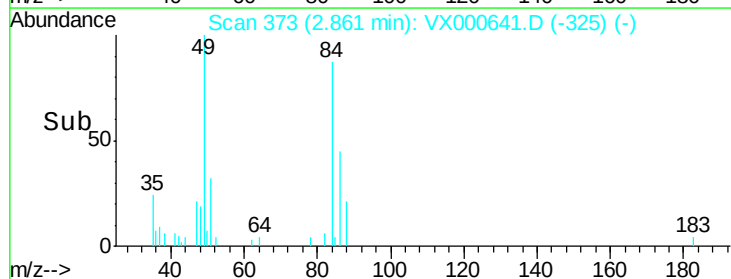
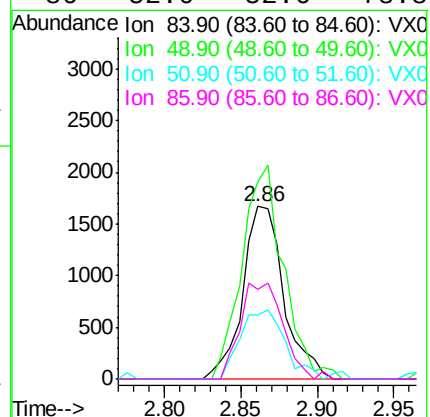
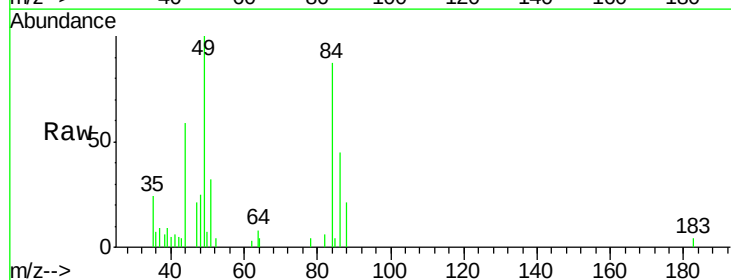
Ion Ratio Lower Upper

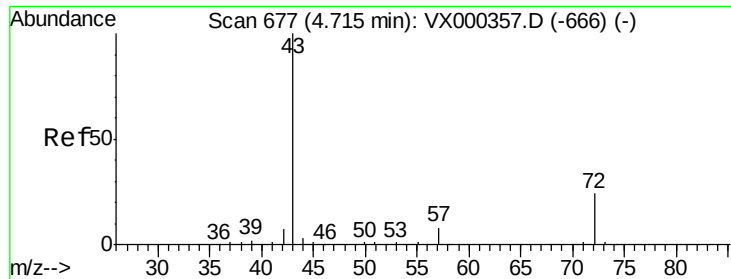
84 100

49 114.4 100.6 151.0

51 37.1 31.6 47.4

86 52.0 52.6 78.8#





#25

2-Butanone

Concen: 0.22 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.01 min

Lab File: VX000641.D

Acq: 02 Apr 2018 15:18

Instrument :

MSVOA_X

ClientSampleId :

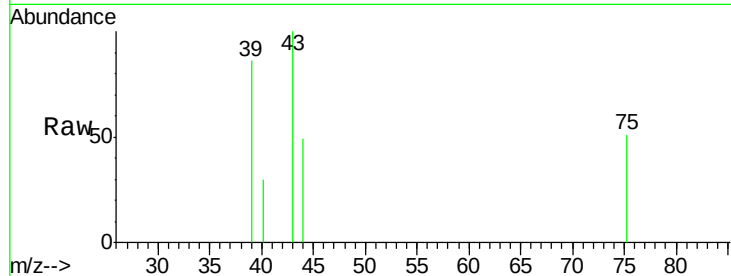
PB107871TB 5X

Tgt Ion: 43 Resp: 335

Ion Ratio Lower Upper

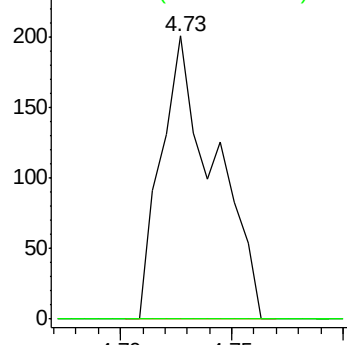
43 100

72 0.0 21.0 31.6#

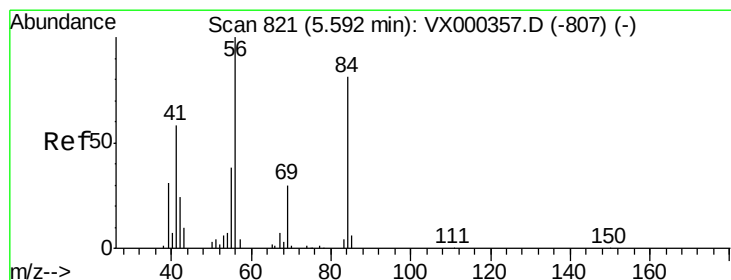
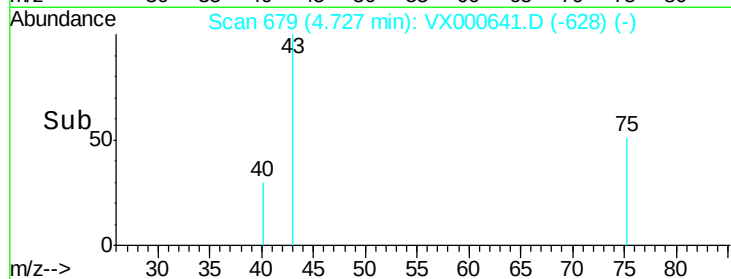


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#31

Cyclohexane

Concen: 1.55 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.09 min

Lab File: VX000641.D

Acq: 02 Apr 2018 15:18

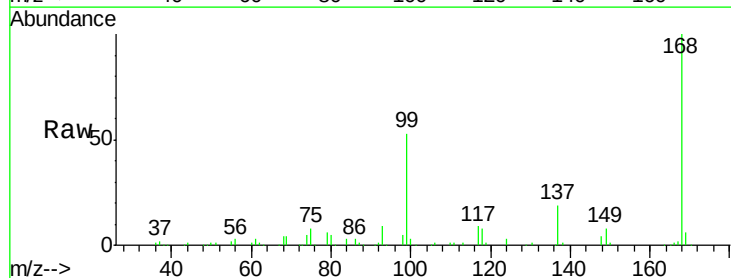
Tgt Ion: 56 Resp: 3182

Ion Ratio Lower Upper

56 100

69 133.9 23.4 35.0#

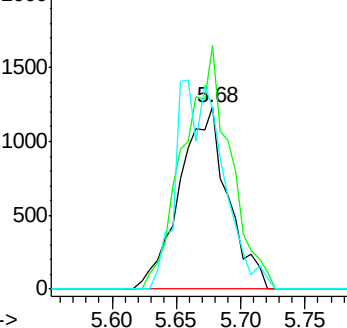
84 99.8 71.0 106.4



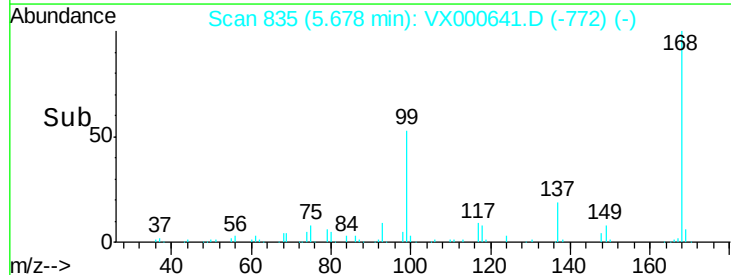
Abundance Ion 56.00 (55.70 to 56.70): VX0

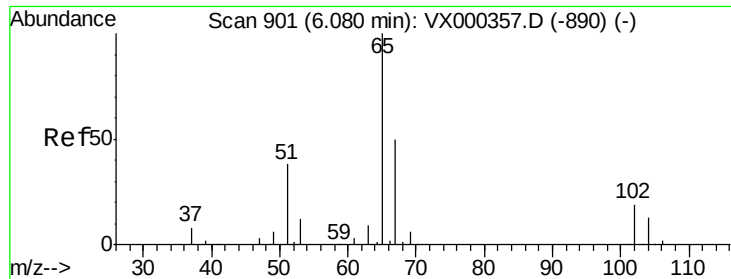
Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



Time-->

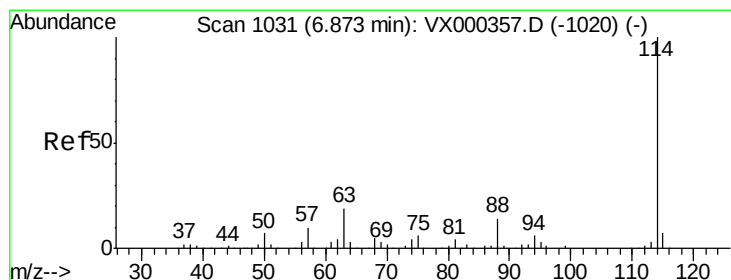
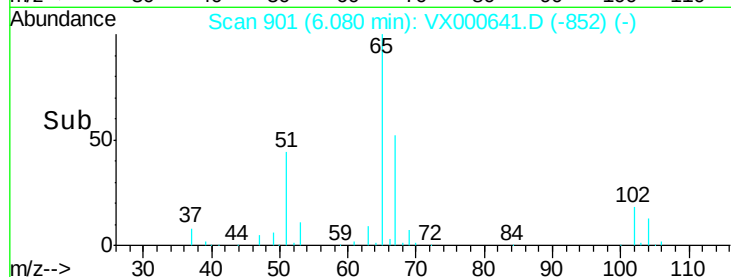
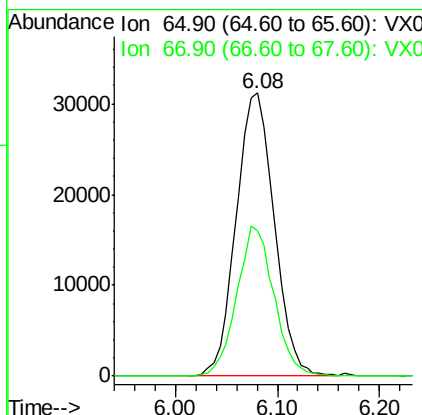
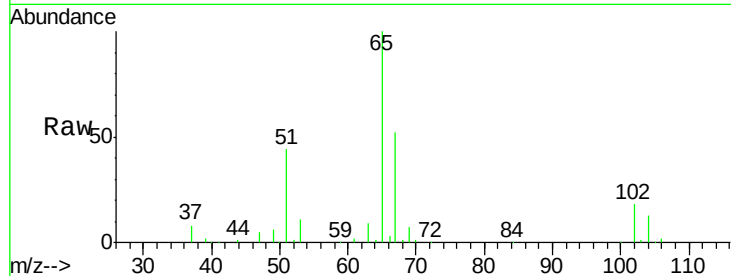




#33
 1,2-Dichloroethane-d4
 Concen: 49.89 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000641.D
 Acq: 02 Apr 2018 15:18

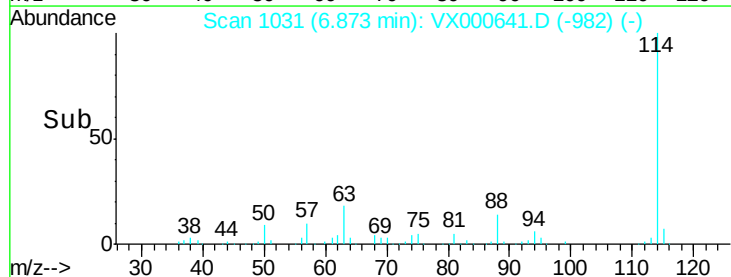
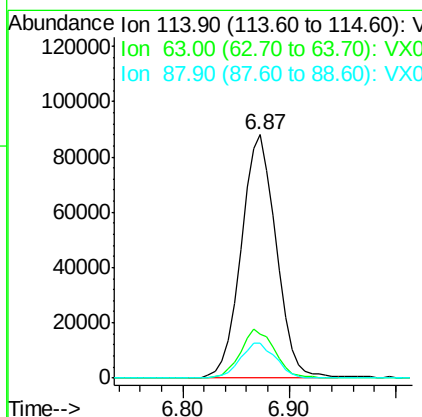
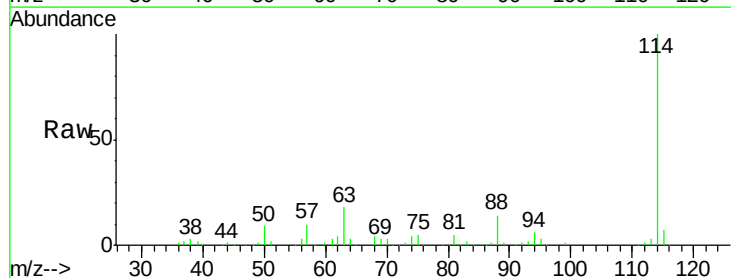
Instrument :
 MSVOA_X
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 PB107871TB 5X

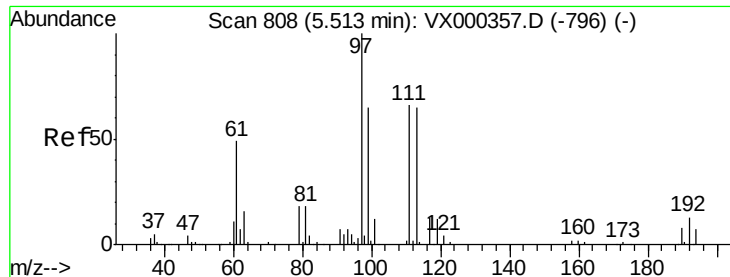
Tgt Ion: 65 Resp: 81021
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000641.D
 Acq: 02 Apr 2018 15:18

Tgt Ion: 114 Resp: 203083
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 38.4
 88 14.4 0.0 27.0





#35

Dibromofluoromethane

Concen: 48.74 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000641.D

Acq: 02 Apr 2018 15:18

Instrument :

MSVOA_X

ClientSampleId :

PB107871TB 5X

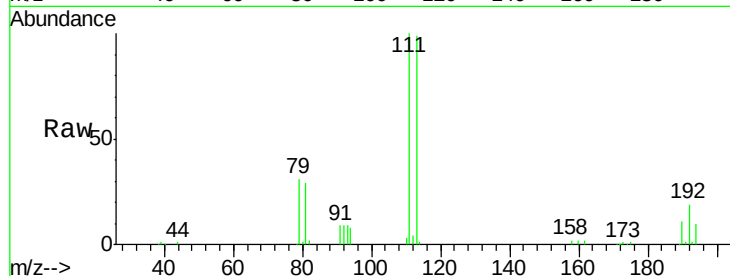
Tgt Ion:113 Resp: 62372

Ion Ratio Lower Upper

113 100

111 102.5 82.4 123.6

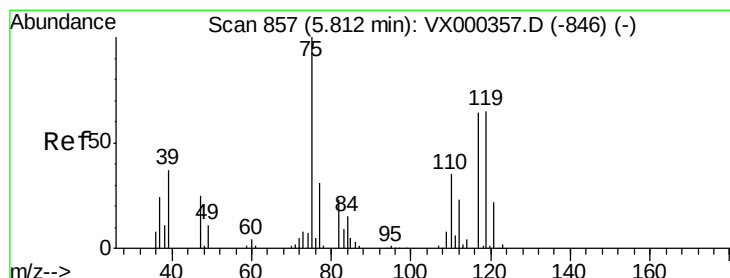
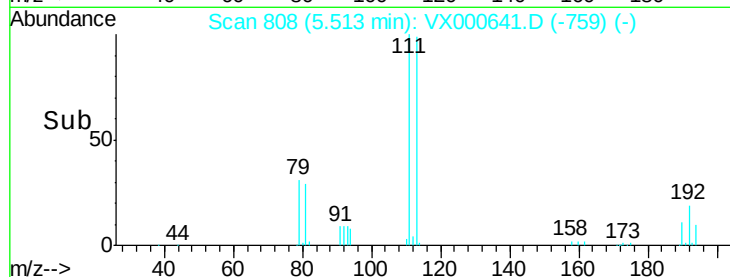
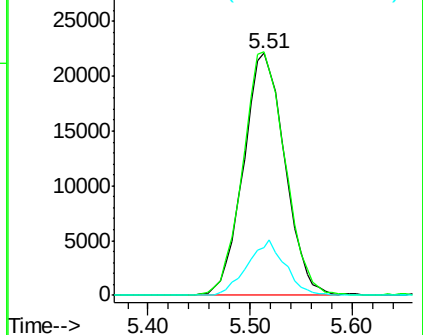
192 20.8 15.8 23.6



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



#36

1,1-Dichloropropene

Concen: 5.06 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.13 min

Lab File: VX000641.D

Acq: 02 Apr 2018 15:18

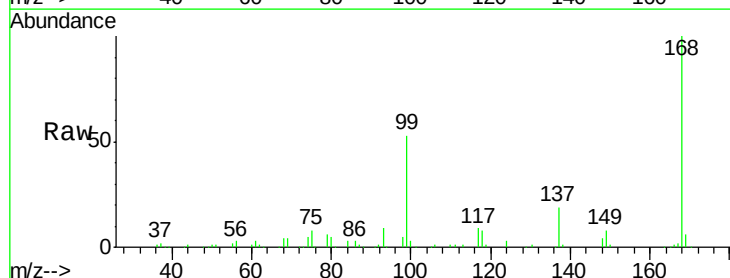
Tgt Ion: 75 Resp: 9617

Ion Ratio Lower Upper

75 100

110 8.1 17.9 53.7#

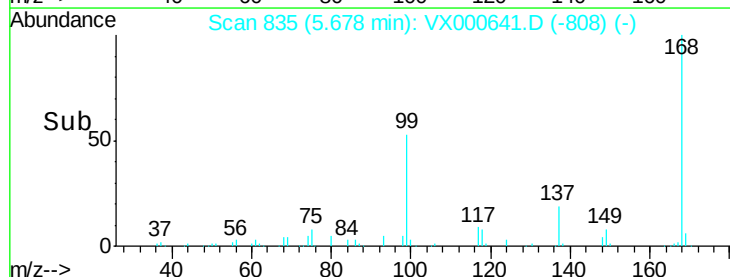
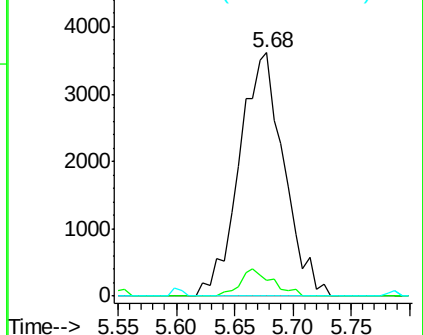
77 0.0 24.0 36.0#

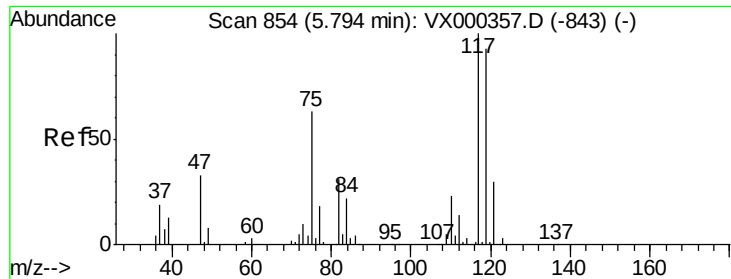


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

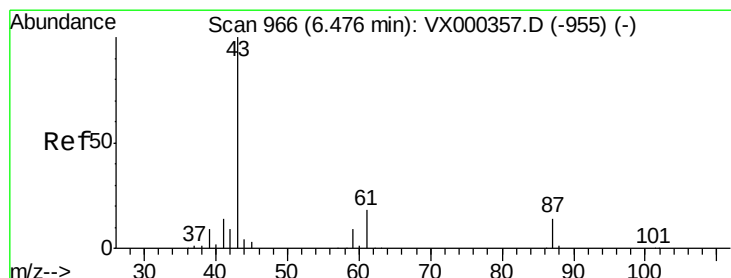
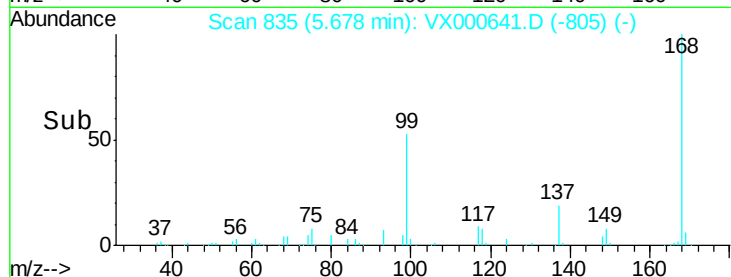
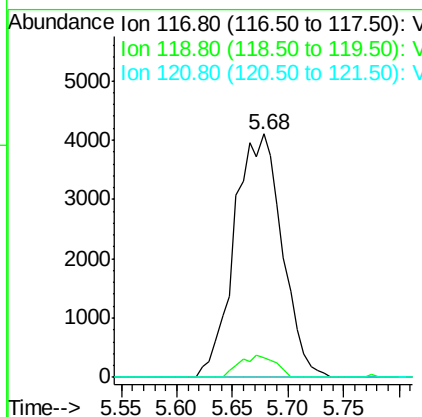
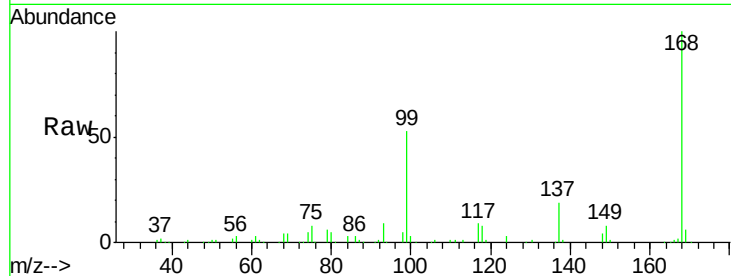




#38
Carbon Tetrachloride
Concen: 6.11 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.12 min
Lab File: VX000641.D
Acq: 02 Apr 2018 15:18

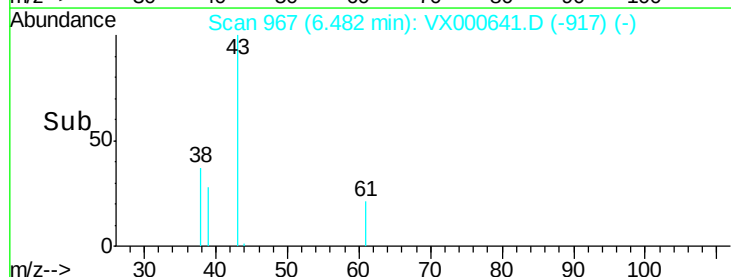
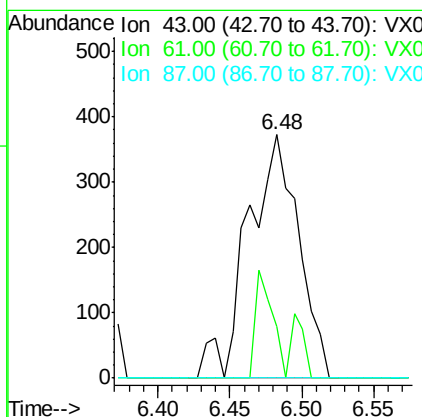
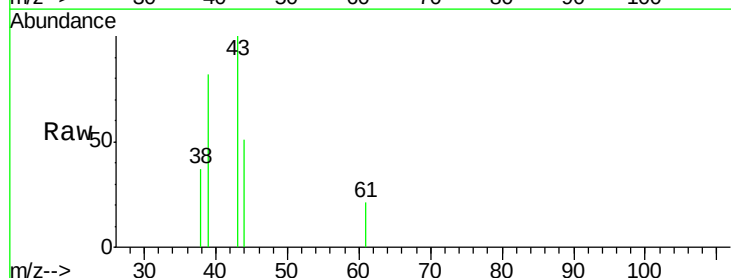
Instrument :
MSVOA_X
ClientSampled :
PB107871TB 5X

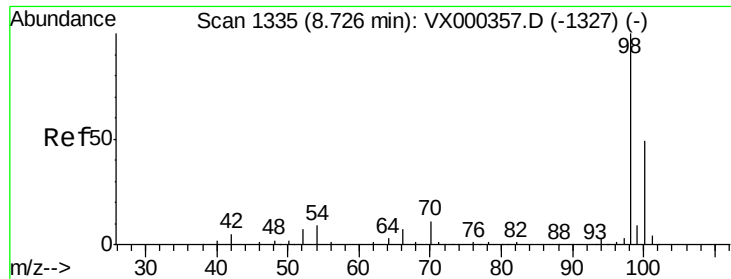
Tgt Ion: 117 Resp: 12198
Ion Ratio Lower Upper
117 100
119 8.1 77.4 116.2#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 0.24 ug/l
RT: 6.48 min Scan# 967
Delta R.T. 0.01 min
Lab File: VX000641.D
Acq: 02 Apr 2018 15:18

Tgt Ion: 43 Resp: 918
Ion Ratio Lower Upper
43 100
61 7.0 14.4 21.6#
87 0.0 11.0 16.4#





#50

Toluene-d8

Concen: 49.24 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000641.D

Acq: 02 Apr 2018 15:18

Instrument :

MSVOA_X

ClientSampleId :

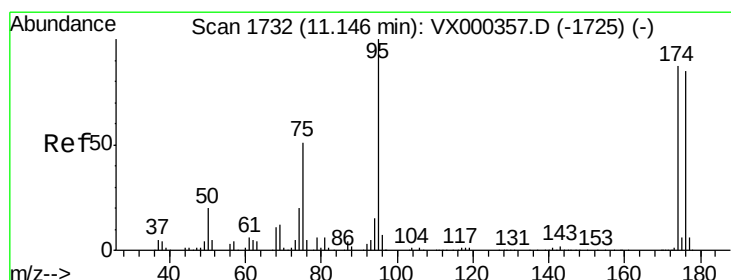
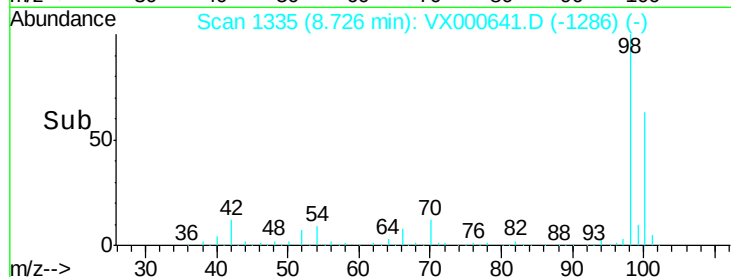
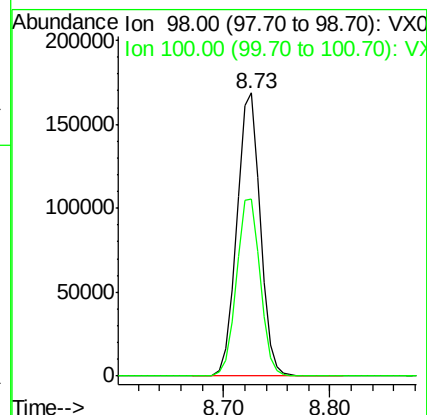
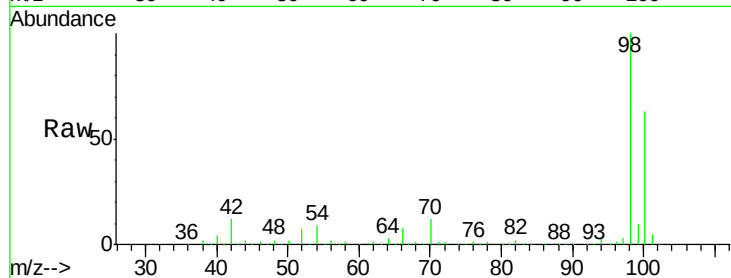
PB107871TB 5X

Tgt Ion: 98 Resp: 260930

Ion Ratio Lower Upper

98 100

100 63.5 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 42.42 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000641.D

Acq: 02 Apr 2018 15:18

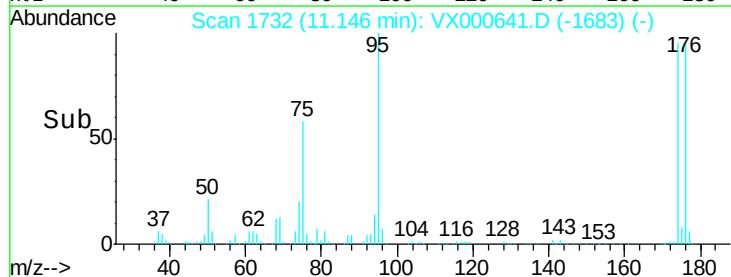
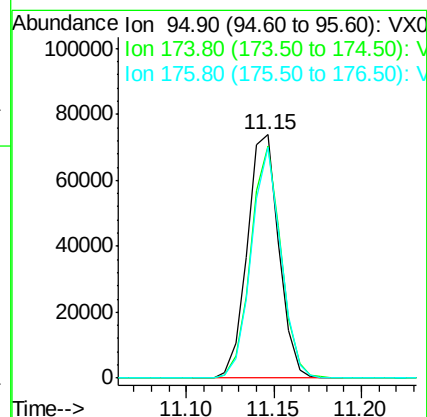
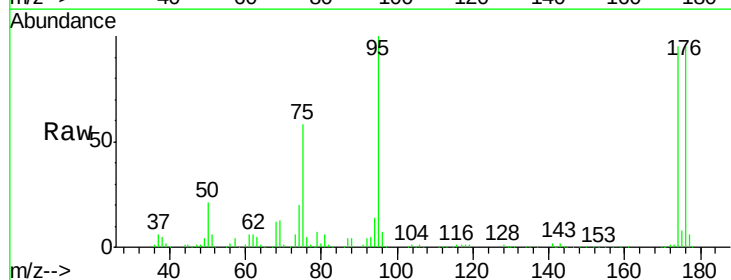
Tgt Ion: 95 Resp: 92614

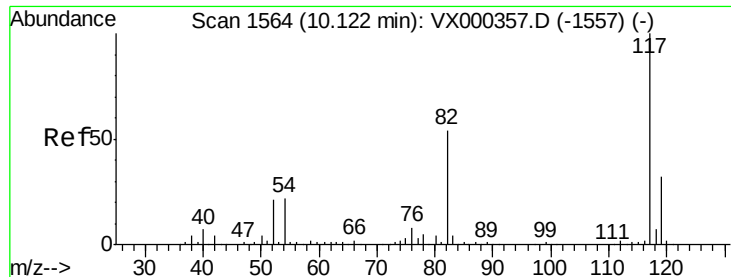
Ion Ratio Lower Upper

95 100

174 90.9 0.0 173.6

176 88.6 0.0 164.6

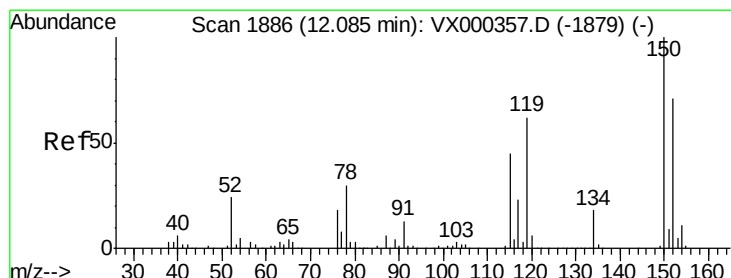
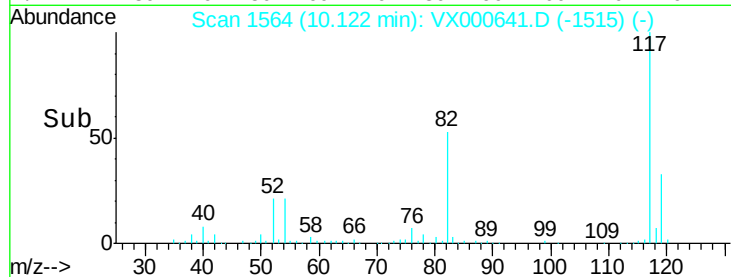
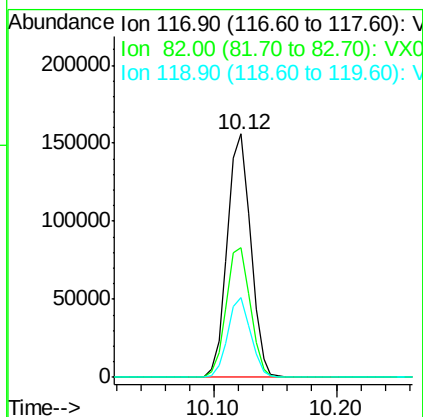
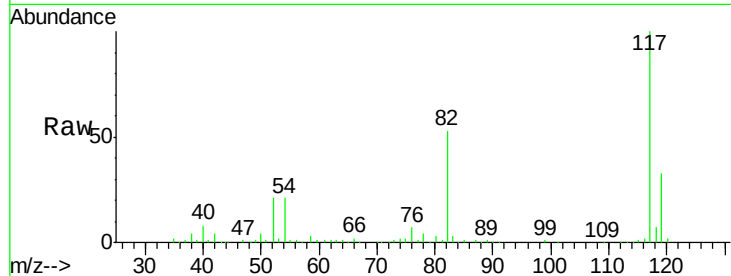




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000641.D
Acq: 02 Apr 2018 15:18

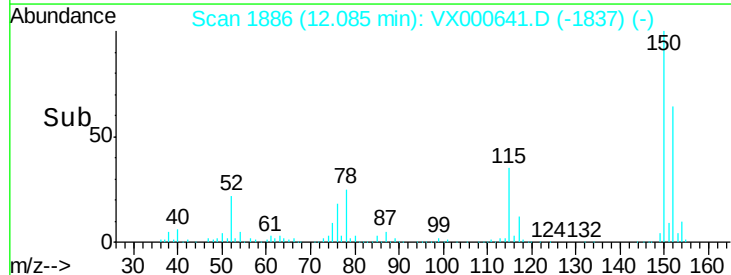
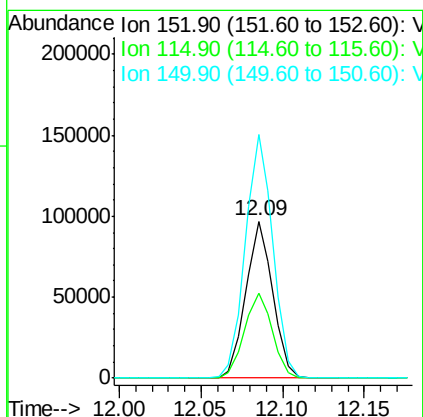
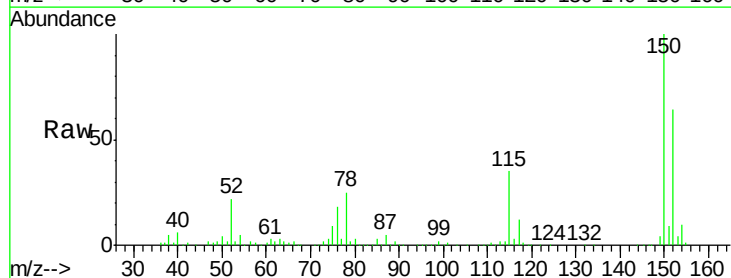
Instrument :
MSVOA_X
ClientSampleId :
PB107871TB 5X

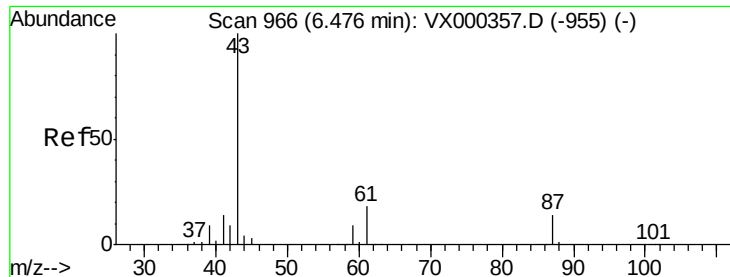
Tgt Ion:117 Resp: 206325
Ion Ratio Lower Upper
117 100
82 53.1 43.8 65.8
119 32.7 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000641.D
Acq: 02 Apr 2018 15:18

Tgt Ion:152 Resp: 111814
Ion Ratio Lower Upper
152 100
115 55.9 39.8 119.3
150 158.2 0.0 344.4





#74

N-amyI acetate

Concen: Below Cal

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000641.D

Acq: 02 Apr 2018 15:18

Instrument :

MSVOA_X

ClientSampleId :

PB107871TB 5X

Tgt Ion: 43 Resp: 918

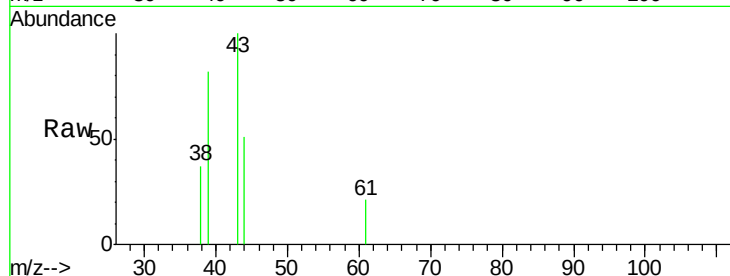
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 7.0 14.4 21.6#

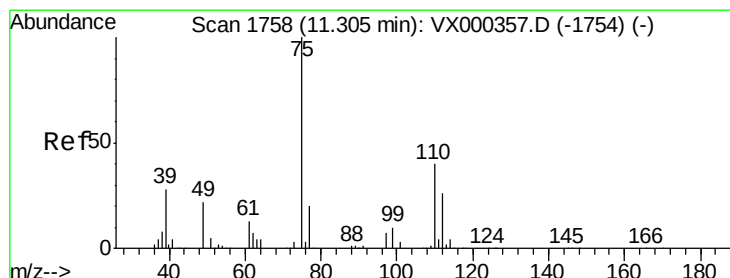
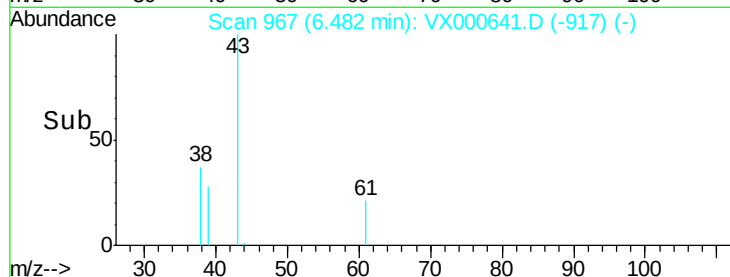
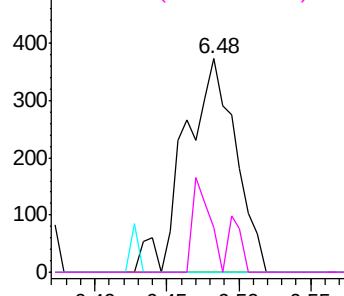


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 22.37 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

Lab File: VX000641.D

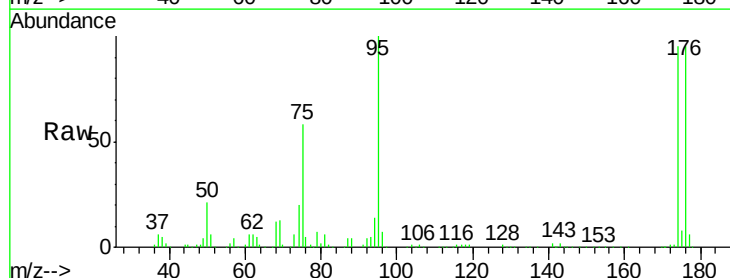
Acq: 02 Apr 2018 15:18

Tgt Ion: 75 Resp: 53767

Ion Ratio Lower Upper

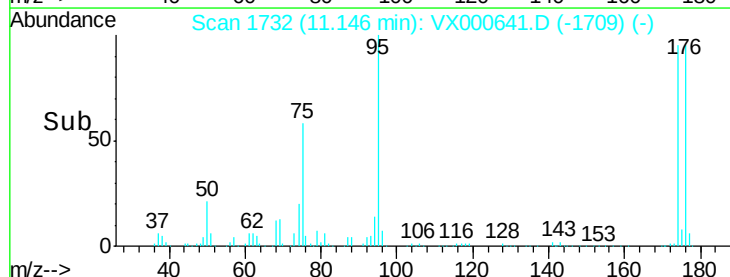
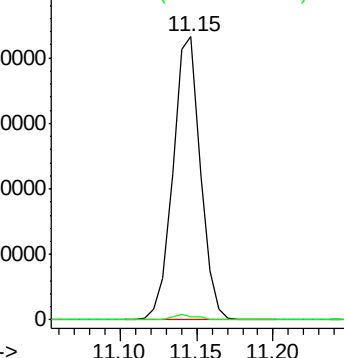
75 100

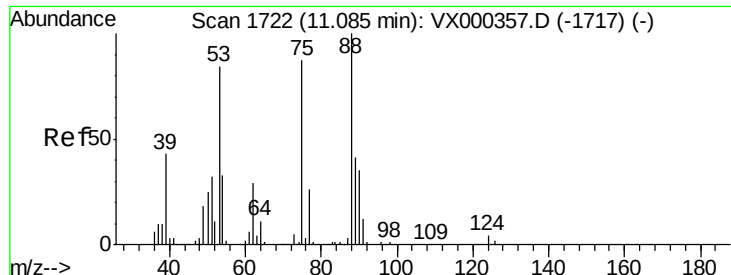
77 1.7 21.4 64.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 72.44 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.06 min

Lab File: VX000641.D

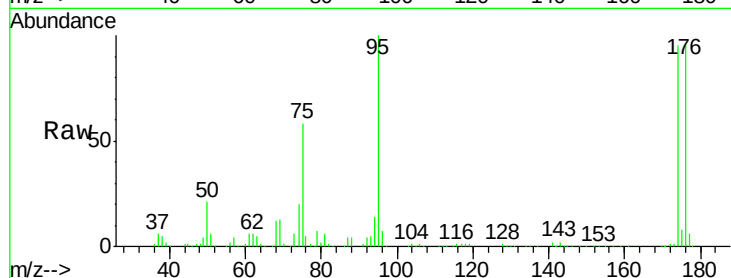
Acq: 02 Apr 2018 15:18

Instrument :

MSVOA_X

ClientSampleId :

PB107871TB 5X



Tgt Ion: 75 Resp: 53767

Ion Ratio Lower Upper

75 100

53 0.0 80.7 121.1#

89 0.0 39.4 59.0#

