

Data File : VX000414.D

Acq On : 22 Mar 2018 18:37

Operator : JC/MD

Sample : J2005-09

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-8S-031918

Quant Time: Mar 23 05:46:30 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	86322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	155141	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	144165	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	67155	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	63844	56.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.32%	
35) Dibromofluoromethane	5.52	113	48523	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
50) Toluene-d8	8.73	98	188180	46.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.96%	
62) 4-Bromofluorobenzene	11.15	95	59950	36.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.78%	

Target Compounds

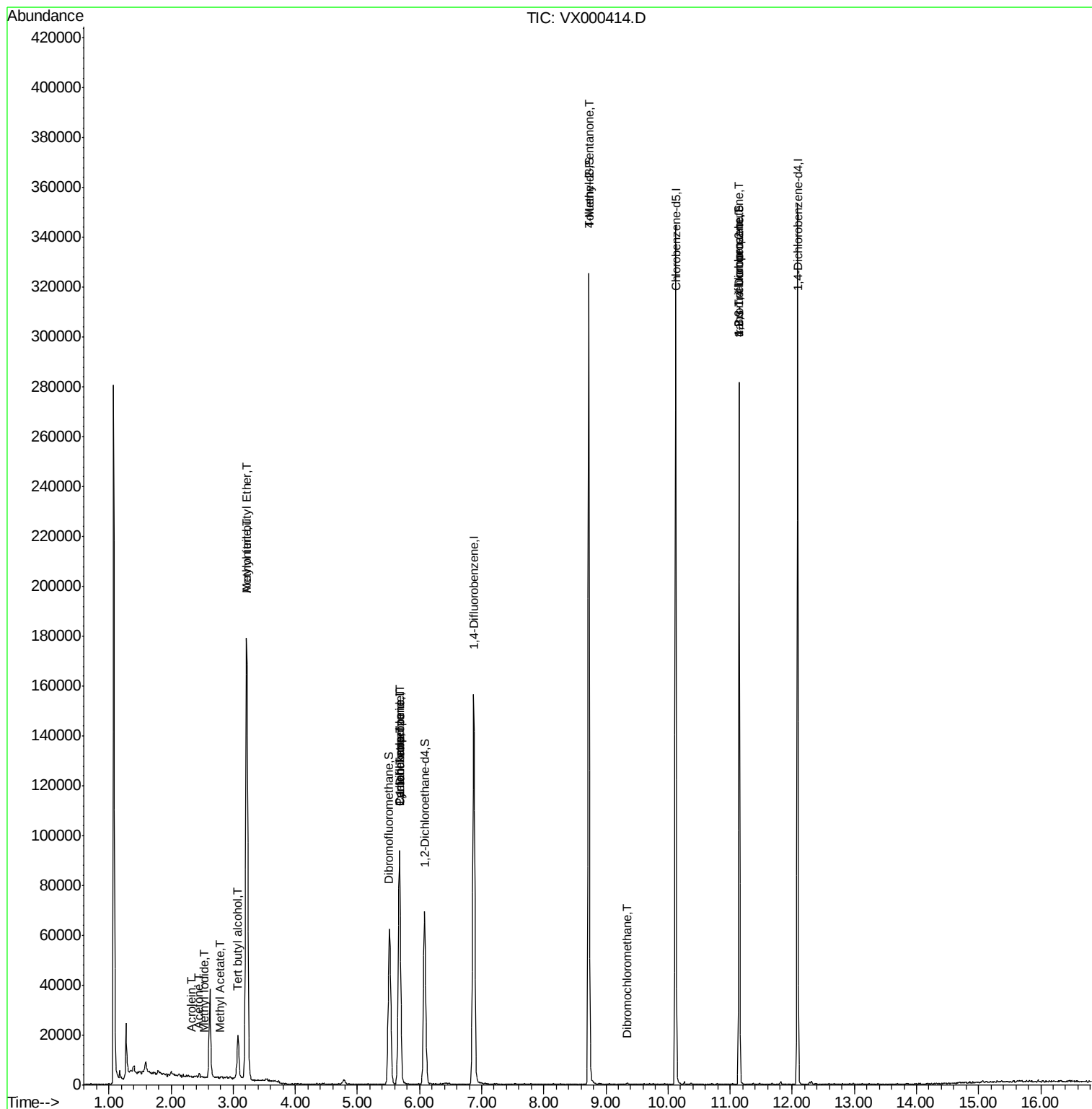
						Qvalue
6) Chloroethane	1.73	64	194	Below Cal	#	44
10) Methyl Iodide	2.54	142	23	4.30	ug/l #	37
11) Tert butyl alcohol	3.07	59	20948	54.05	ug/l	97
13) Acrolein	2.32	56	22	14.75	ug/l #	1
15) Acrylonitrile	3.21	53	2532	3.23	ug/l #	25
16) Acetone	2.45	43	1573	1.68	ug/l #	89
18) Methyl Acetate	2.79	43	414	0.21	ug/l #	61
19) Methyl tert-butyl Ether	3.21	73	203502	58.81	ug/l	98
31) Cyclohexane	5.68	56	2136	1.50	ug/l #	1
36) 1,1-Dichloropropene	5.68	75	6519	4.49	ug/l #	47
38) Carbon Tetrachloride	5.68	117	8704	5.71	ug/l #	15
51) 4-Methyl-2-Pentanone	8.72	43	937	0.41	ug/l #	1
60) Dibromochloromethane	9.34	129	50	4.15	ug/l #	12
74) N-amyl acetate	6.47	43	248	Below Cal	#	59
76) 1,2,3-Trichloropropane	11.15	75	35849	24.84	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.15	75	35849	80.42	ug/l #	9

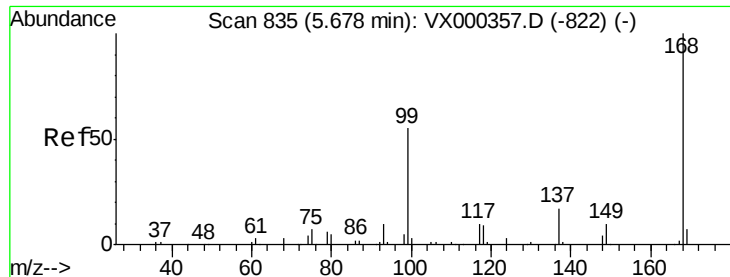
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VX000414.D
Acq On : 22 Mar 2018 18:37
Operator : JC/MD
Sample : J2005-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-8S-031918

Quant Time: Mar 23 05:46:30 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000414.D

Acq: 22 Mar 2018 18:37

Instrument :

MSVOA_X

ClientSampleId :

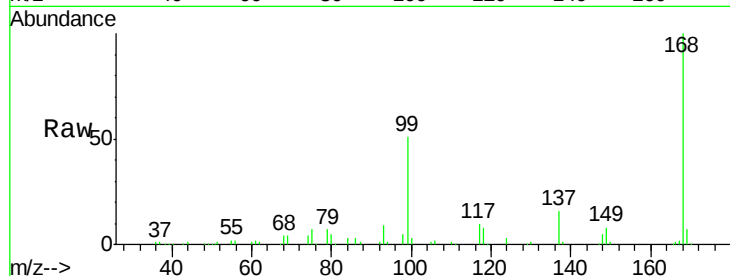
MW-8S-031918

Tgt Ion:168 Resp: 86322

Ion Ratio Lower Upper

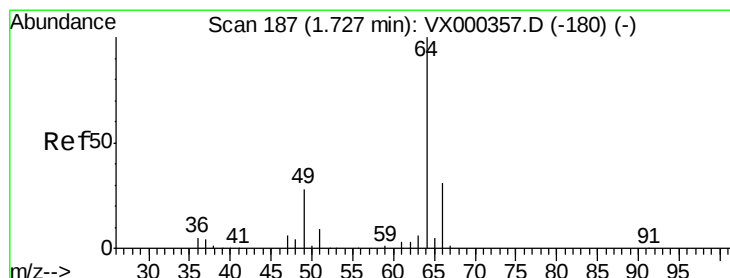
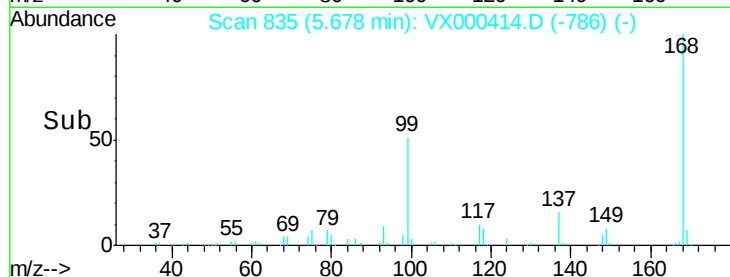
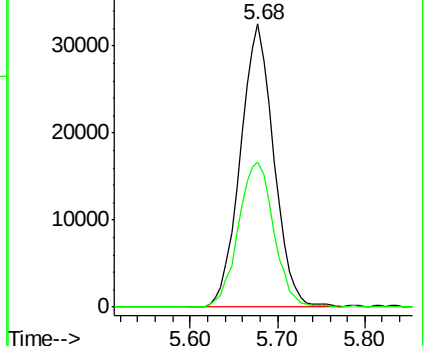
168 100

99 51.2 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000414.D

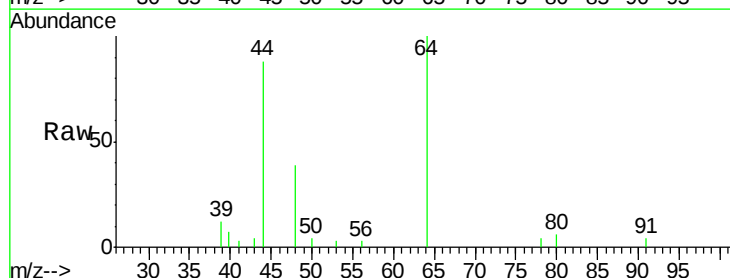
Acq: 22 Mar 2018 18:37

Tgt Ion: 64 Resp: 194

Ion Ratio Lower Upper

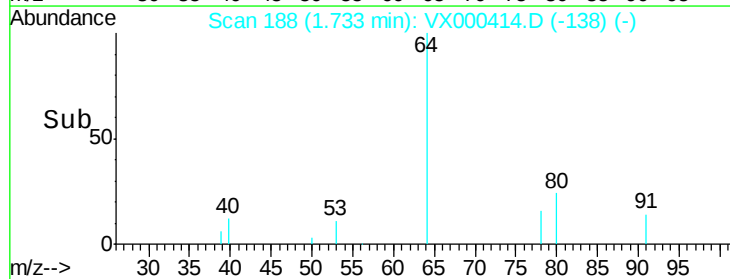
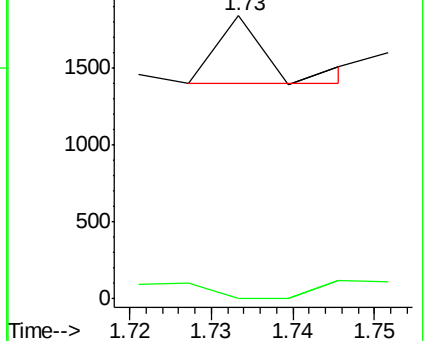
64 100

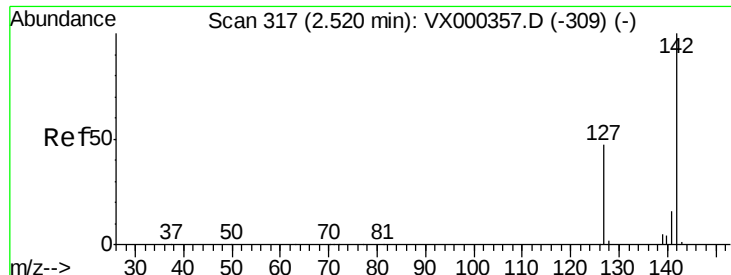
66 0.0 24.8 37.2#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

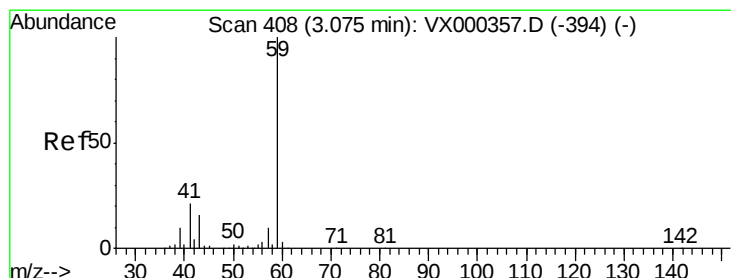
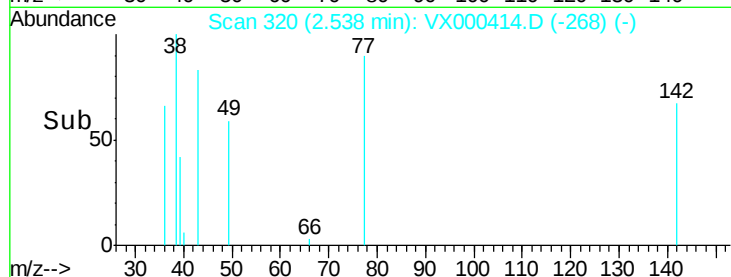
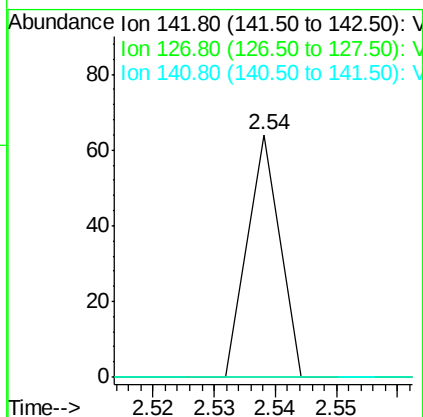
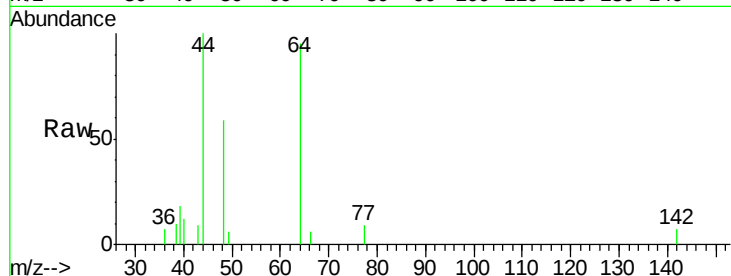




#10
Methyl Iodide
Concen: 4.30 ug/l
RT: 2.54 min Scan# 320
Delta R.T. 0.02 min
Lab File: VX000414.D
Acq: 22 Mar 2018 18:37

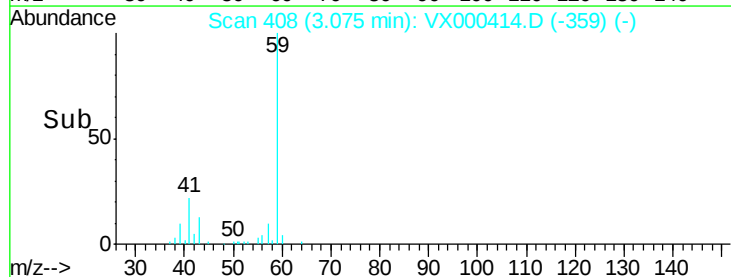
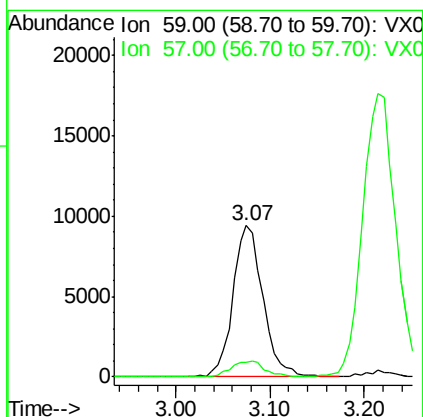
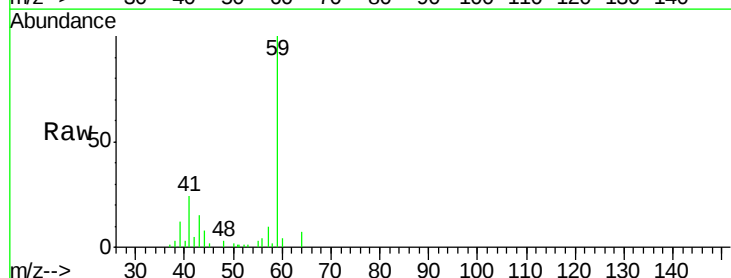
Instrument :
MSVOA_X
ClientSampleId :
MW-8S-031918

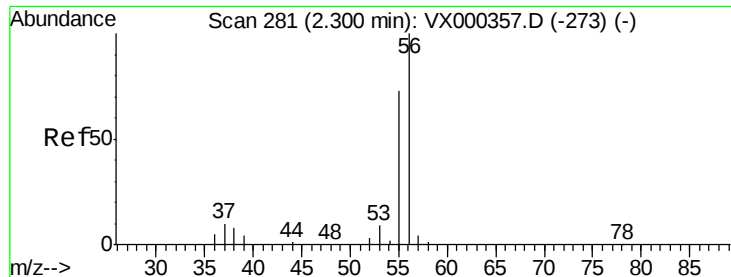
Tgt Ion: 142 Resp: 23
Ion Ratio Lower Upper
142 100
127 0.0 39.2 58.8#
141 0.0 11.7 17.5#



#11
Tert butyl alcohol
Concen: 54.05 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.00 min
Lab File: VX000414.D
Acq: 22 Mar 2018 18:37

Tgt Ion: 59 Resp: 20948
Ion Ratio Lower Upper
59 100
57 11.5 8.4 12.6





#13

Acrolein

Concen: 14.75 ug/l

RT: 2.32 min Scan# 284

Delta R.T. 0.02 min

Lab File: VX000414.D

Acq: 22 Mar 2018 18:37

Instrument :

MSVOA_X

ClientSampleId :

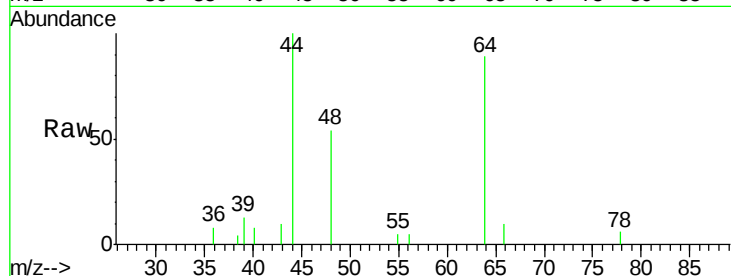
MW-8S-031918

Tgt Ion: 56 Resp: 22

Ion Ratio Lower Upper

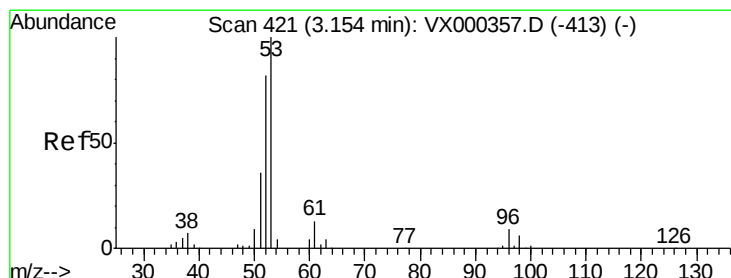
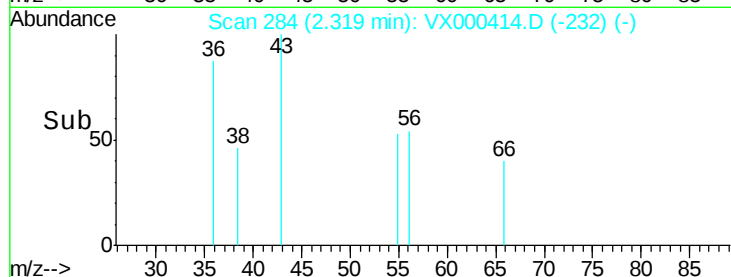
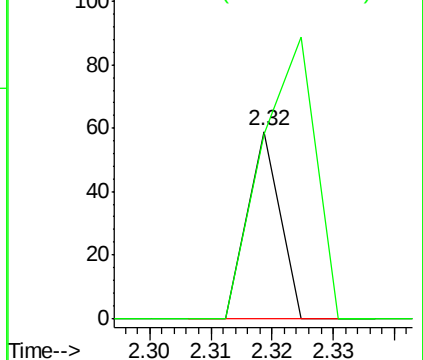
56 100

55 245.5 58.8 88.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#15

Acrylonitrile

Concen: 3.23 ug/l

RT: 3.21 min Scan# 431

Delta R.T. 0.06 min

Lab File: VX000414.D

Acq: 22 Mar 2018 18:37

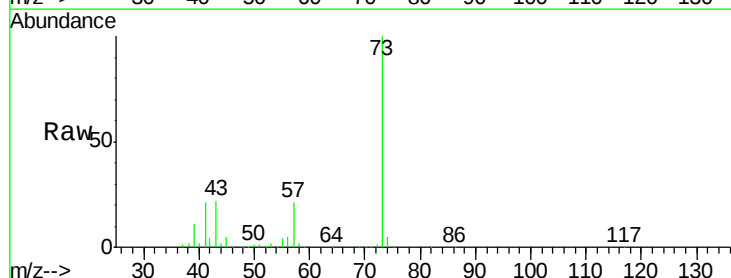
Tgt Ion: 53 Resp: 2532

Ion Ratio Lower Upper

53 100

52 21.0 66.6 99.8#

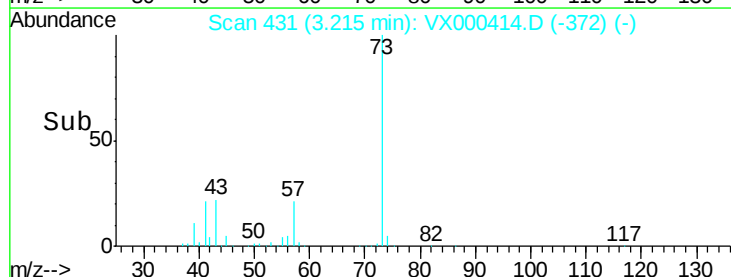
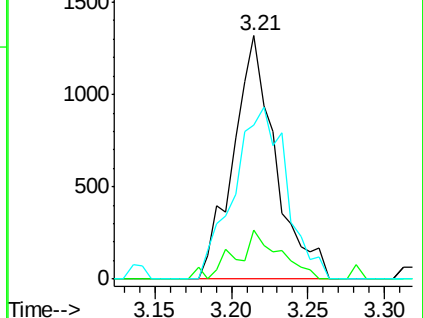
51 88.4 29.3 43.9#

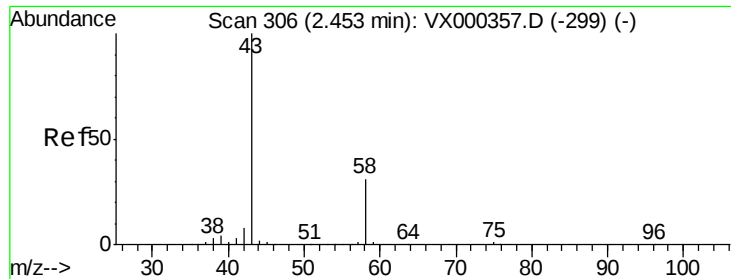


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#16

Acetone

Concen: 1.68 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000414.D

Acq: 22 Mar 2018 18:37

Instrument :

MSVOA_X

ClientSampleId :

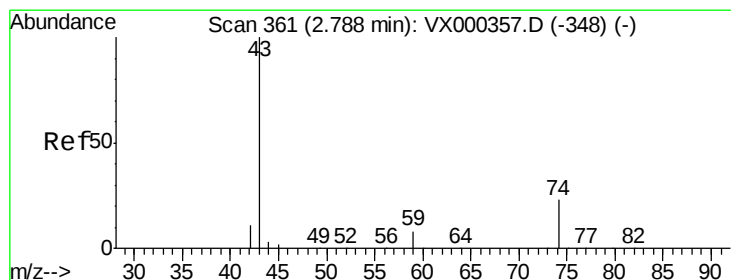
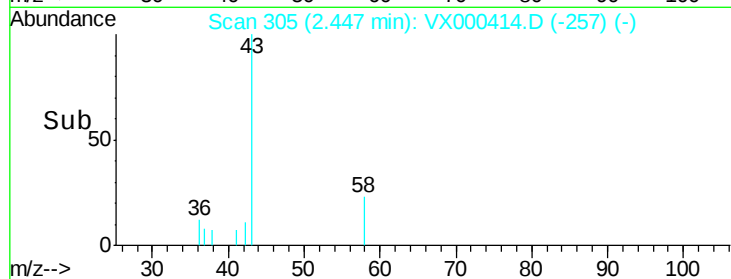
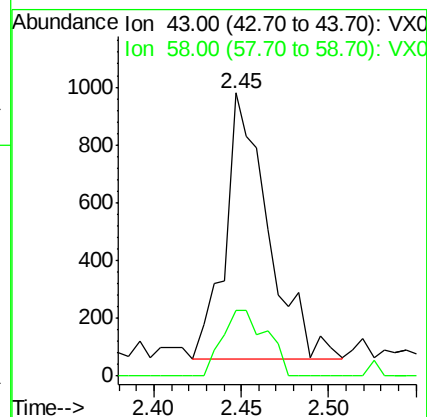
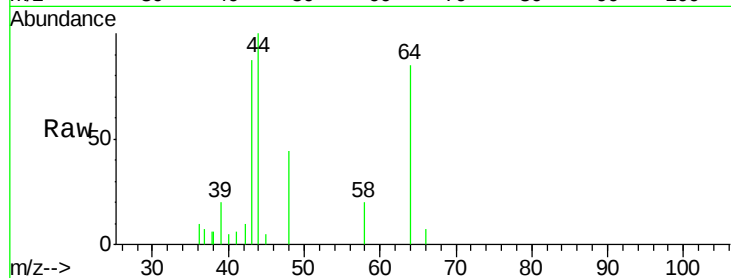
MW-8S-031918

Tgt Ion: 43 Resp: 1573

Ion Ratio Lower Upper

43 100

58 24.6 24.7 37.1#



#18

Methyl Acetate

Concen: 0.21 ug/l

RT: 2.79 min Scan# 361

Delta R.T. -0.00 min

Lab File: VX000414.D

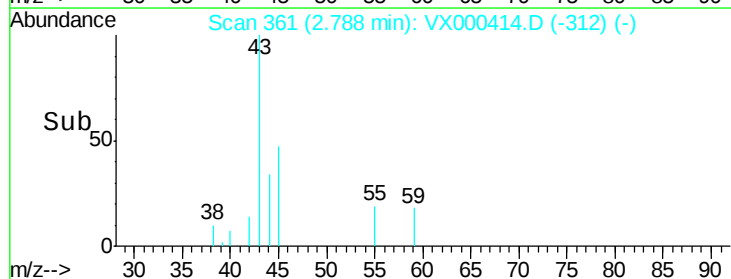
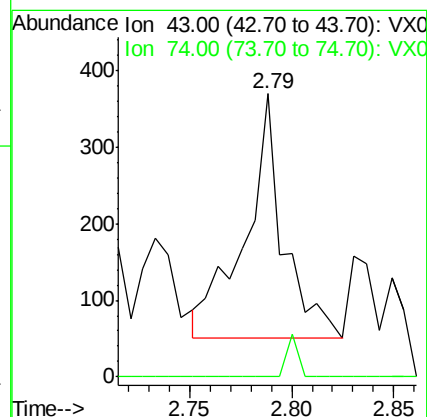
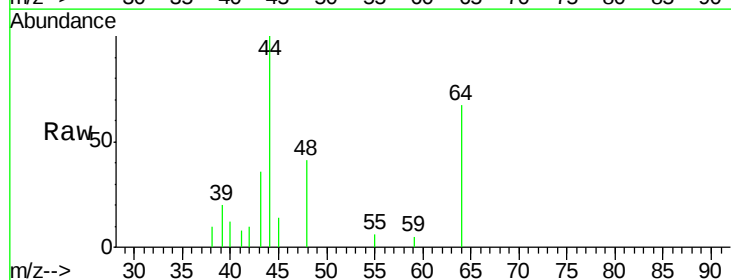
Acq: 22 Mar 2018 18:37

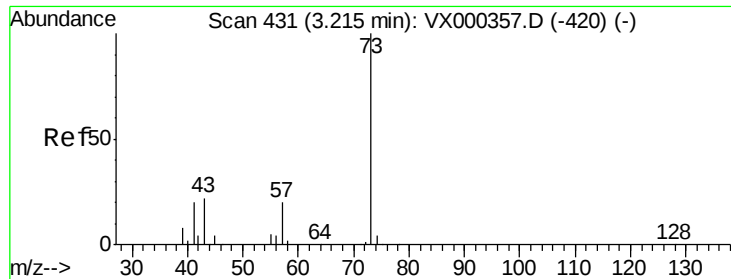
Tgt Ion: 43 Resp: 414

Ion Ratio Lower Upper

43 100

74 4.8 19.4 29.2#

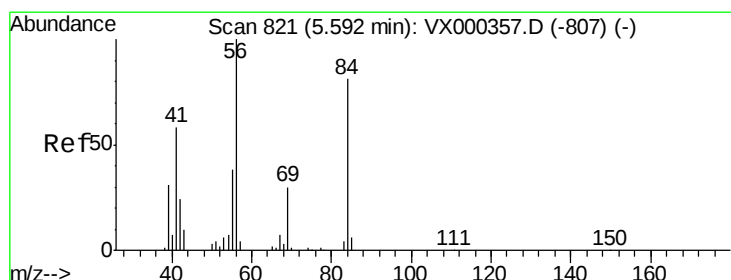
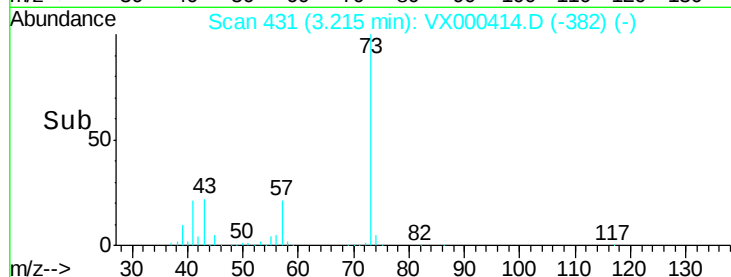
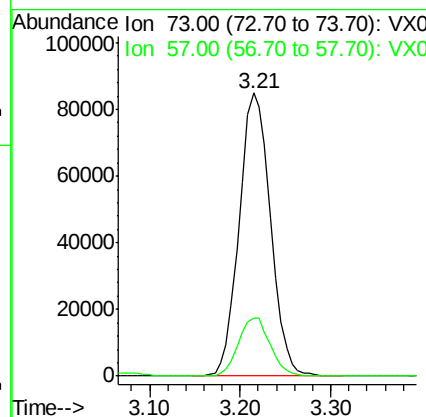
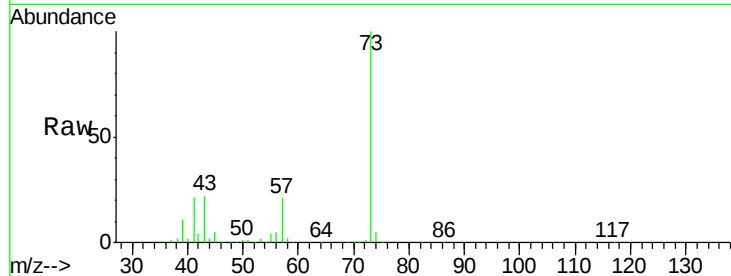




#19
Methyl tert-butyl Ether
Concen: 58.81 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000414.D
Acq: 22 Mar 2018 18:37

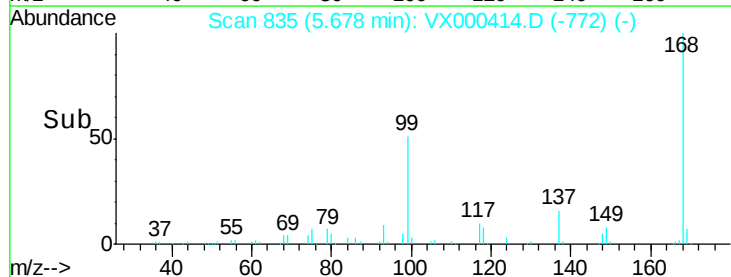
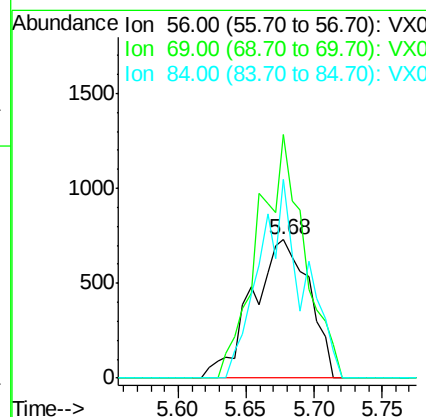
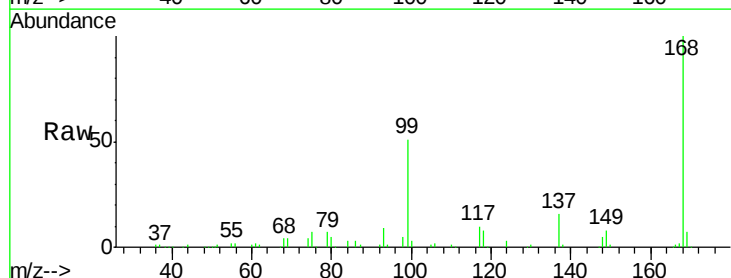
Instrument :
MSVOA_X
ClientSampleId :
MW-8S-031918

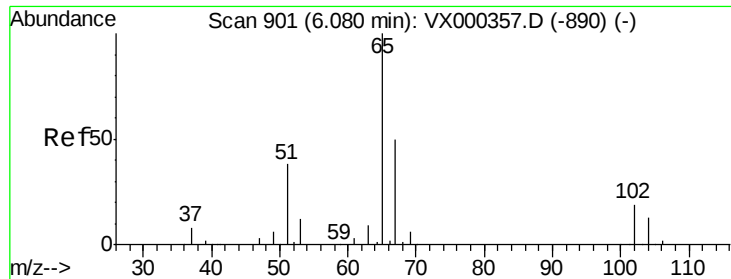
Tgt Ion: 73 Resp: 203502
Ion Ratio Lower Upper
73 100
57 20.7 17.2 25.8



#31
Cyclohexane
Concen: 1.50 ug/l
RT: 5.68 min Scan# 835
Delta R.T. 0.09 min
Lab File: VX000414.D
Acq: 22 Mar 2018 18:37

Tgt Ion: 56 Resp: 2136
Ion Ratio Lower Upper
56 100
69 175.8 23.4 35.0#
84 143.8 71.0 106.4#

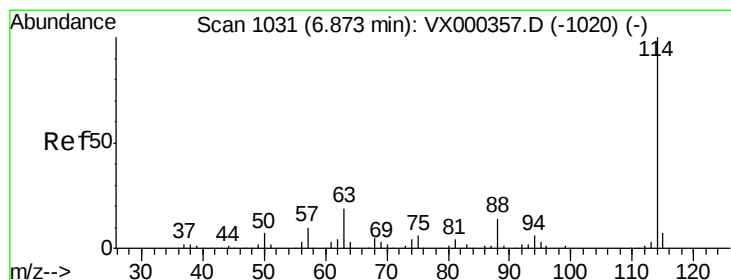
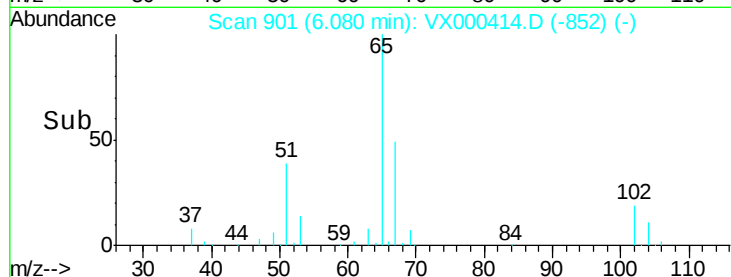
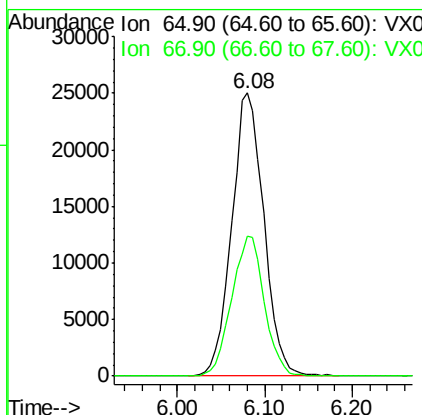
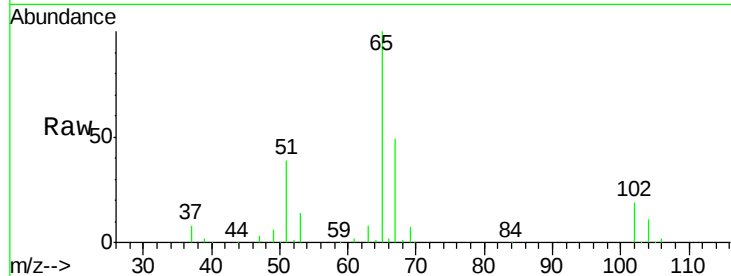




#33
 1,2-Dichloroethane-d4
 Concen: 56.66 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000414.D
 Acq: 22 Mar 2018 18:37

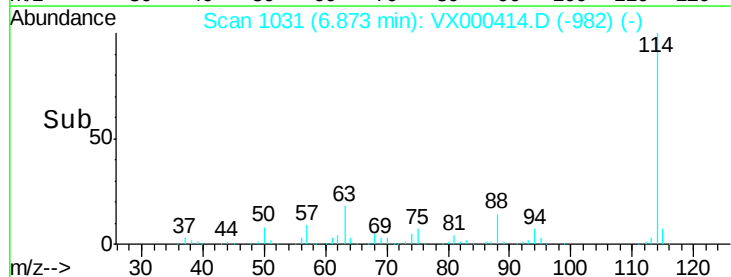
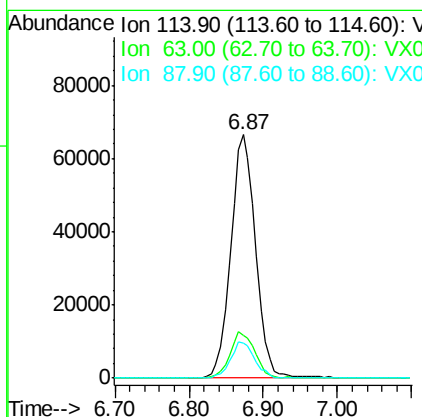
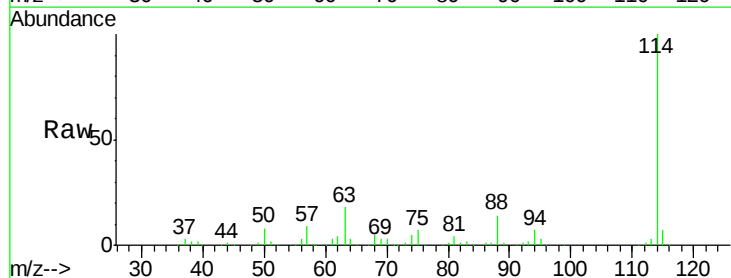
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8S-031918

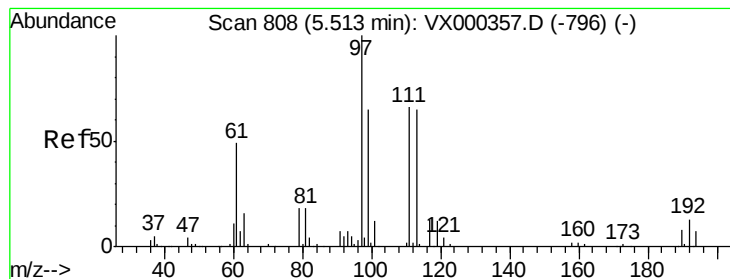
Tgt Ion: 65 Resp: 63844
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000414.D
 Acq: 22 Mar 2018 18:37

Tgt Ion: 114 Resp: 155141
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 38.4
 88 14.2 0.0 27.0





#35

Dibromofluoromethane

Concen: 49.64 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000414.D

Acq: 22 Mar 2018 18:37

Instrument :

MSVOA_X

ClientSampleId :

MW-8S-031918

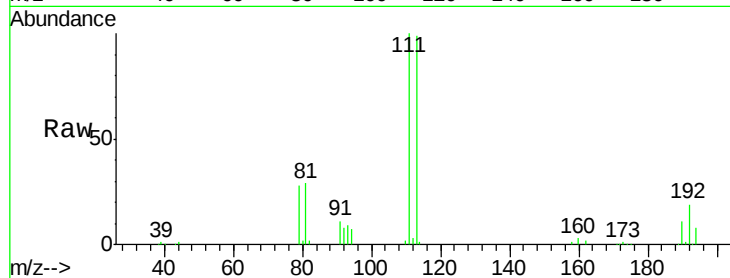
Tgt Ion:113 Resp: 48523

Ion Ratio Lower Upper

113 100

111 105.3 82.4 123.6

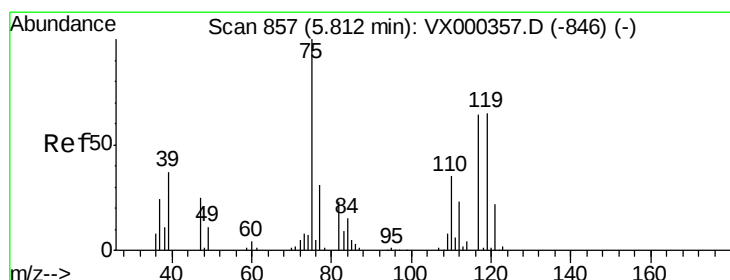
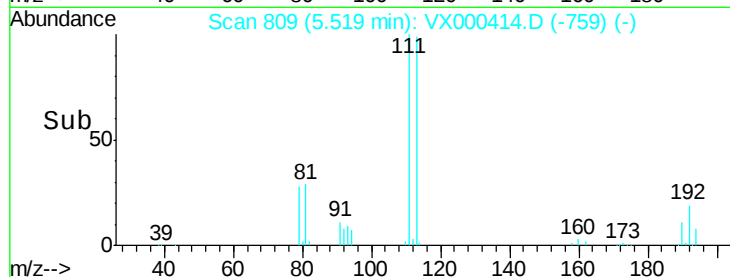
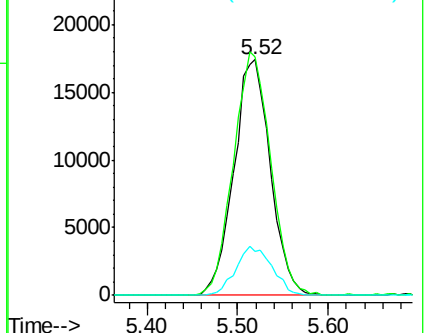
192 20.7 15.8 23.6



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: 4.49 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.13 min

Lab File: VX000414.D

Acq: 22 Mar 2018 18:37

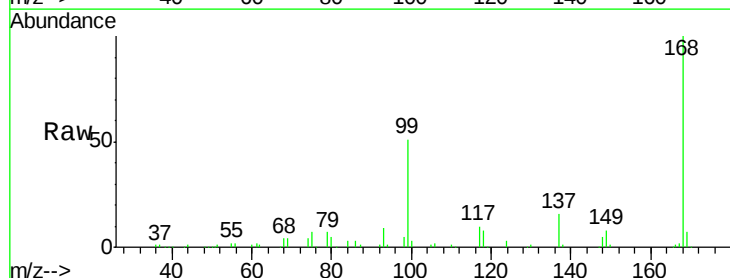
Tgt Ion: 75 Resp: 6519

Ion Ratio Lower Upper

75 100

110 5.4 17.9 53.7#

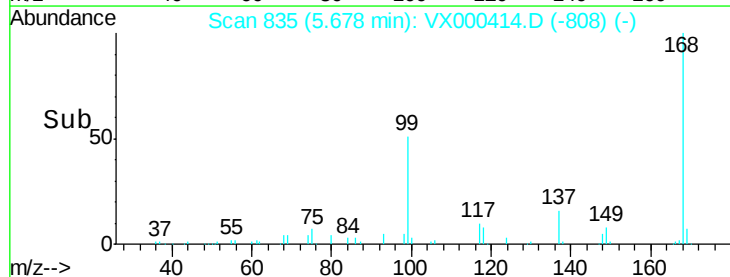
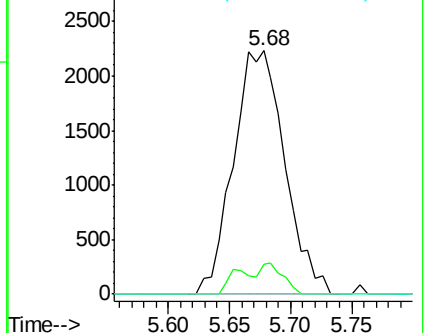
77 0.0 24.0 36.0#

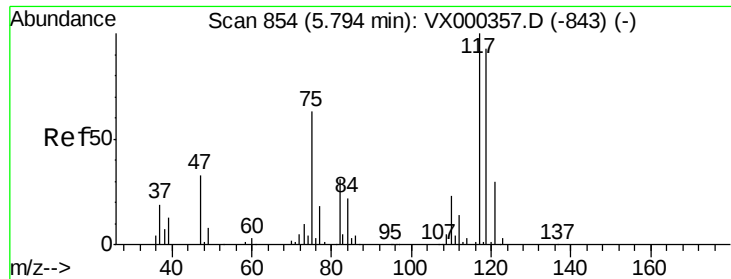


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

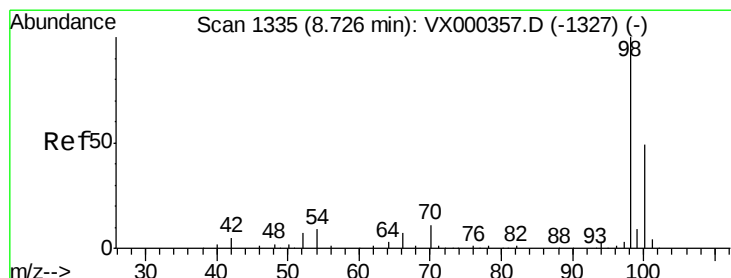
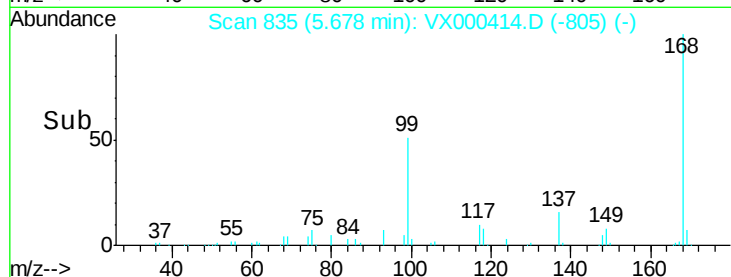
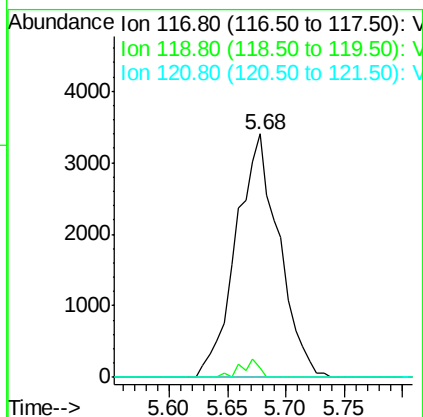
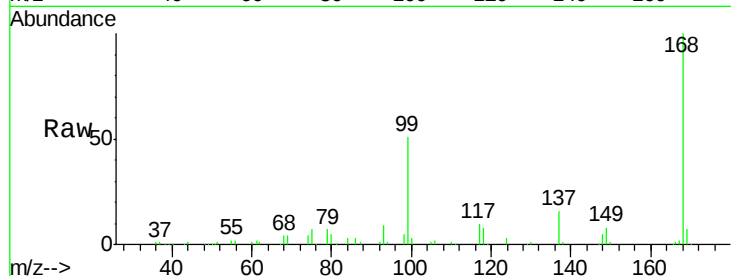




#38
Carbon Tetrachloride
Concen: 5.71 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.12 min
Lab File: VX000414.D
Acq: 22 Mar 2018 18:37

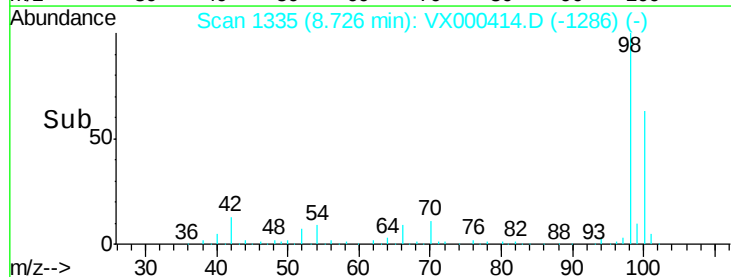
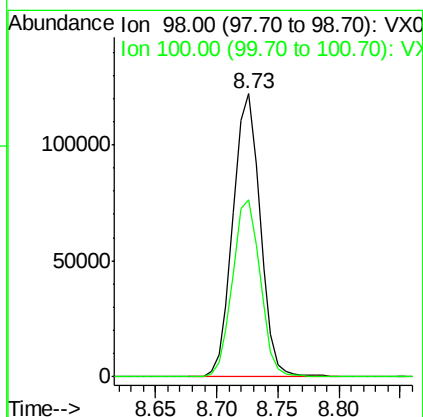
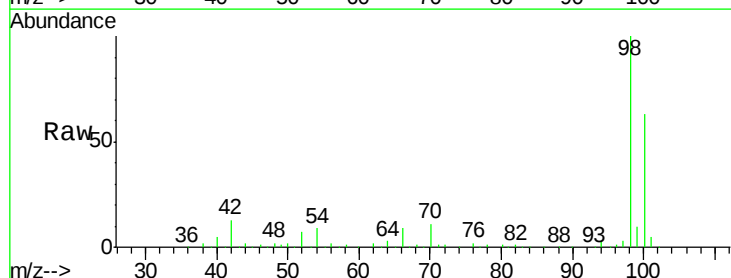
Instrument :
MSVOA_X
ClientSampleId :
MW-8S-031918

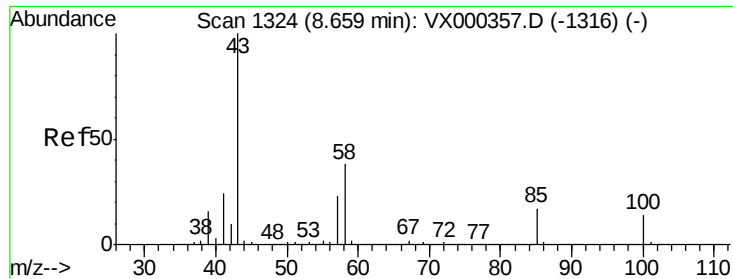
Tgt Ion: 117 Resp: 8704
Ion Ratio Lower Upper
117 100
119 3.8 77.4 116.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 46.48 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000414.D
Acq: 22 Mar 2018 18:37

Tgt Ion: 98 Resp: 188180
Ion Ratio Lower Upper
98 100
100 63.4 51.2 76.8

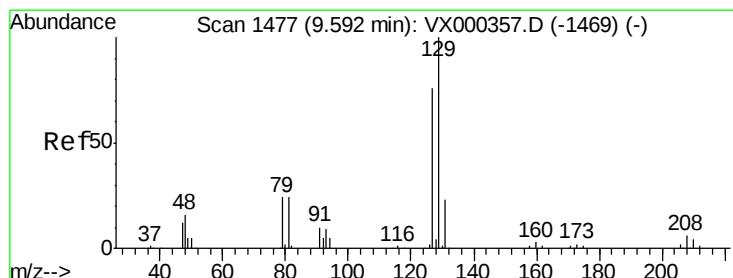
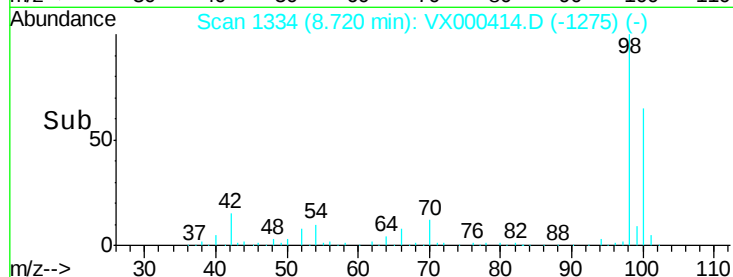
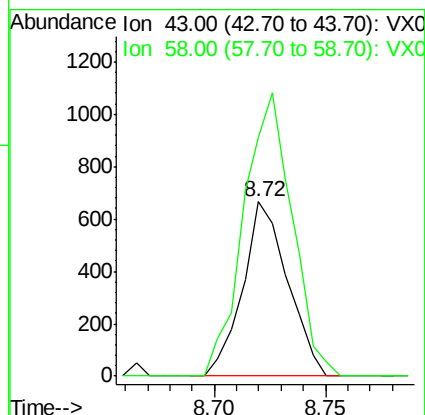
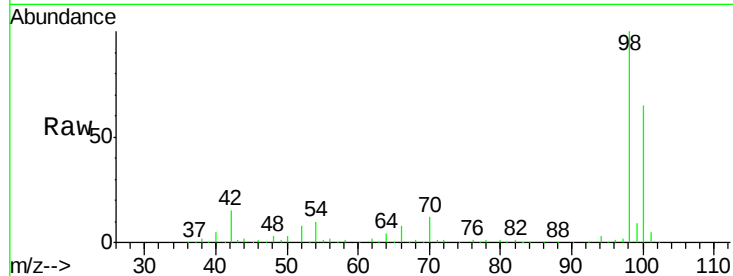




#51
4-Methyl-2-Pentanone
Concen: 0.41 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.06 min
Lab File: VX000414.D
Acq: 22 Mar 2018 18:37

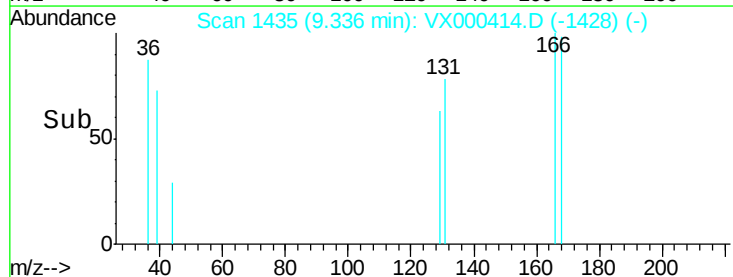
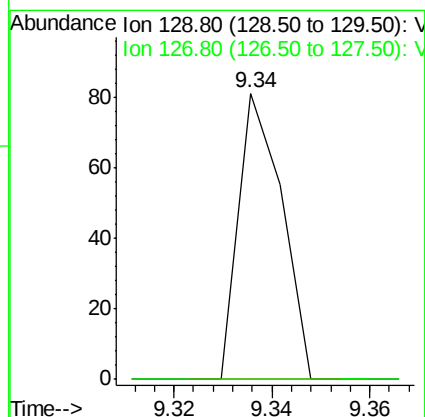
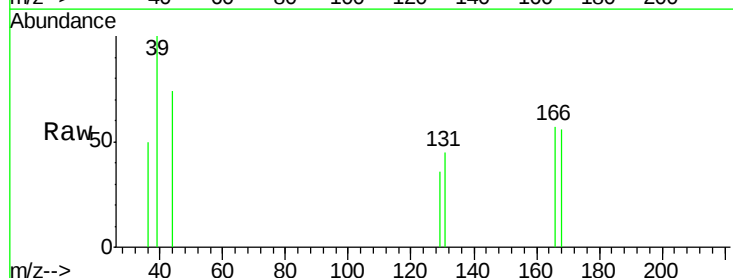
Instrument :
MSVOA_X
ClientSampleId :
MW-8S-031918

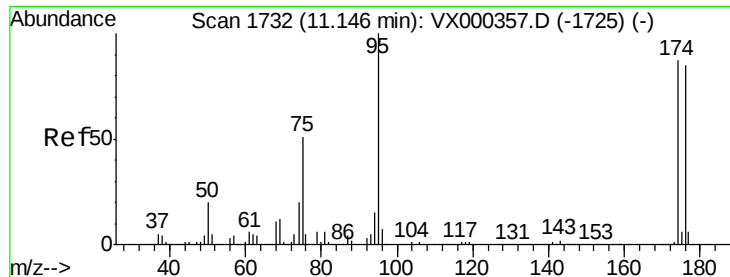
Tgt Ion: 43 Resp: 937
Ion Ratio Lower Upper
43 100
58 175.0 30.3 45.5#



#60
Dibromochloromethane
Concen: 4.15 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.26 min
Lab File: VX000414.D
Acq: 22 Mar 2018 18:37

Tgt Ion: 129 Resp: 50
Ion Ratio Lower Upper
129 100
127 0.0 37.9 113.6#





#62

4-Bromofluorobenzene

Concen: 36.89 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000414.D

Acq: 22 Mar 2018 18:37

Instrument :

MSVOA_X

ClientSampleId :

MW-8S-031918

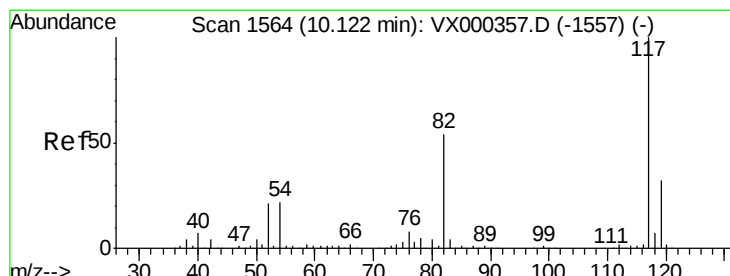
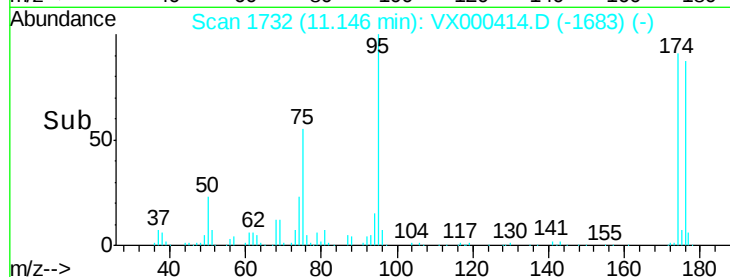
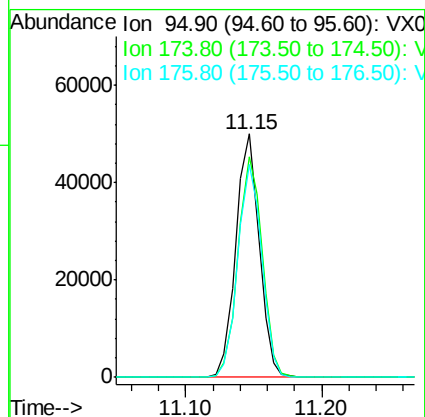
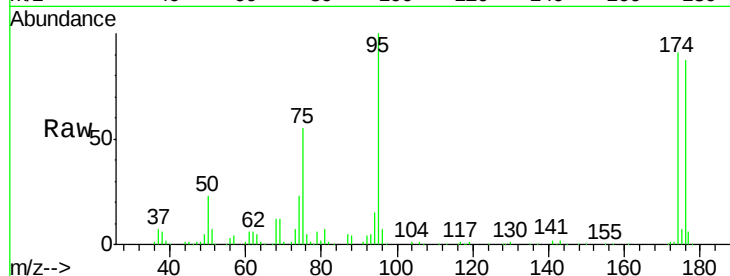
Tgt Ion: 95 Resp: 59950

Ion Ratio Lower Upper

95 100

174 93.9 0.0 173.6

176 89.6 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: VX000414.D

Acq: 22 Mar 2018 18:37

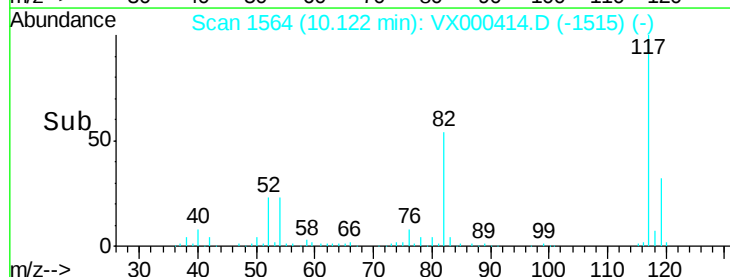
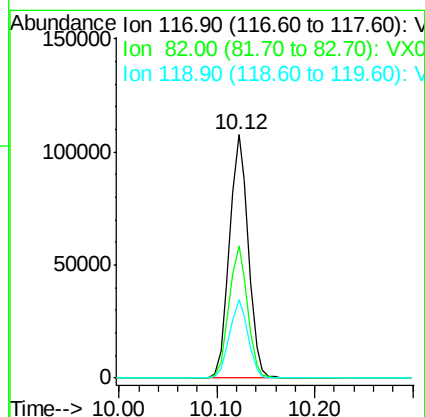
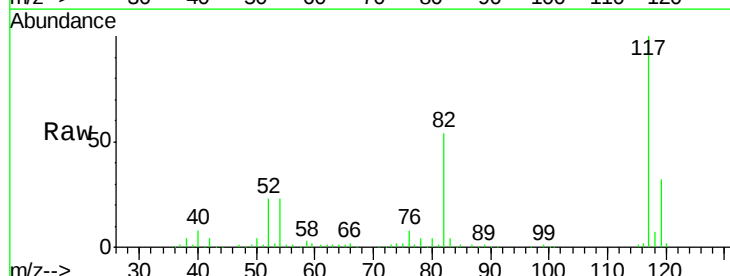
Tgt Ion: 117 Resp: 144165

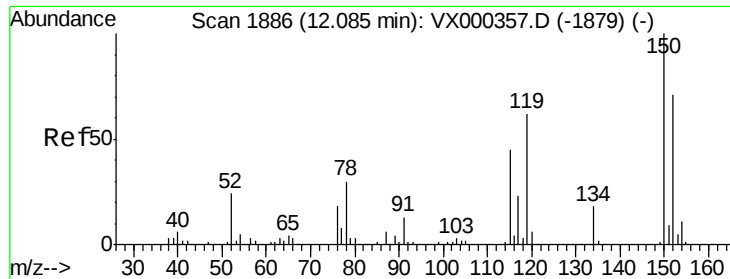
Ion Ratio Lower Upper

117 100

82 54.3 43.8 65.8

119 32.1 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: VX000414.D

Acq: 22 Mar 2018 18:37

Instrument :

MSVOA_X

ClientSampleId :

MW-8S-031918

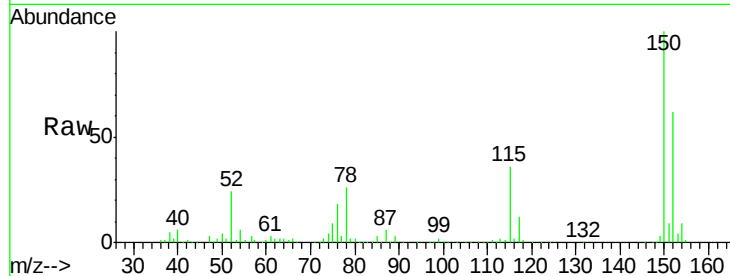
Tgt Ion: 152 Resp: 67155

Ion Ratio Lower Upper

152 100

115 55.7 39.8 119.3

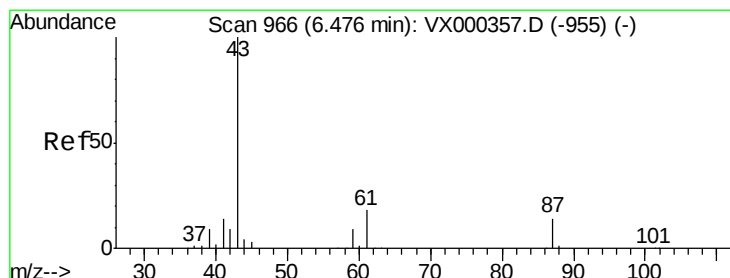
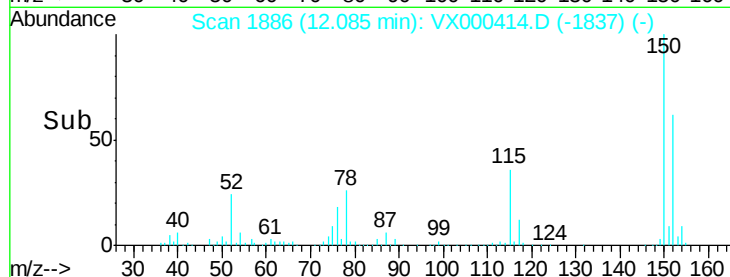
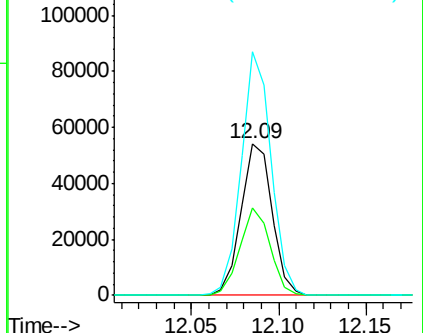
150 154.1 0.0 344.4



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



#74

N-ethyl acetate

Concen: Below Cal

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000414.D

Acq: 22 Mar 2018 18:37

Tgt Ion: 43 Resp: 248

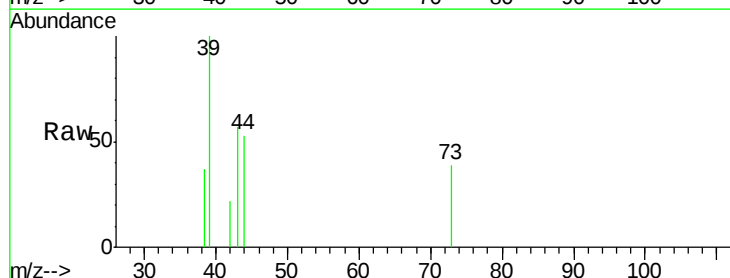
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 22.2 0.0 0.0#

61 0.0 14.4 21.6#

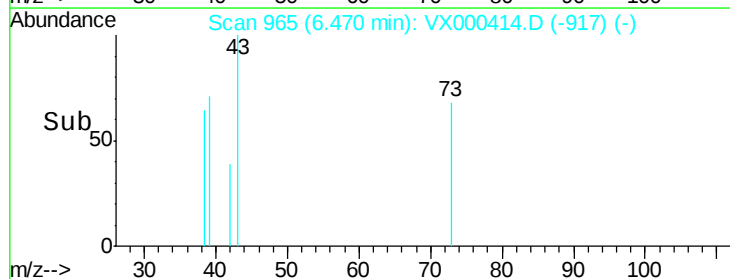
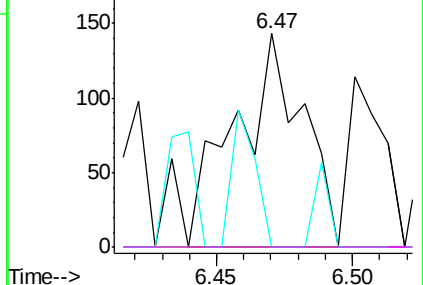


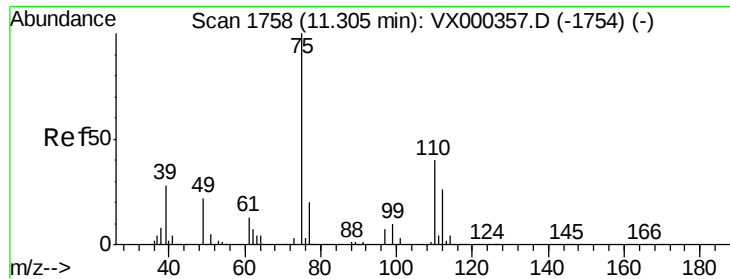
Abundance Ion 43.00 (42.70 to 43.70): VX0

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

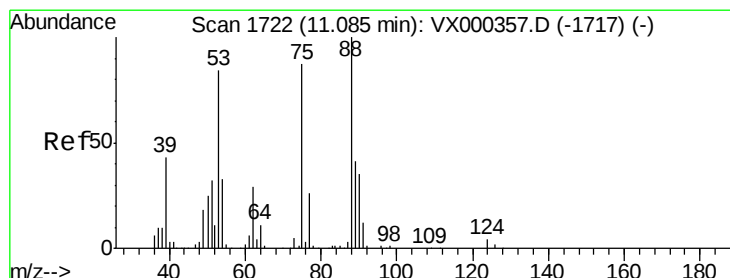
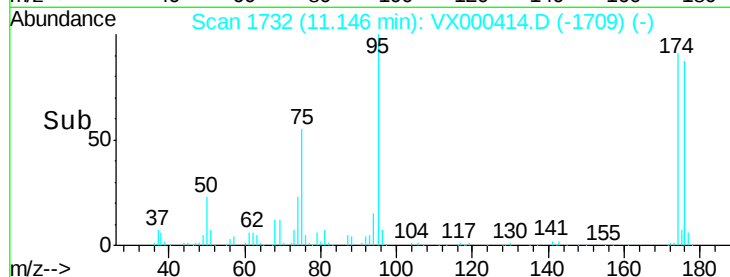
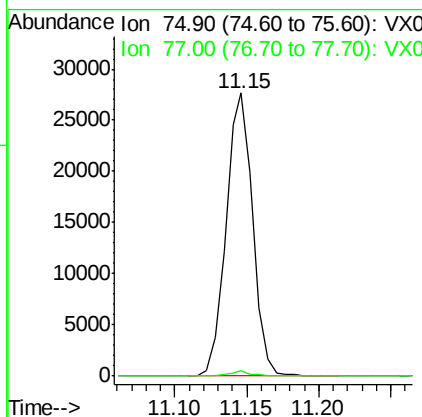
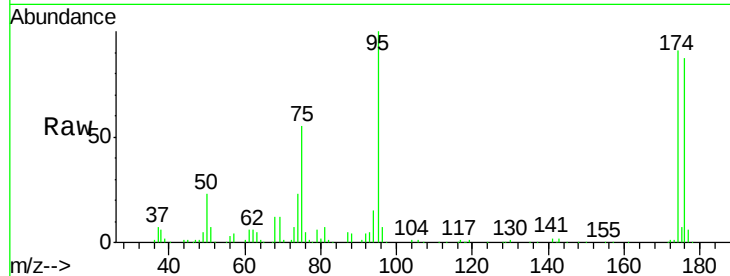




#76
 1,2,3-Trichloropropane
 Concen: 24.84 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. -0.16 min
 Lab File: VX000414.D
 Acq: 22 Mar 2018 18:37

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8S-031918

Tgt Ion: 75 Resp: 35849
 Ion Ratio Lower Upper
 75 100
 77 1.5 21.4 64.2#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.42 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.06 min
 Lab File: VX000414.D
 Acq: 22 Mar 2018 18:37

Tgt Ion: 75 Resp: 35849
 Ion Ratio Lower Upper
 75 100
 53 0.0 80.7 121.1#
 89 0.2 39.4 59.0#

