

Data File : VX000411.D

Acq On : 22 Mar 2018 17:20

Operator : JC/MD

Sample : J2005-06

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-1-031918

Quant Time: Mar 23 05:45:21 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	5.67	168	87624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	152559	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	153551	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	85939	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	62708	54.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.64%	
35) Dibromofluoromethane	5.52	113	49473	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
50) Toluene-d8	8.73	98	198008	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
62) 4-Bromofluorobenzene	11.15	95	75913	45.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.44%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	24758	24.34	ug/l	# 45
11) Tert butyl alcohol	3.07	59	102702	261.04	ug/l	# 99
13) Acrolein	2.28	56	260	16.53	ug/l	# 1
15) Acrylonitrile	3.18	53	886	1.11	ug/l	# 17
16) Acetone	2.45	43	10891	11.45	ug/l	# 91
17) Carbon Disulfide	2.58	76	2232	0.90	ug/l	# 90
18) Methyl Acetate	2.85	43	8657	4.34	ug/l	# 51
19) Methyl tert-butyl Ether	3.21	73	240207	68.38	ug/l	# 100
20) Methylene Chloride	2.87	84	222	0.20	ug/l	# 33
22) Diisopropyl ether	3.89	45	4951	1.67	ug/l	# 82
25) 2-Butanone	4.72	43	6355	5.94	ug/l	# 96
29) Tetrahydrofuran	5.17	42	177	0.27	ug/l	# 31
30) Chloroform	5.29	83	1306	0.75	ug/l	# 17
31) Cyclohexane	5.60	56	12990	9.00	ug/l	# 67
36) 1,1-Dichloropropene	5.68	75	7212	5.05	ug/l	# 51
37) Ethyl Acetate	4.72	43	6355	3.26	ug/l	# 69
38) Carbon Tetrachloride	5.67	117	8743	5.83	ug/l	# 18
39) Methylcyclohexane	7.47	83	32816	18.88	ug/l	# 84
40) Benzene	6.15	78	252021	60.73	ug/l	# 97
43) Isopropyl Acetate	6.46	43	4903	1.69	ug/l	# 54
47) Bromodichloromethane	7.85	83	1513	1.03	ug/l	# 66
48) Methyl methacrylate	7.74	41	7851	5.57	ug/l	# 56
51) 4-Methyl-2-Pentanone	8.66	43	7783	3.46	ug/l	# 72
52) Toluene	8.79	92	64217	22.13	ug/l	# 98
54) cis-1,3-Dichloropropene	8.79	75	880	0.53	ug/l	# 1
55) 1,1,2-Trichloroethane	9.27	97	1313	1.10	ug/l	# 28
56) Ethyl methacrylate	9.17	69	6577	3.64	ug/l	# 1
59) 2-Hexanone	9.51	43	2736	1.43	ug/l	# 94
67) Ethyl Benzene	10.26	91	1995641	344.51	ug/l	# 99
68) m/p-Xylenes	10.37	106	321418	141.01	ug/l	# 98
69) o-Xylene	10.71	106	79503	36.02	ug/l	# 99
70) Styrene	10.71	104	4576	1.25	ug/l	# 1
73) Isopropylbenzene	11.02	105	133715	23.48	ug/l	# 99
74) N-amyl acetate	6.46	43	4903	Below	Cal	# 59

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Instrument :
MSVOA_X
ClientSampleId :
MW-1-031918

Quant Time: Mar 23 05:45:21 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)
76) 1,2,3-Trichloropropane	11.37	75	2913	1.58	ug/l #	1
78) n-propylbenzene	11.37	91	438646	64.61	ug/l	98
79) 2-Chlorotoluene	11.46	91	26609	6.78	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.46	105	220088	45.97	ug/l	73
81) trans-1,4-Dichloro-2-buten	11.02	75	1873	3.28	ug/l #	50
82) 4-Chlorotoluene	11.46	91	26609	5.68	ug/l #	46
83) tert-Butylbenzene	11.82	119	283034	58.62	ug/l #	55
84) 1,2,4-Trimethylbenzene	11.82	105	2292368	456.68	ug/l	98
85) sec-Butylbenzene	11.82	105	2292233	383.66	ug/l #	56
86) p-Isopropyltoluene	12.07	119	43788	8.25	ug/l	97
89) n-Butylbenzene	12.38	91	51418	10.41	ug/l #	1
90) Hexachloroethane	12.60	117	63940	76.56	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	13.03	75	5940	10.58	ug/l #	1
95) Naphthalene	13.84	128	191259	27.24	ug/l	98

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

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Instrument :

MSVOA_X

ClientSampleId :

MW-1-031918

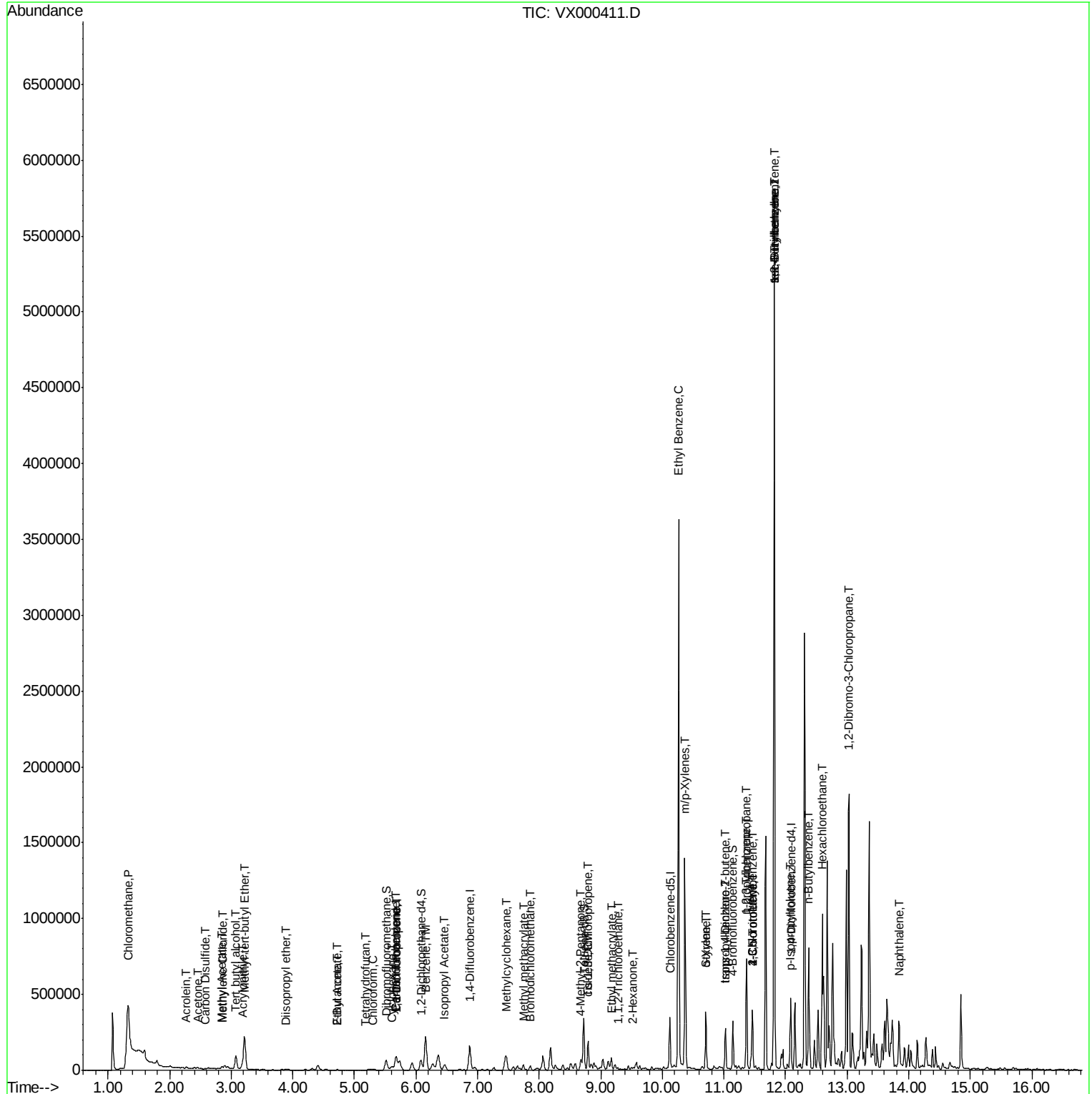
Quant Time: Mar 23 05:45:21 2018

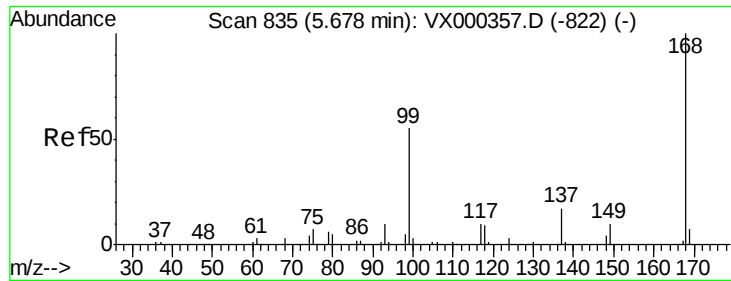
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M

Quant Title : SW846 8260

QLast Update : Wed Mar 21 04:52:42 2018

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000411.D

Acq: 22 Mar 2018 17:20

Instrument :

MSVOA_X

ClientSampleId :

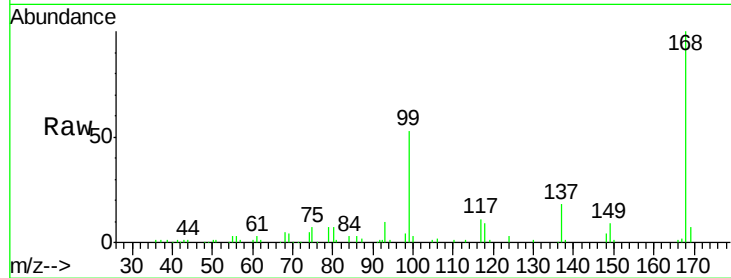
MW-1-031918

Tgt Ion:168 Resp: 87624

Ion Ratio Lower Upper

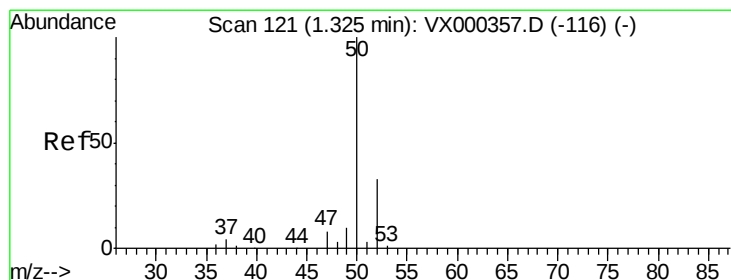
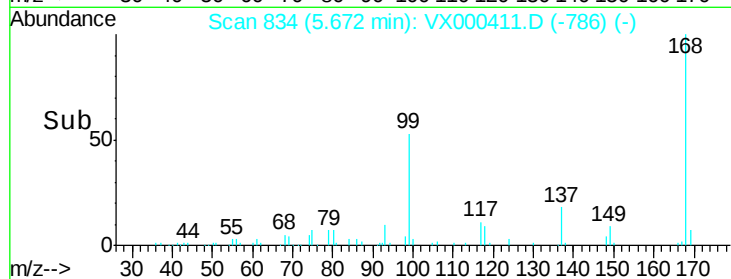
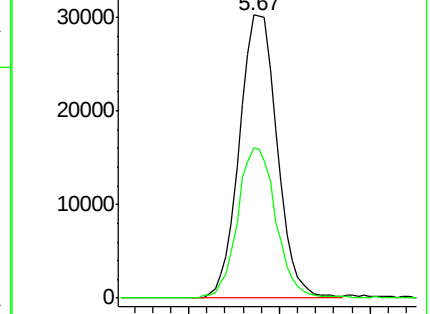
168 100

99 53.3 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 24.34 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000411.D

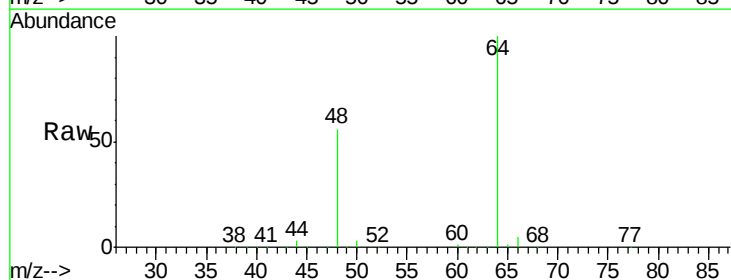
Acq: 22 Mar 2018 17:20

Tgt Ion: 50 Resp: 24758

Ion Ratio Lower Upper

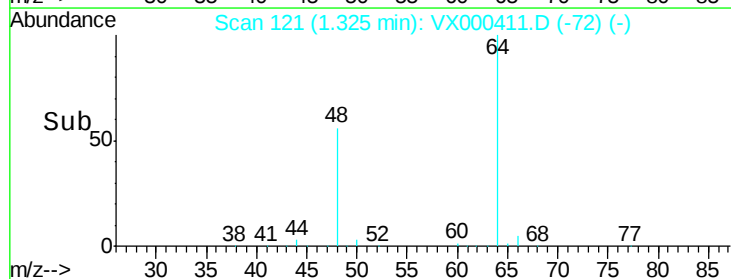
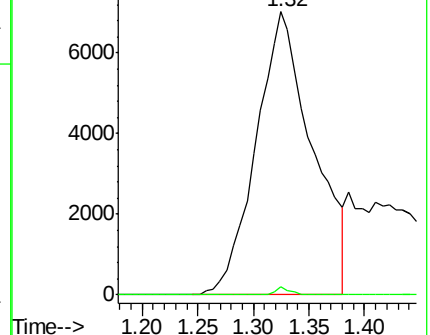
50 100

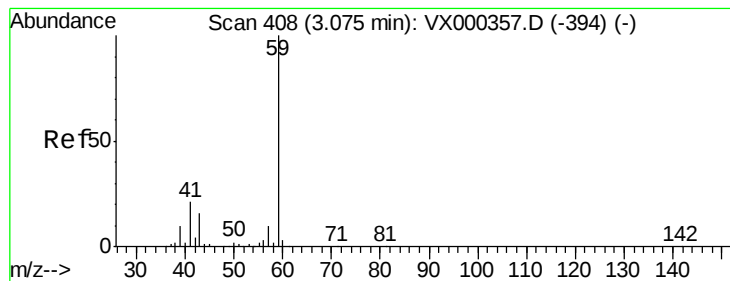
52 2.8 27.5 41.3#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



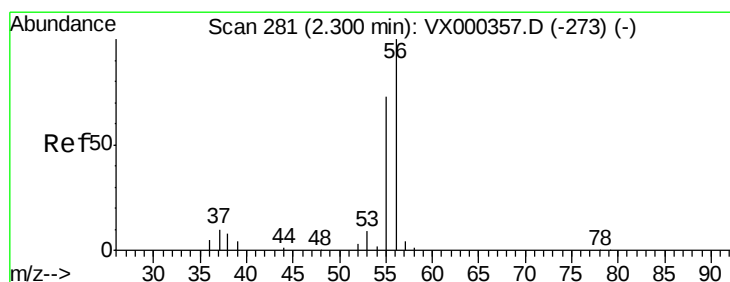
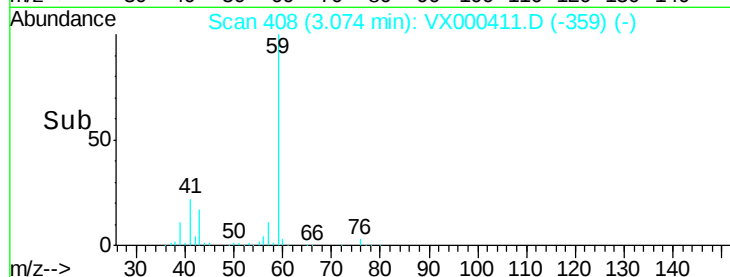
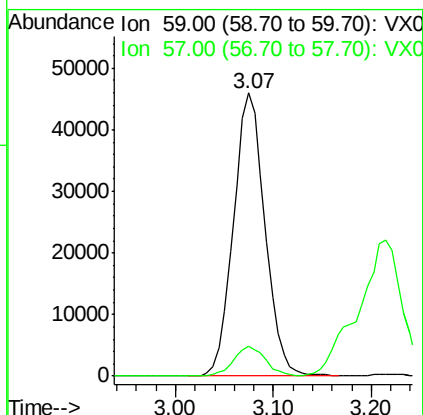
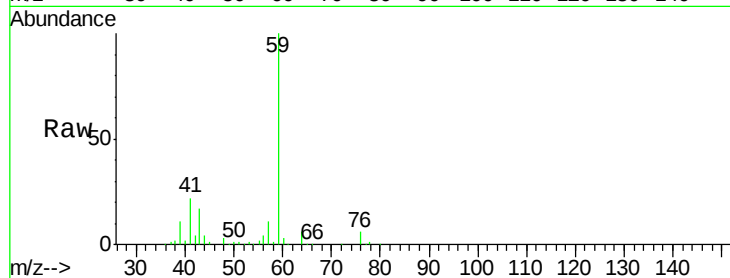


#11

Tert butyl alcohol
 Concen: 261.04 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.00 min
 Lab File: VX000411.D
 Acq: 22 Mar 2018 17:20

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1-031918

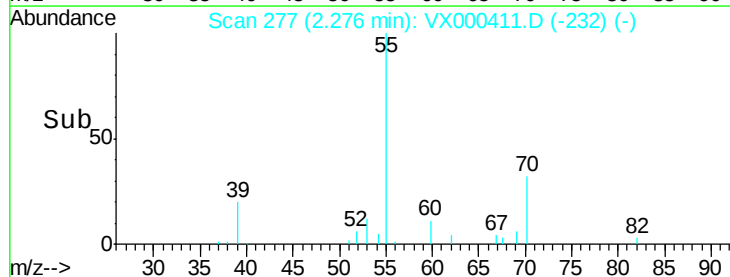
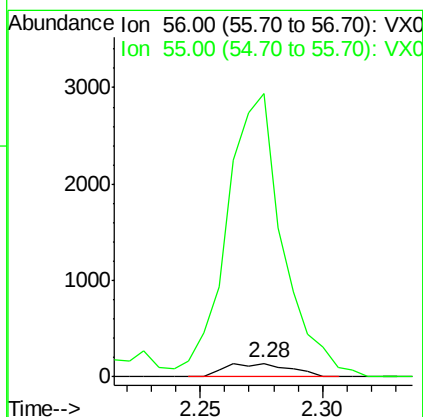
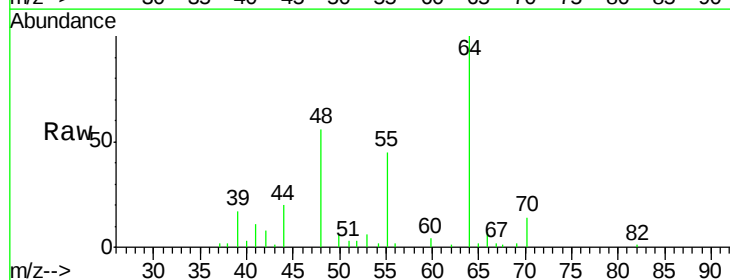
Tgt Ion: 59 Resp: 102702
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.4 12.6

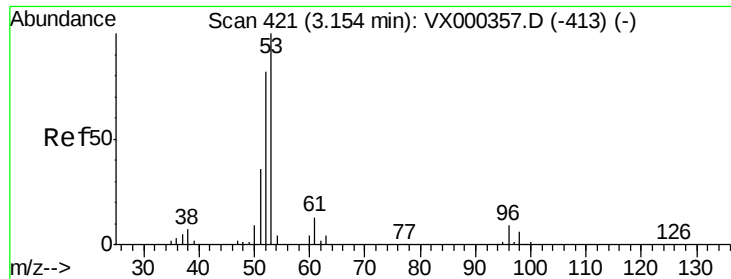


#13

Acrolein
 Concen: 16.53 ug/l
 RT: 2.28 min Scan# 277
 Delta R.T. -0.02 min
 Lab File: VX000411.D
 Acq: 22 Mar 2018 17:20

Tgt Ion: 56 Resp: 260
 Ion Ratio Lower Upper
 56 100
 55 1807.7 58.8 88.2#





#15

Acrylonitrile

Concen: 1.11 ug/l

RT: 3.18 min Scan# 425

Delta R.T. 0.02 min

Lab File: VX000411.D

Acq: 22 Mar 2018 17:20

Instrument :

MSVOA_X

ClientSampleId :

MW-1-031918

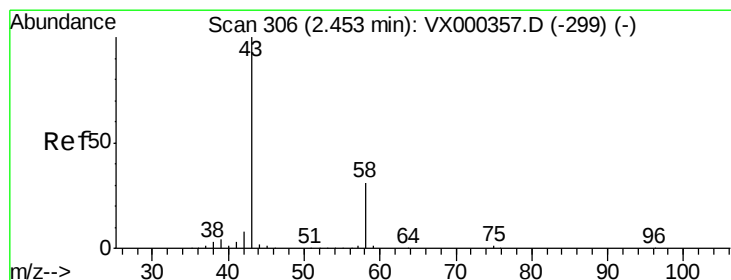
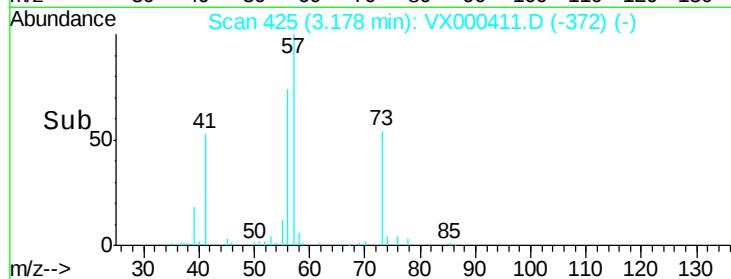
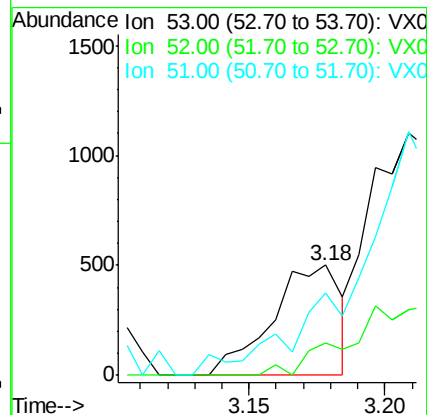
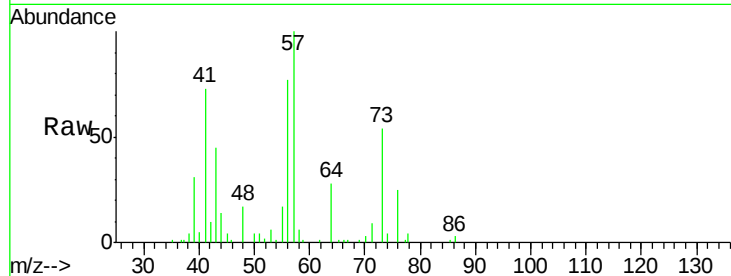
Tgt Ion: 53 Resp: 886

Ion Ratio Lower Upper

53 100

52 0.0 66.6 99.8#

51 0.0 29.3 43.9#



#16

Acetone

Concen: 11.45 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000411.D

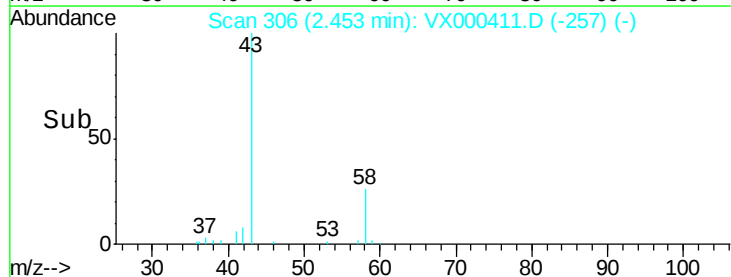
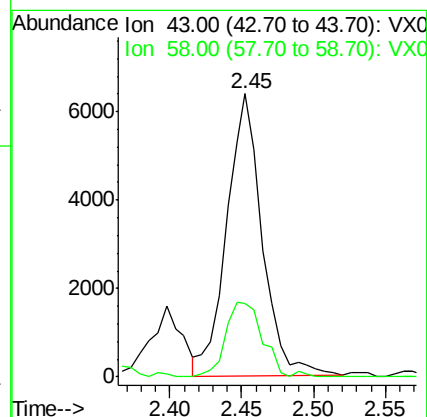
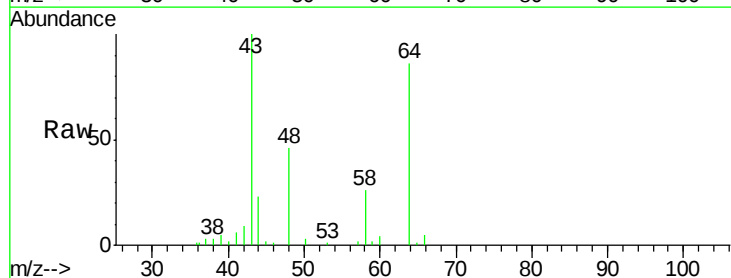
Acq: 22 Mar 2018 17:20

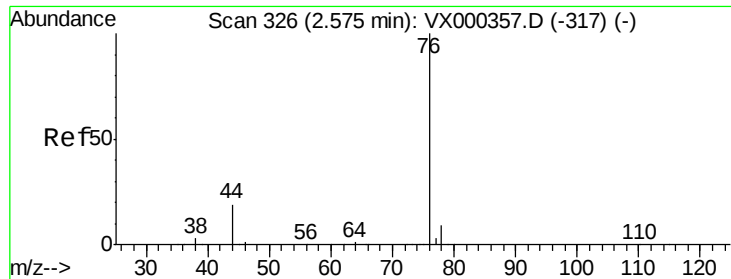
Tgt Ion: 43 Resp: 10891

Ion Ratio Lower Upper

43 100

58 26.1 24.7 37.1





#17

Carbon Disulfide

Concen: 0.90 ug/l

RT: 2.58 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX000411.D

Acq: 22 Mar 2018 17:20

Instrument :

MSVOA_X

ClientSampleId :

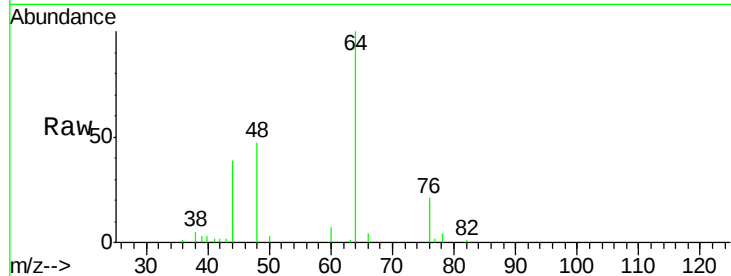
MW-1-031918

Tgt Ion: 76 Resp: 2232

Ion Ratio Lower Upper

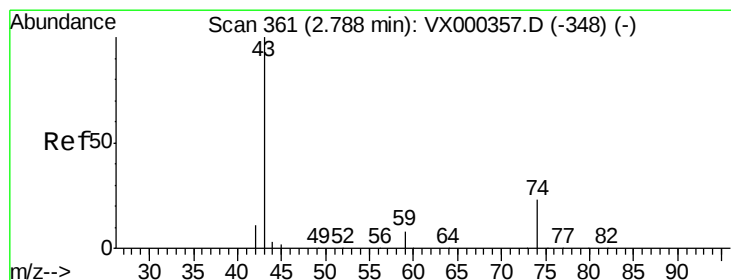
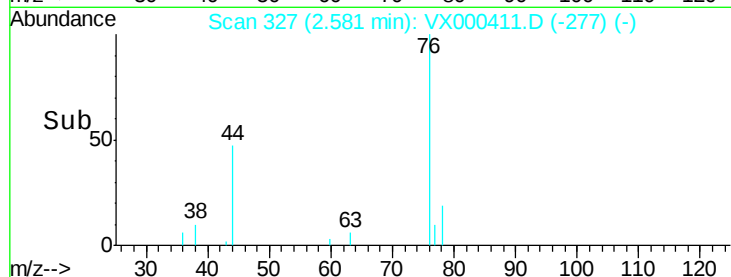
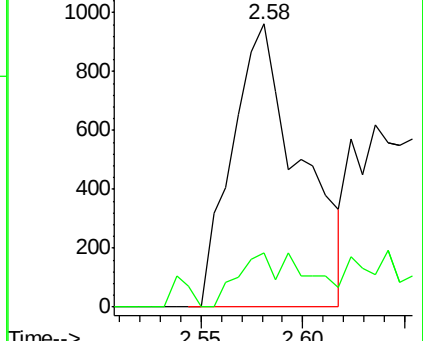
76 100

78 12.4 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 4.34 ug/l

RT: 2.85 min Scan# 371

Delta R.T. 0.06 min

Lab File: VX000411.D

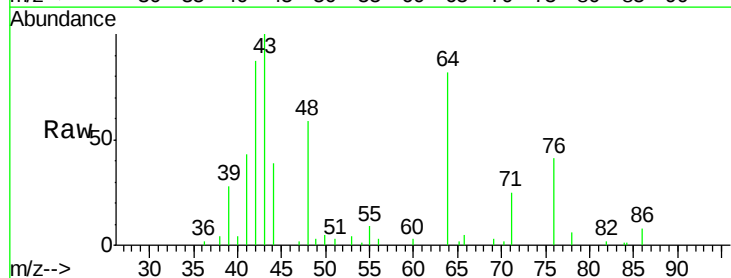
Acq: 22 Mar 2018 17:20

Tgt Ion: 43 Resp: 8657

Ion Ratio Lower Upper

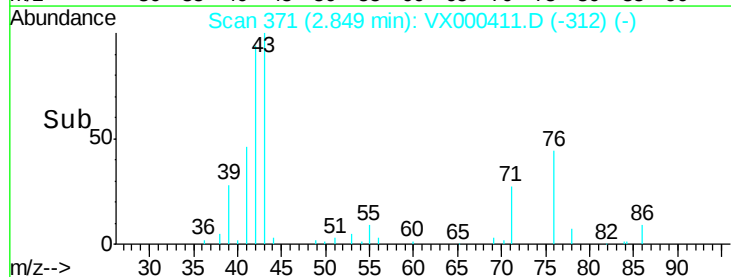
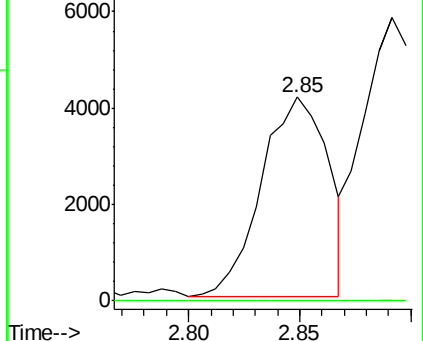
43 100

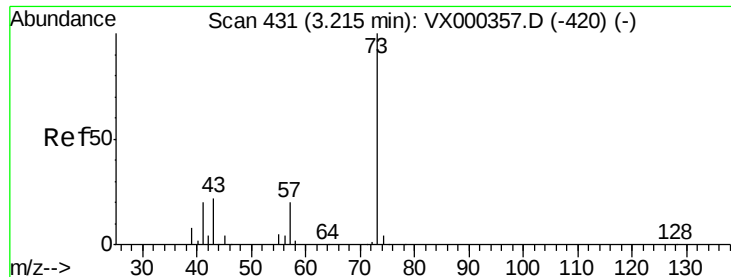
74 0.0 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 68.38 ug/l

RT: 3.21 min Scan# 431

Delta R.T. -0.00 min

Lab File: VX000411.D

Acq: 22 Mar 2018 17:20

Instrument :

MSVOA_X

ClientSampled :

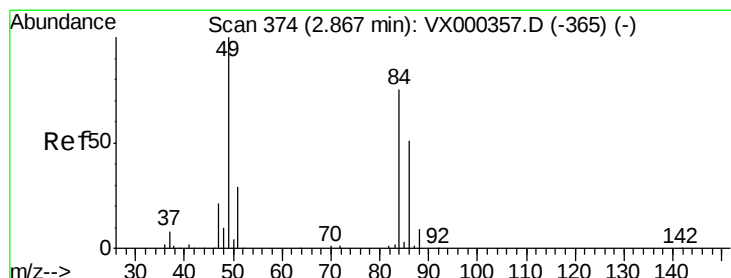
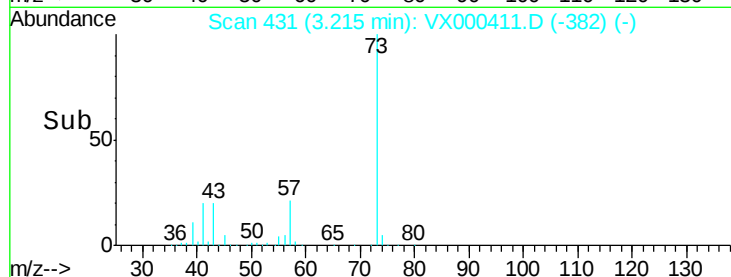
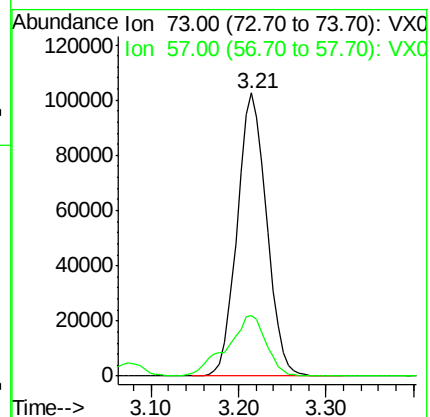
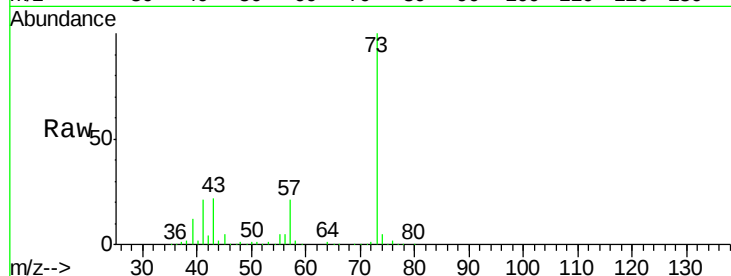
MW-1-031918

Tgt Ion: 73 Resp: 240207

Ion Ratio Lower Upper

73 100

57 21.5 17.2 25.8



#20

Methylene Chloride

Concen: 0.20 ug/l

RT: 2.87 min Scan# 374

Delta R.T. -0.00 min

Lab File: VX000411.D

Acq: 22 Mar 2018 17:20

Tgt Ion: 84 Resp: 222

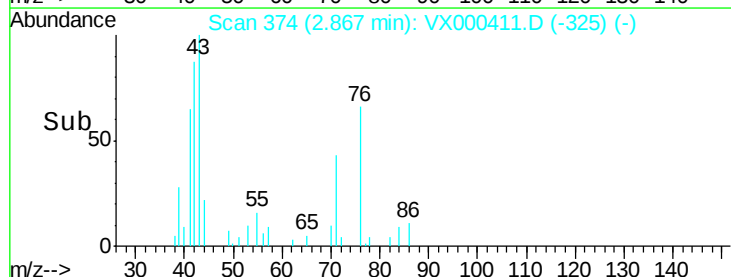
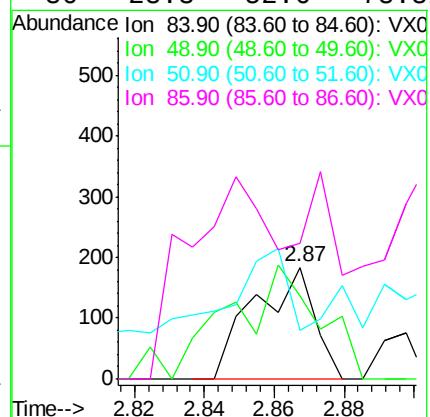
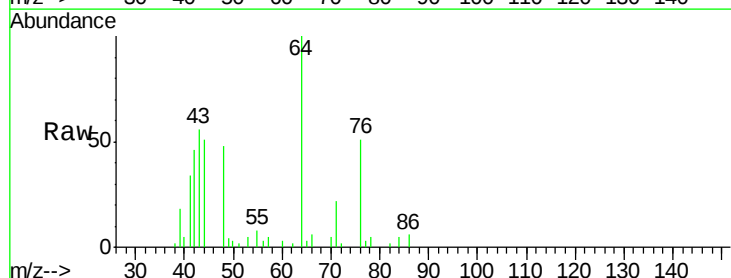
Ion Ratio Lower Upper

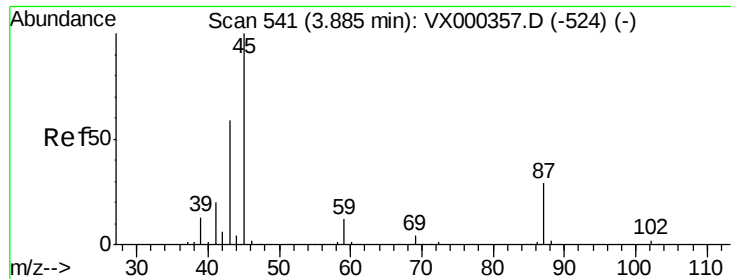
84 100

49 37.5 100.6 151.0#

51 0.0 31.6 47.4#

86 28.3 52.6 78.8#





#22

Diisopropyl ether

Concen: 1.67 ug/l

RT: 3.89 min Scan# 541

Delta R.T. -0.00 min

Lab File: VX000411.D

Acq: 22 Mar 2018 17:20

Instrument :

MSVOA_X

ClientSampleId :

MW-1-031918

Tgt Ion: 45 Resp: 4951

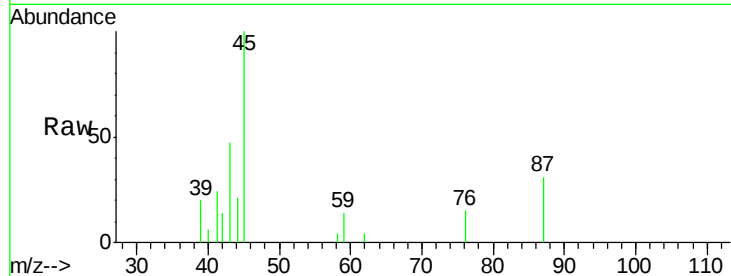
Ion Ratio Lower Upper

45 100

43 47.4 53.9 80.9#

87 31.2 22.6 34.0

59 14.0 9.5 14.3

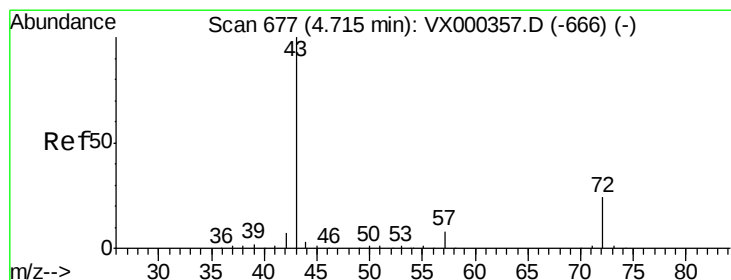
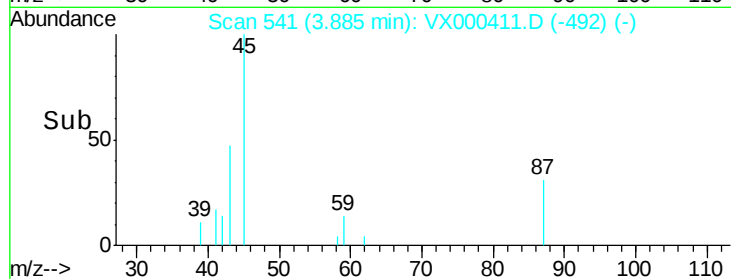
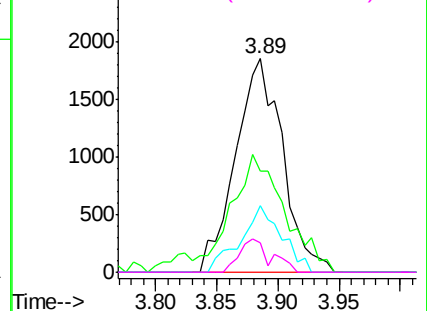


Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0



#25

2-Butanone

Concen: 5.94 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX000411.D

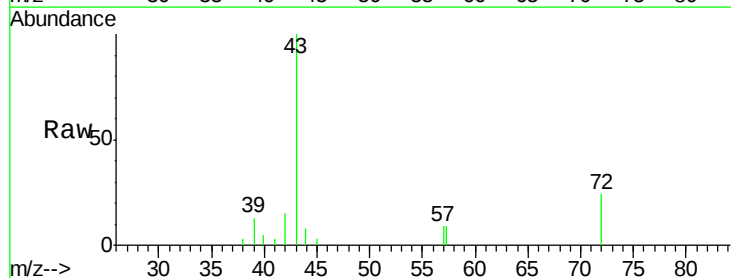
Acq: 22 Mar 2018 17:20

Tgt Ion: 43 Resp: 6355

Ion Ratio Lower Upper

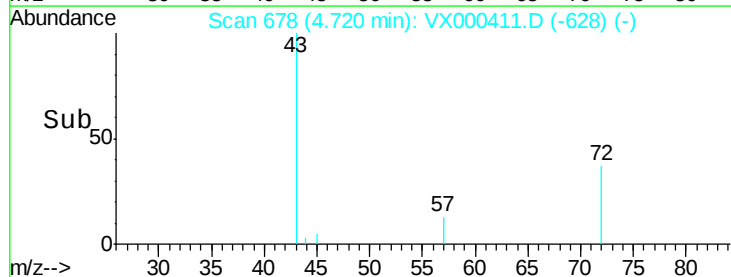
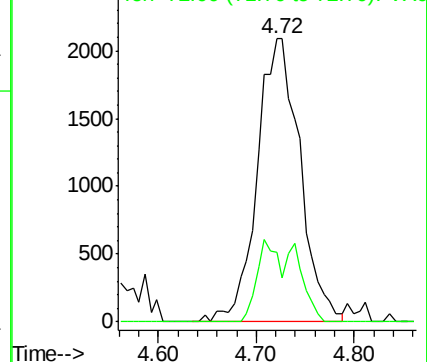
43 100

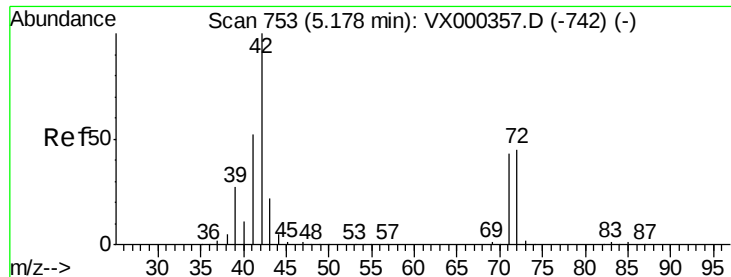
72 24.4 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

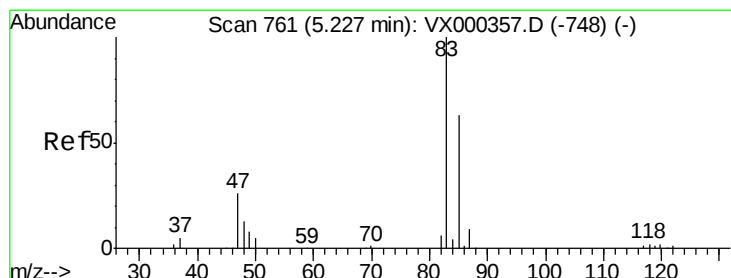
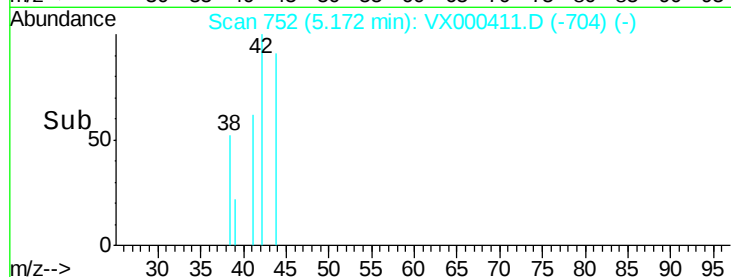
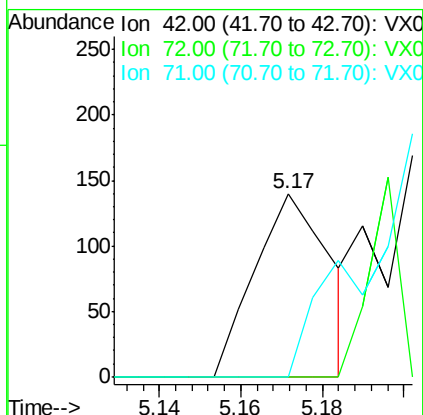
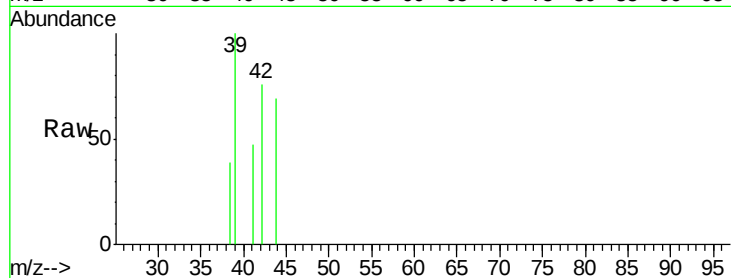




#29
Tetrahydrofuran
Concen: 0.27 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX000411.D
Acq: 22 Mar 2018 17:20

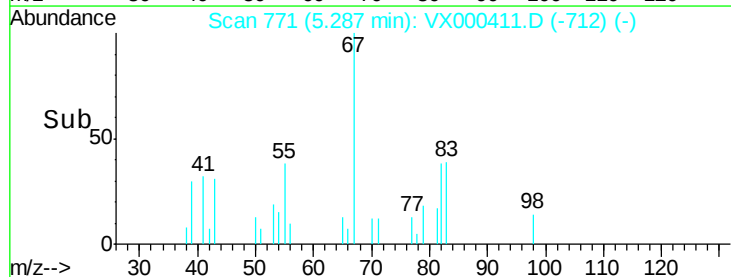
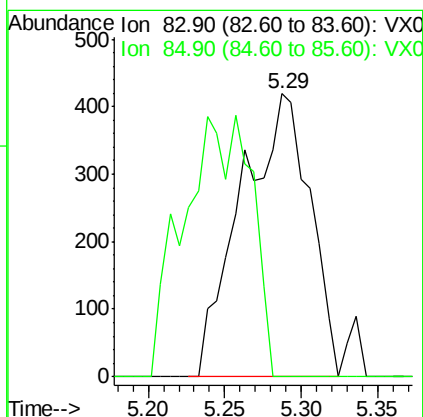
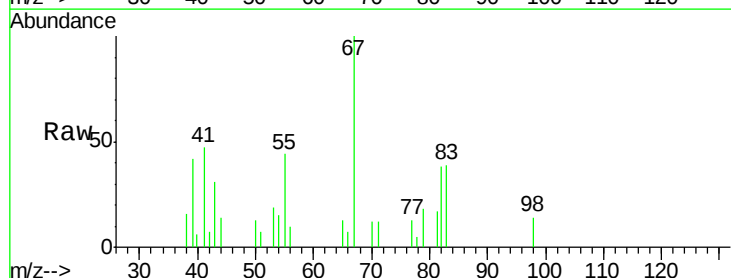
Instrument :
MSVOA_X
ClientSampleId :
MW-1-031918

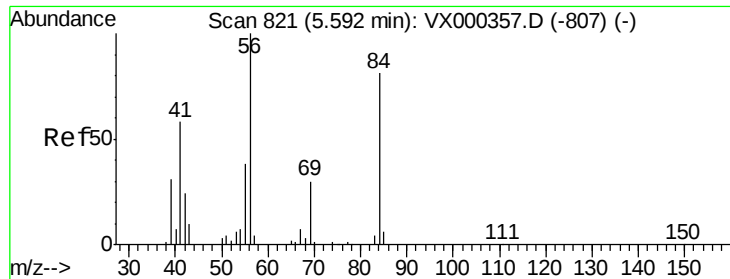
Tgt Ion: 42 Resp: 177
Ion Ratio Lower Upper
42 100
72 0.0 37.9 56.9#
71 0.0 34.4 51.6#



#30
Chloroform
Concen: 0.75 ug/l
RT: 5.29 min Scan# 771
Delta R.T. 0.06 min
Lab File: VX000411.D
Acq: 22 Mar 2018 17:20

Tgt Ion: 83 Resp: 1306
Ion Ratio Lower Upper
83 100
85 0.0 53.3 79.9#

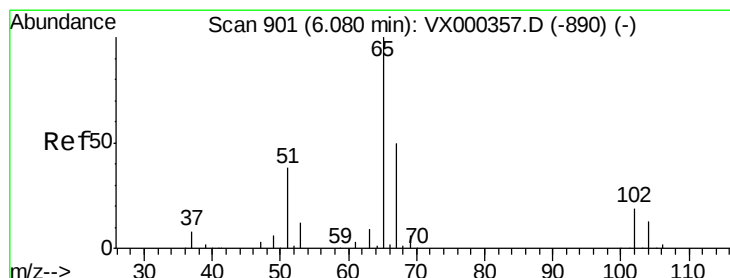
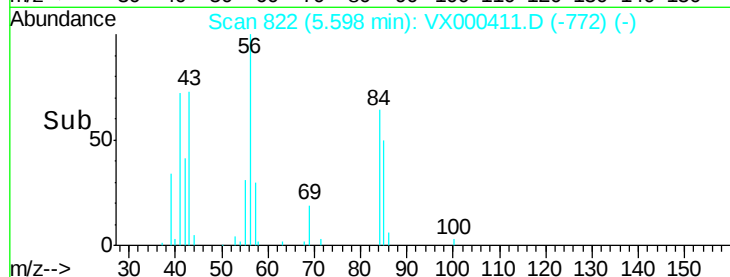
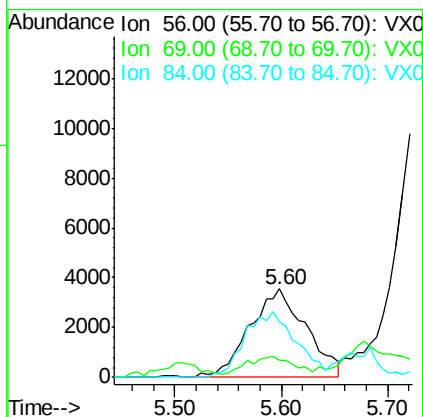
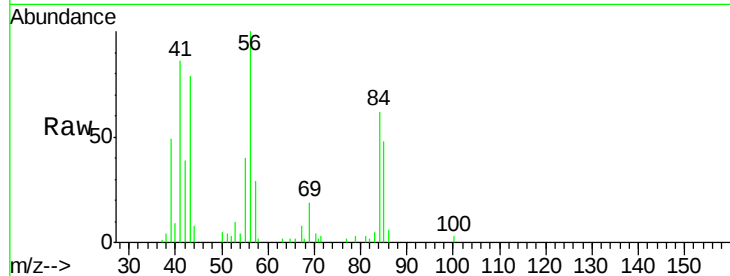




#31
Cyclohexane
Concen: 9.00 ug/l
RT: 5.60 min Scan# 822
Delta R.T. 0.01 min
Lab File: VX000411.D
Acq: 22 Mar 2018 17:20

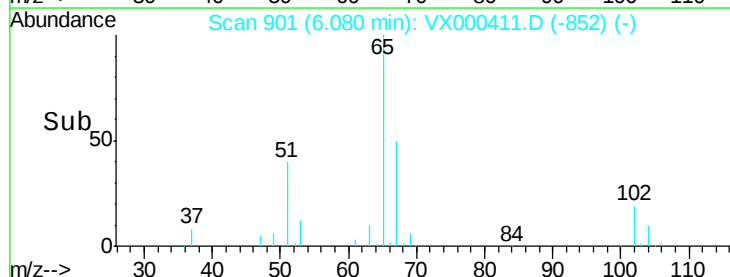
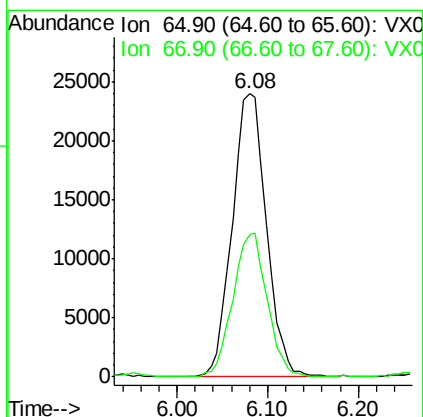
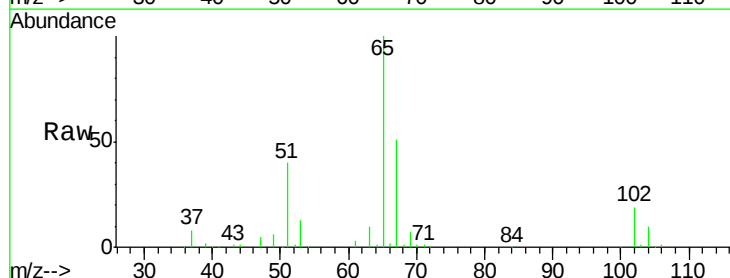
Instrument :
MSVOA_X
ClientSampleId :
MW-1-031918

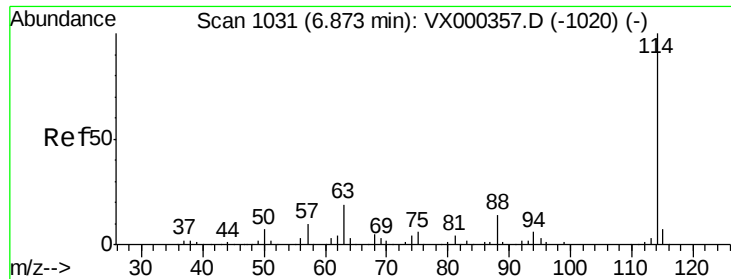
Tgt Ion: 56 Resp: 12990
Ion Ratio Lower Upper
56 100
69 5.0 23.4 35.0#
84 62.1 71.0 106.4#



#33
1,2-Dichloroethane-d4
Concen: 54.82 ug/l
RT: 6.08 min Scan# 901
Delta R.T. -0.00 min
Lab File: VX000411.D
Acq: 22 Mar 2018 17:20

Tgt Ion: 65 Resp: 62708
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.2

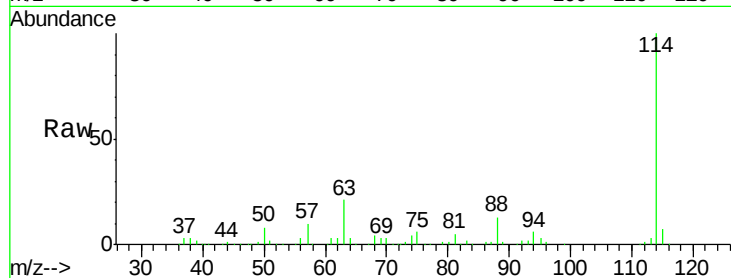




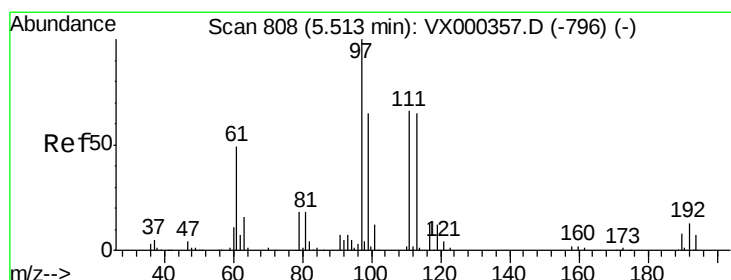
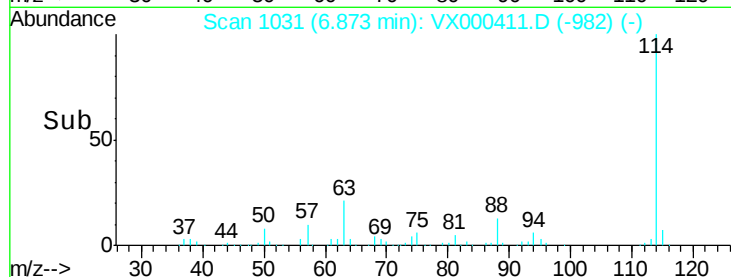
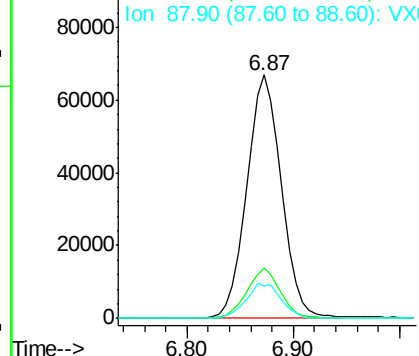
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000411.D
 Acq: 22 Mar 2018 17:20

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1-031918

Tgt Ion:114 Resp: 152559
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 38.4
 88 13.5 0.0 27.0

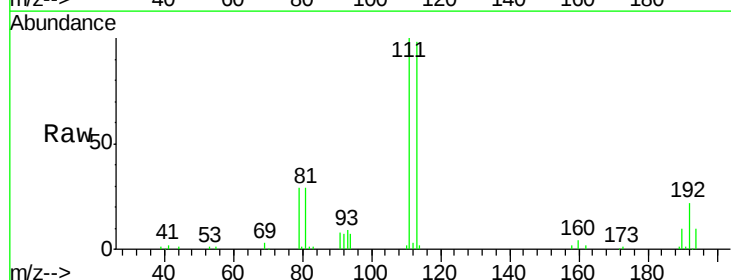


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

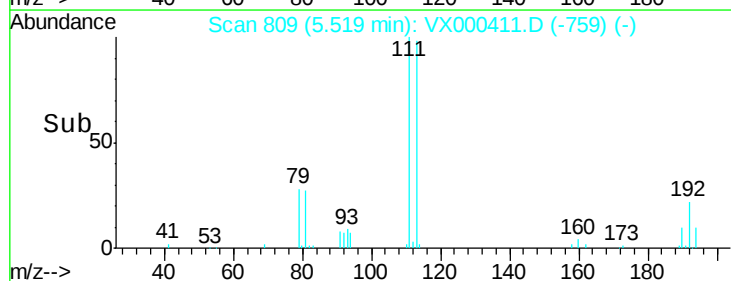
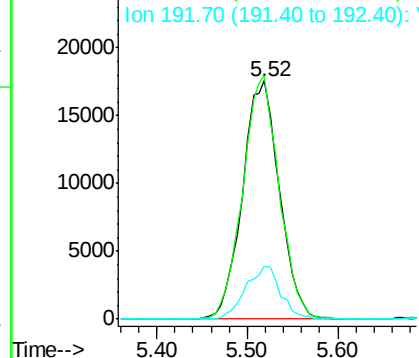


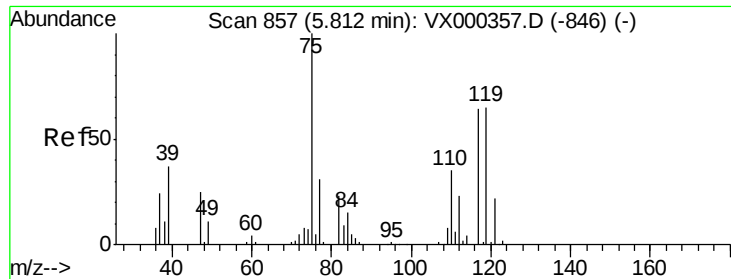
#35
 Dibromofluoromethane
 Concen: 51.47 ug/l
 RT: 5.52 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: VX000411.D
 Acq: 22 Mar 2018 17:20

Tgt Ion:113 Resp: 49473
 Ion Ratio Lower Upper
 113 100
 111 100.8 82.4 123.6
 192 21.0 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

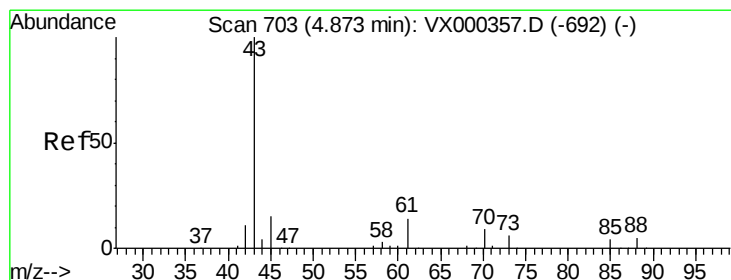
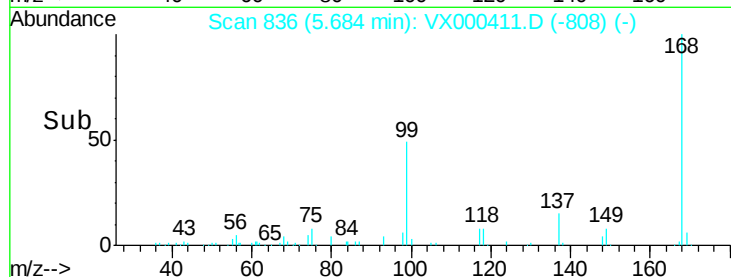
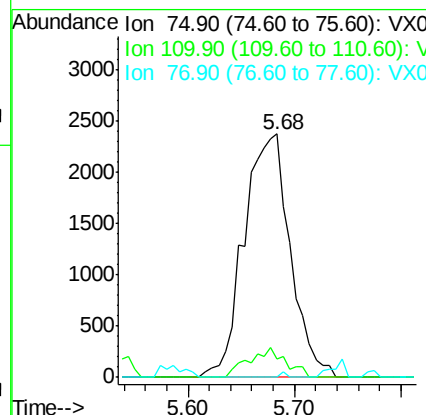
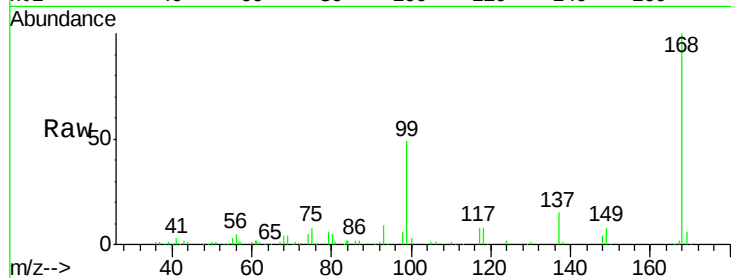




#36
 1,1-Dichloropropene
 Concen: 5.05 ug/l
 RT: 5.68 min Scan# 836
 Delta R.T. -0.13 min
 Lab File: VX000411.D
 Acq: 22 Mar 2018 17:20

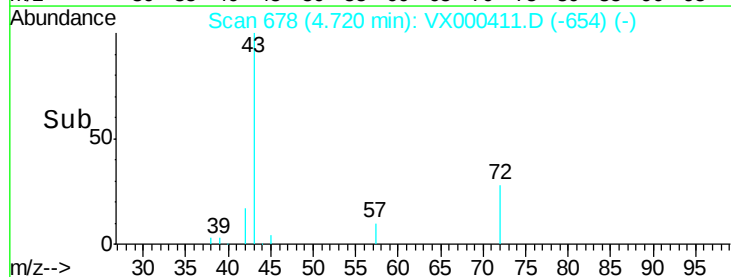
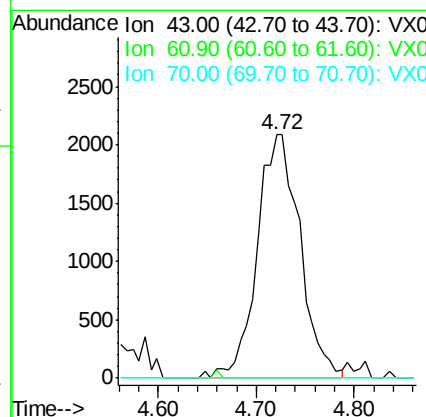
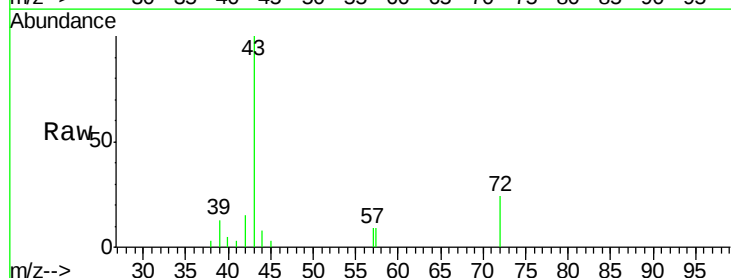
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1-031918

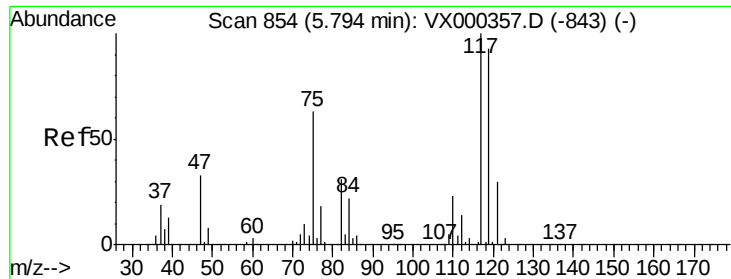
Tgt Ion: 75 Resp: 7212
 Ion Ratio Lower Upper
 75 100
 110 9.7 17.9 53.7#
 77 0.0 24.0 36.0#



#37
 Ethyl Acetate
 Concen: 3.26 ug/l
 RT: 4.72 min Scan# 678
 Delta R.T. -0.15 min
 Lab File: VX000411.D
 Acq: 22 Mar 2018 17:20

Tgt Ion: 43 Resp: 6355
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.1 16.7#
 70 0.0 7.7 11.5#

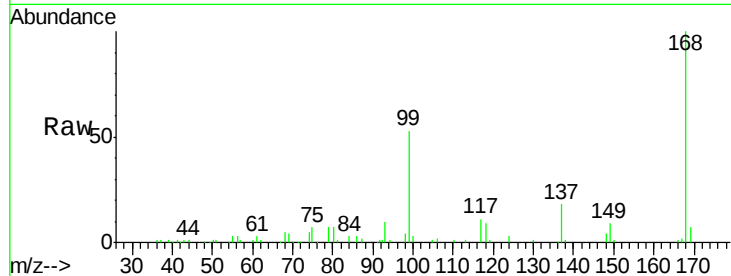




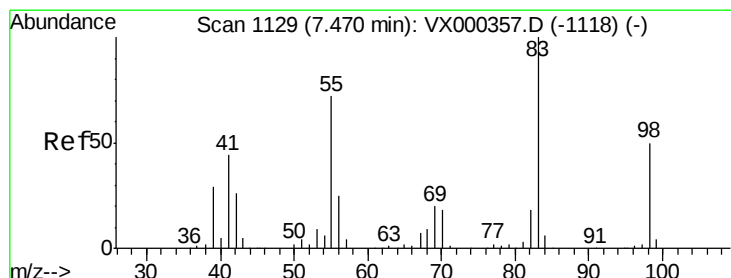
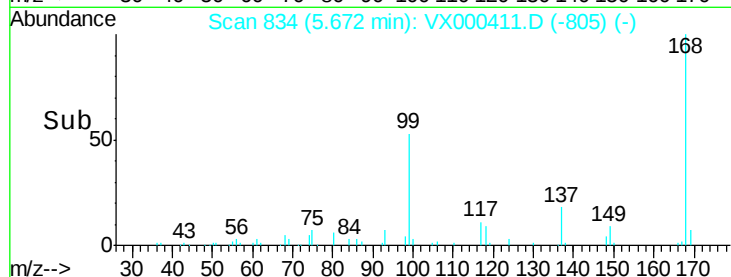
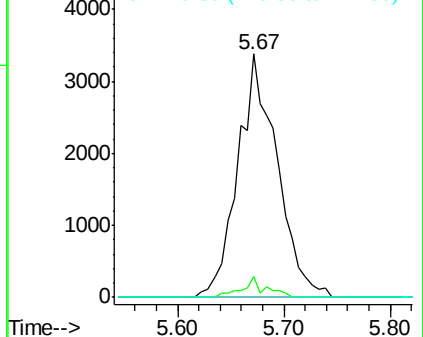
#38
Carbon Tetrachloride
Concen: 5.83 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX000411.D
Acq: 22 Mar 2018 17:20

Instrument :
MSVOA_X
ClientSampleId :
MW-1-031918

Tgt Ion: 117 Resp: 8743
Ion Ratio Lower Upper
117 100
119 8.5 77.4 116.2#
121 0.0 24.8 37.2#

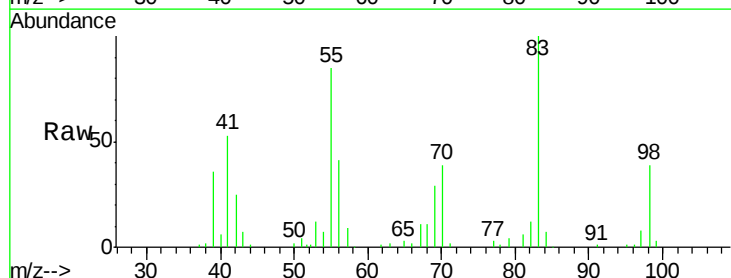


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

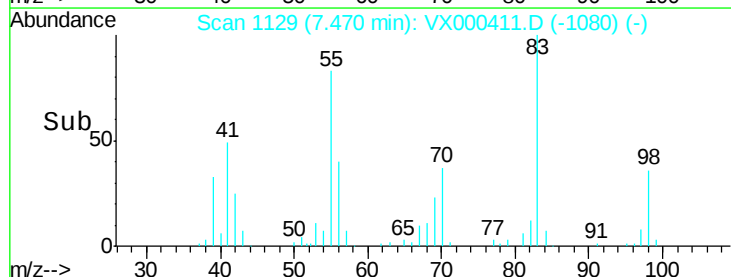
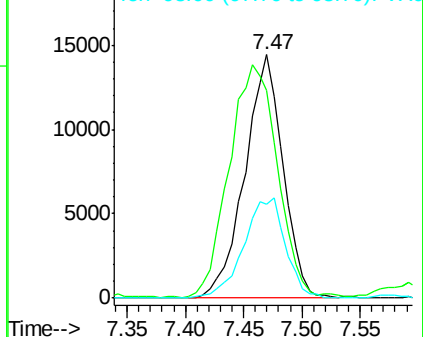


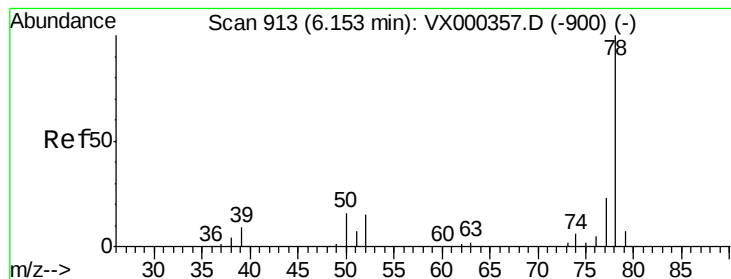
#39
Methylcyclohexane
Concen: 18.88 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000411.D
Acq: 22 Mar 2018 17:20

Tgt Ion: 83 Resp: 32816
Ion Ratio Lower Upper
83 100
55 84.3 55.5 83.3#
98 38.6 38.2 57.4



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 60.73 ug/l

RT: 6.15 min Scan# 913

Delta R.T. -0.00 min

Lab File: VX000411.D

Acq: 22 Mar 2018 17:20

Instrument :

MSVOA_X

ClientSampled :

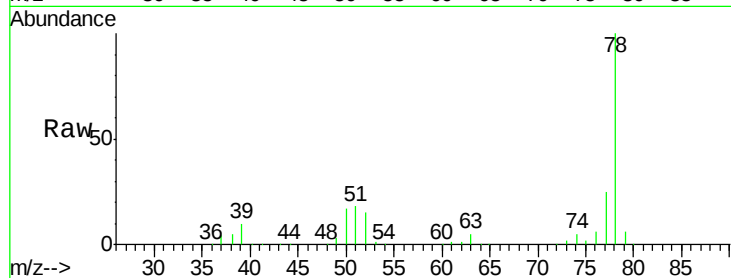
MW-1-031918

Tgt Ion: 78 Resp: 252021

Ion Ratio Lower Upper

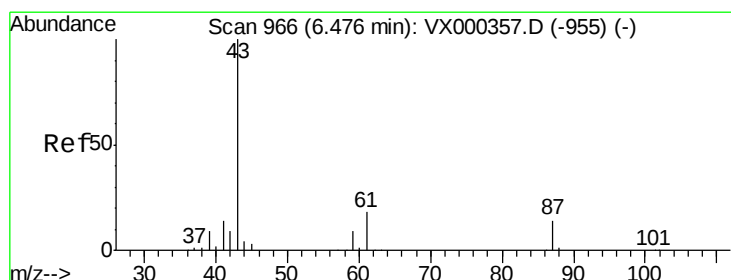
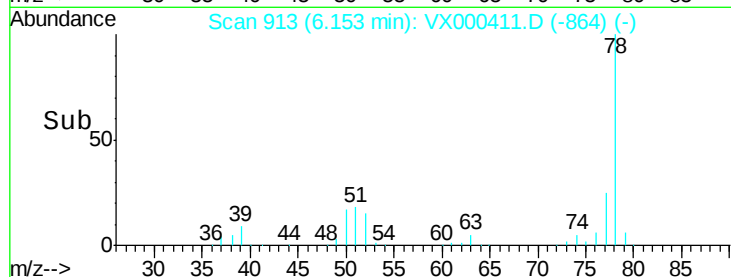
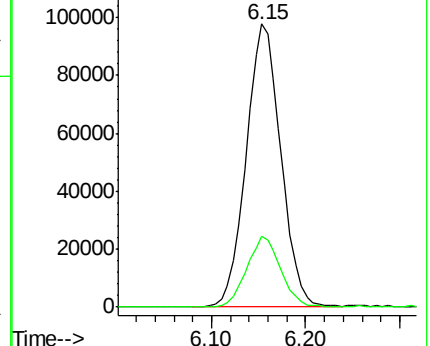
78 100

77 25.0 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#43

Isopropyl Acetate

Concen: 1.69 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX000411.D

Acq: 22 Mar 2018 17:20

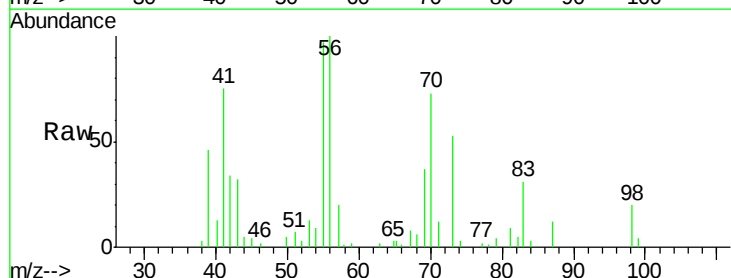
Tgt Ion: 43 Resp: 4903

Ion Ratio Lower Upper

43 100

61 0.0 14.4 21.6#

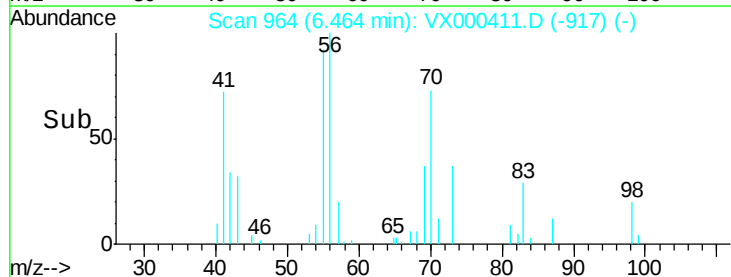
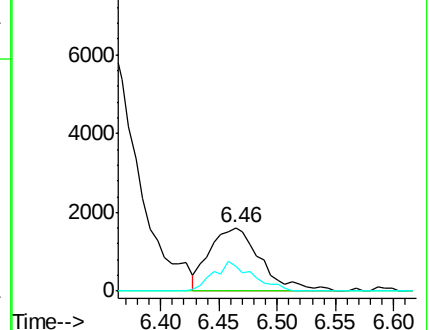
87 35.4 11.0 16.4#

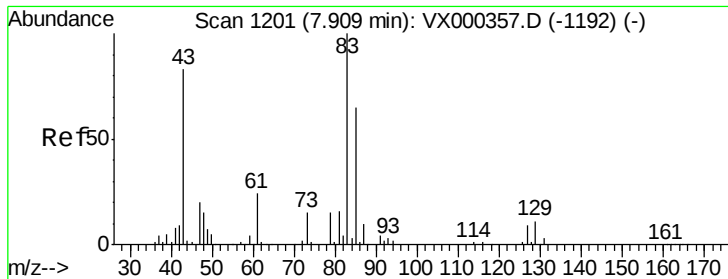


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#47

Bromodichloromethane

Concen: 1.03 ug/l

RT: 7.85 min Scan# 1192

Delta R.T. -0.06 min

Lab File: VX000411.D

Acq: 22 Mar 2018 17:20

Instrument :

MSVOA_X

ClientSampleId :

MW-1-031918

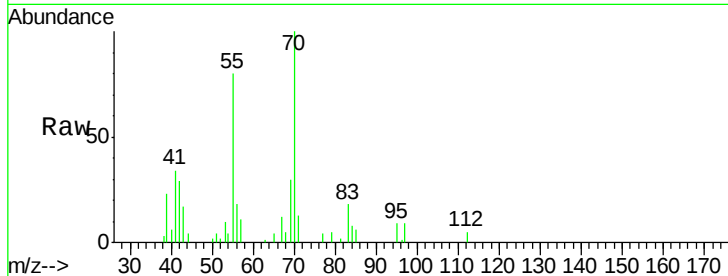
Tgt Ion: 83 Resp: 1513

Ion Ratio Lower Upper

83 100

85 36.4 51.4 77.0#

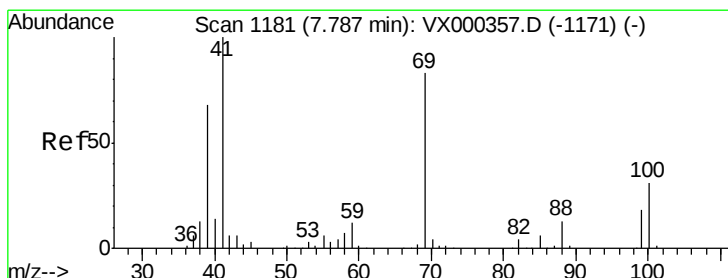
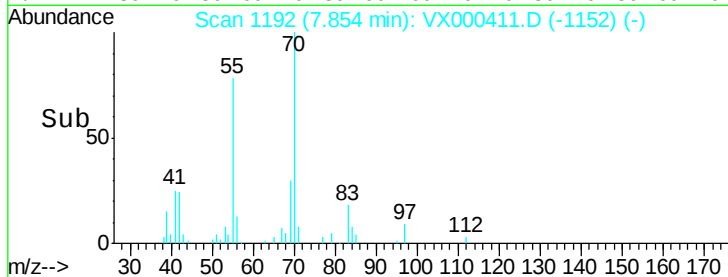
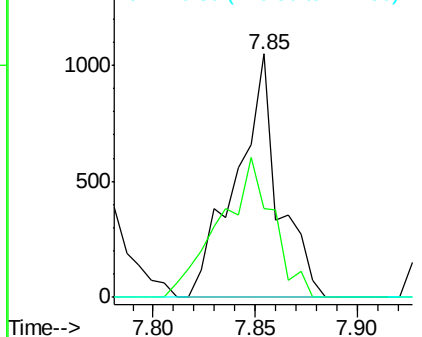
127 0.0 7.0 10.6#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 5.57 ug/l

RT: 7.74 min Scan# 1173

Delta R.T. -0.05 min

Lab File: VX000411.D

Acq: 22 Mar 2018 17:20

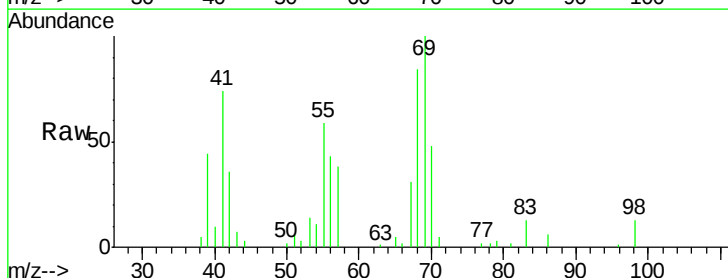
Tgt Ion: 41 Resp: 7851

Ion Ratio Lower Upper

41 100

69 139.4 68.2 102.4#

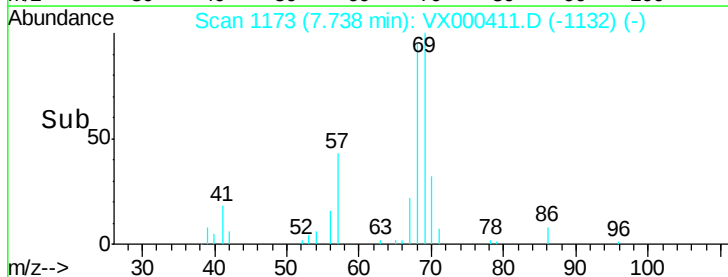
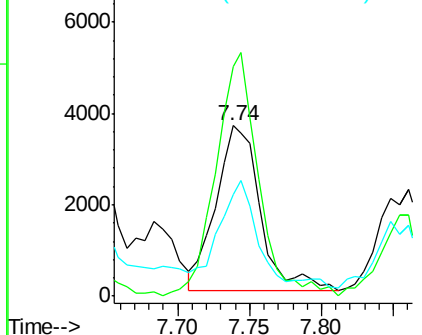
39 48.4 54.6 81.8#

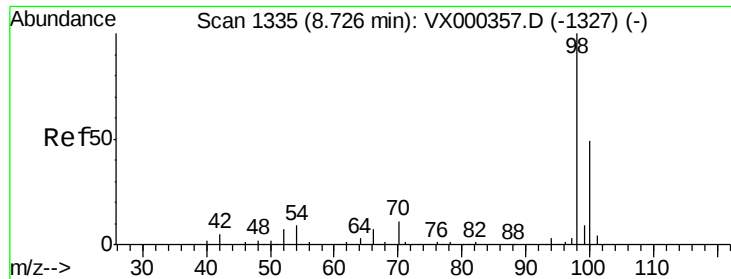


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

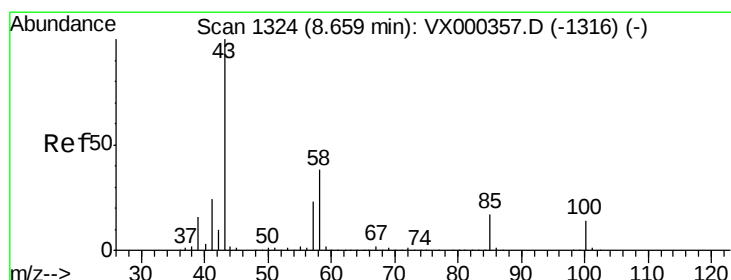
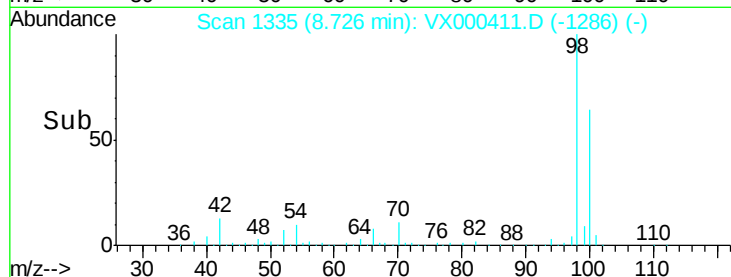
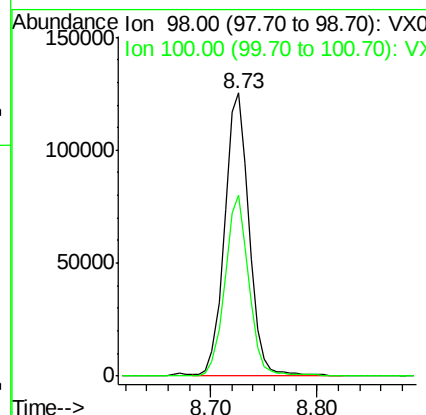
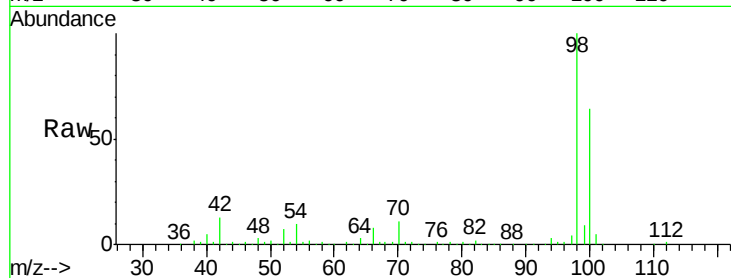




#50
Toluene-d8
Concen: 49.74 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000411.D
Acq: 22 Mar 2018 17:20

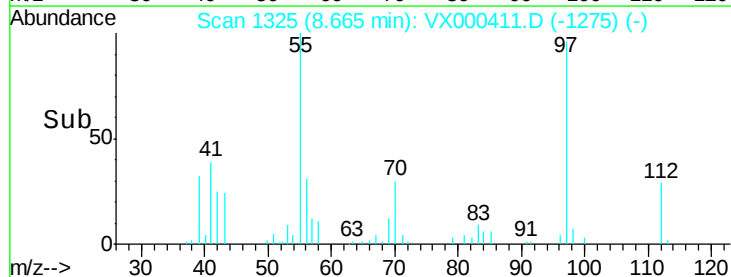
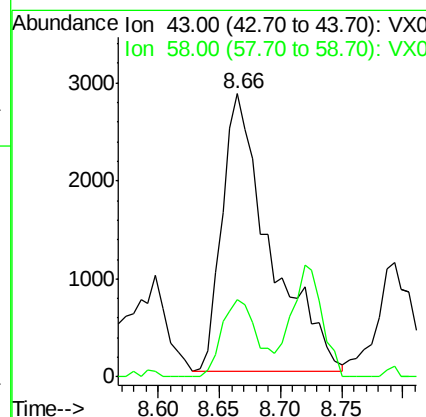
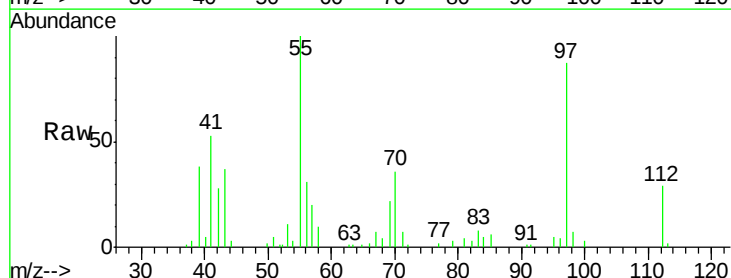
Instrument :
MSVOA_X
ClientSampleId :
MW-1-031918

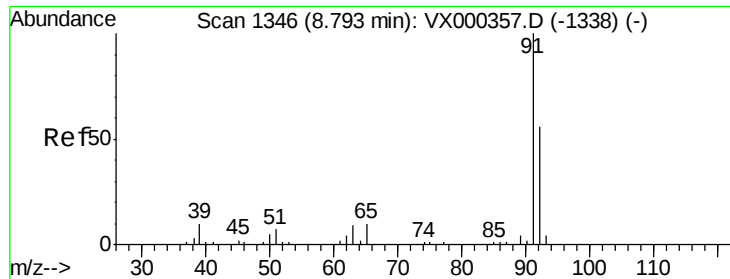
Tgt Ion: 98 Resp: 198008
Ion Ratio Lower Upper
98 100
100 63.1 51.2 76.8



#51
4-Methyl-2-Pentanone
Concen: 3.46 ug/l
RT: 8.66 min Scan# 1325
Delta R.T. 0.01 min
Lab File: VX000411.D
Acq: 22 Mar 2018 17:20

Tgt Ion: 43 Resp: 7783
Ion Ratio Lower Upper
43 100
58 20.9 30.3 45.5#





#52

Toluene

Concen: 22.13 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000411.D

Acq: 22 Mar 2018 17:20

Instrument :

MSVOA_X

ClientSampleId :

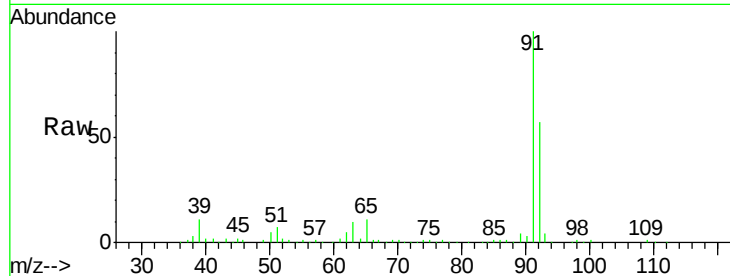
MW-1-031918

Tgt Ion: 92 Resp: 64217

Ion Ratio Lower Upper

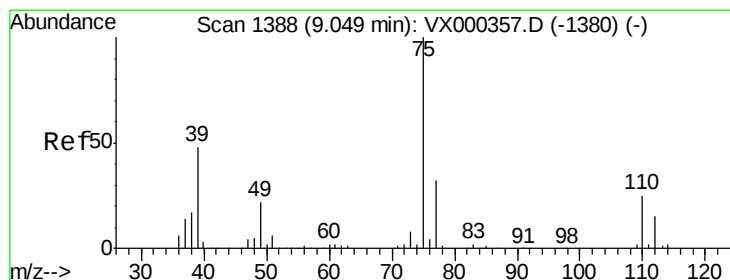
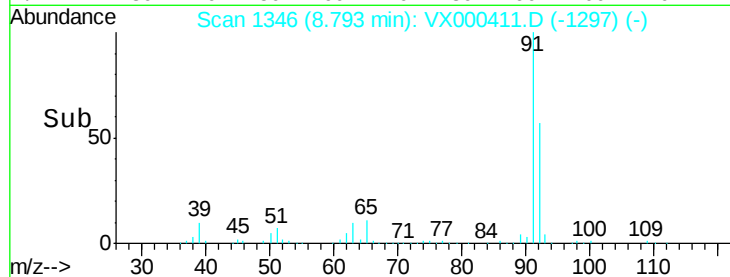
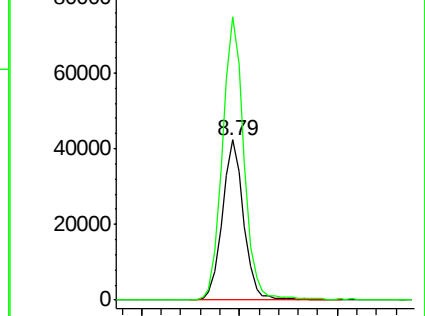
92 100

91 178.3 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#54

cis-1,3-Dichloropropene

Concen: 0.53 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.26 min

Lab File: VX000411.D

Acq: 22 Mar 2018 17:20

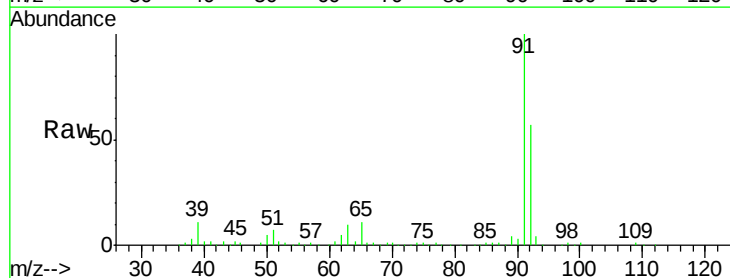
Tgt Ion: 75 Resp: 880

Ion Ratio Lower Upper

75 100

77 139.1 26.1 39.1#

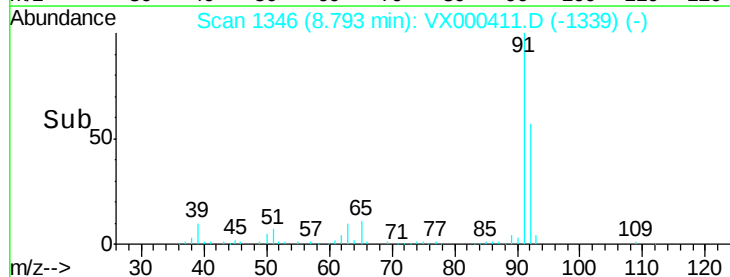
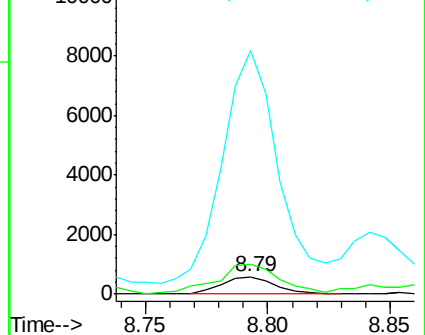
39 1239.1 39.8 59.6#

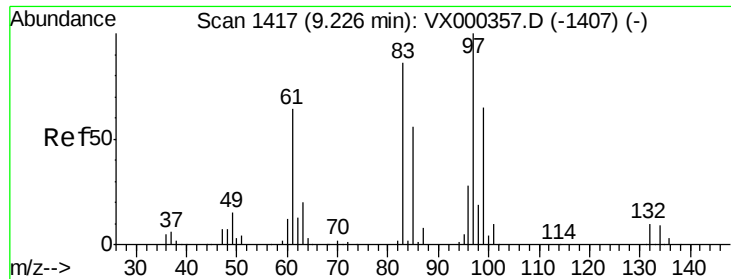


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

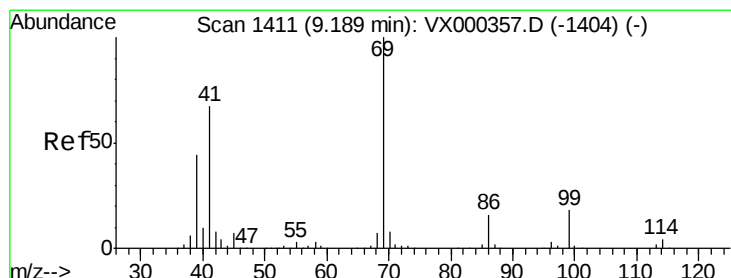
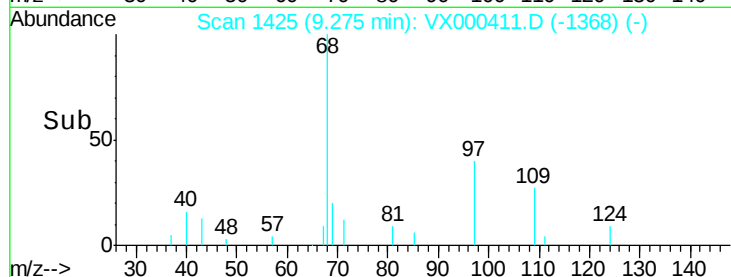
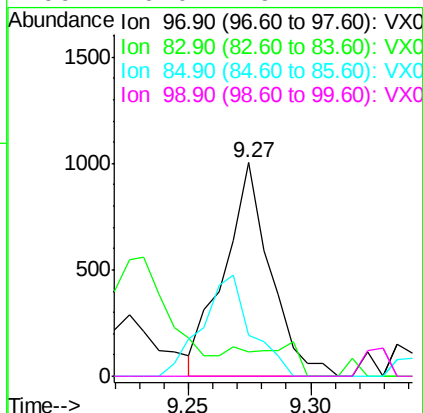
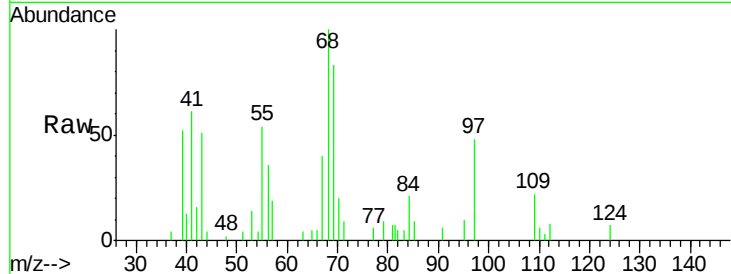




#55
 1,1,2-Trichloroethane
 Concen: 1.10 ug/l
 RT: 9.27 min Scan# 1425
 Delta R.T. 0.05 min
 Lab File: VX000411.D
 Acq: 22 Mar 2018 17:20

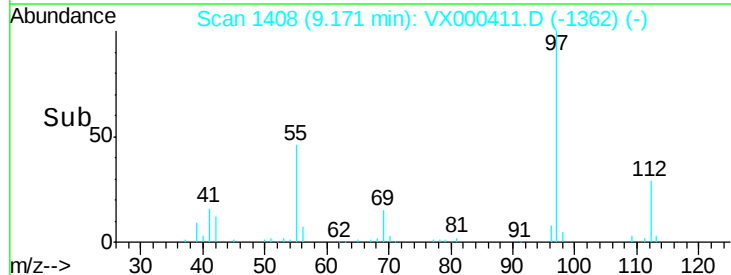
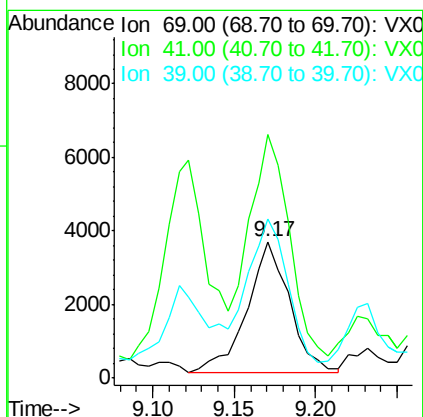
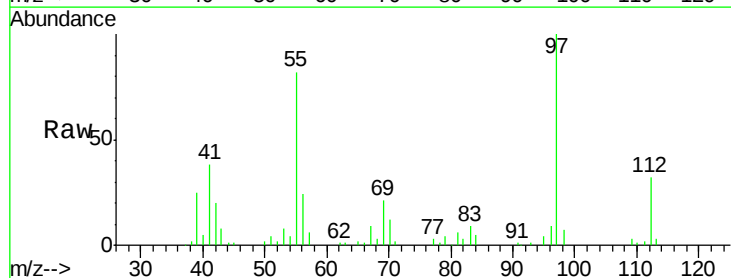
Instrument :
 MSVOA_X
 ClientSampled :
 MW-1-031918

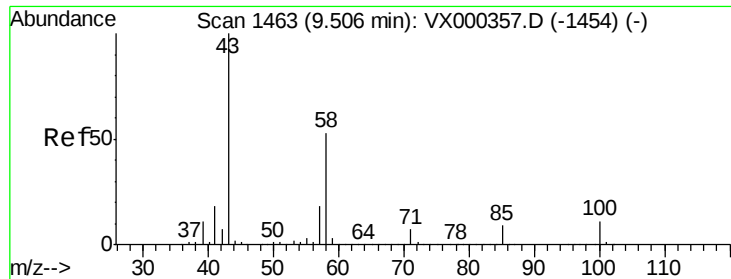
Tgt Ion: 97 Resp: 1313
 Ion Ratio Lower Upper
 97 100
 83 11.2 67.9 101.9#
 85 19.4 42.8 64.2#
 99 0.0 49.4 74.2#



#56
 Ethyl methacrylate
 Concen: 3.64 ug/l
 RT: 9.17 min Scan# 1408
 Delta R.T. -0.02 min
 Lab File: VX000411.D
 Acq: 22 Mar 2018 17:20

Tgt Ion: 69 Resp: 6577
 Ion Ratio Lower Upper
 69 100
 41 154.4 53.0 79.6#
 39 98.0 35.3 52.9#

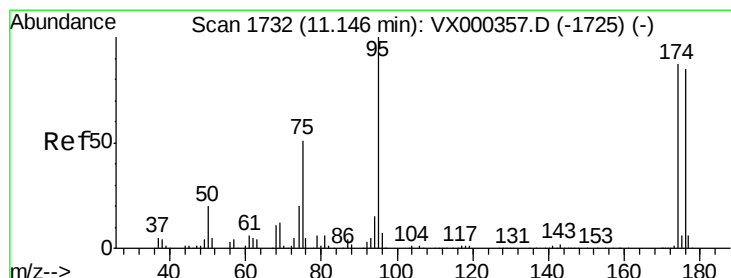
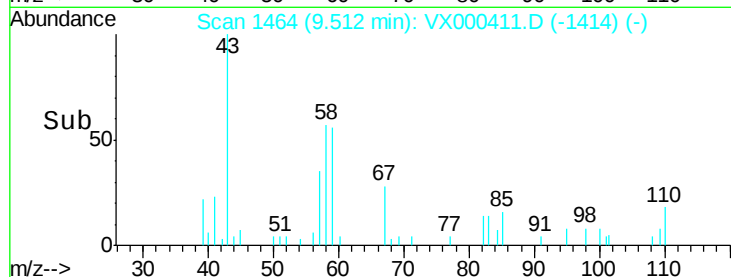
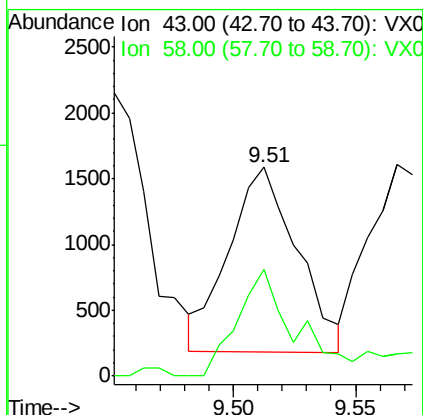
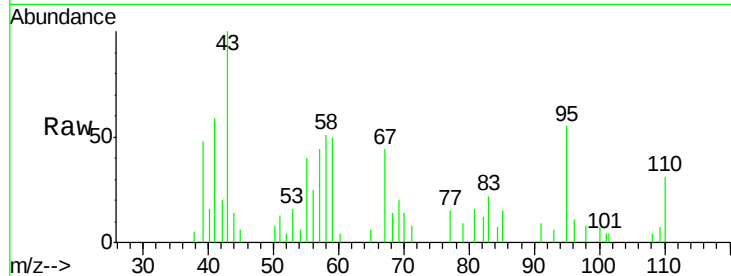




#59
2-Hexanone
Concen: 1.43 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. 0.01 min
Lab File: VX000411.D
Acq: 22 Mar 2018 17:20

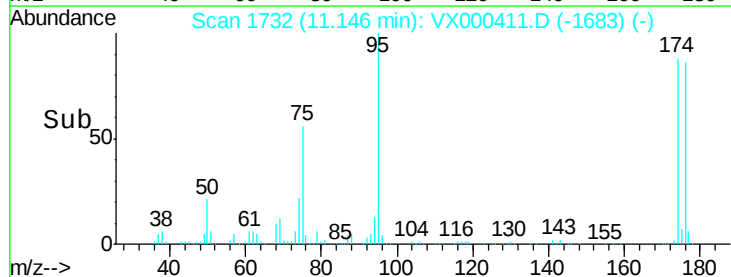
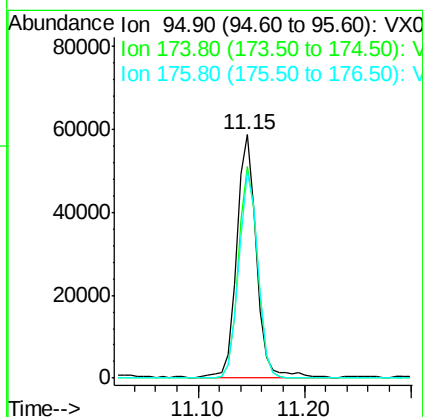
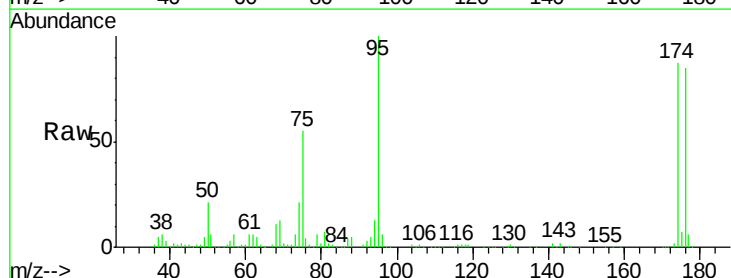
Instrument :
MSVOA_X
ClientSampleId :
MW-1-031918

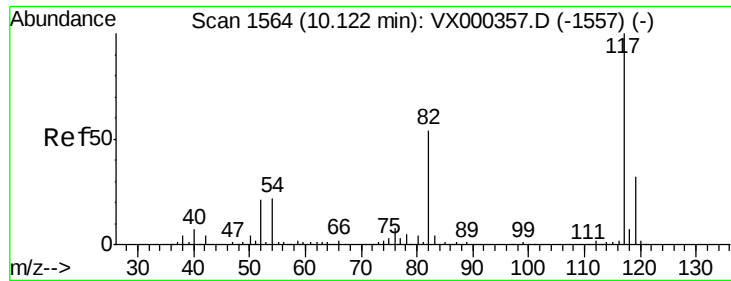
Tgt Ion: 43 Resp: 2736
Ion Ratio Lower Upper
43 100
58 48.6 26.6 79.7



#62
4-Bromofluorobenzene
Concen: 45.72 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000411.D
Acq: 22 Mar 2018 17:20

Tgt Ion: 95 Resp: 75913
Ion Ratio Lower Upper
95 100
174 84.7 0.0 173.6
176 83.2 0.0 164.6

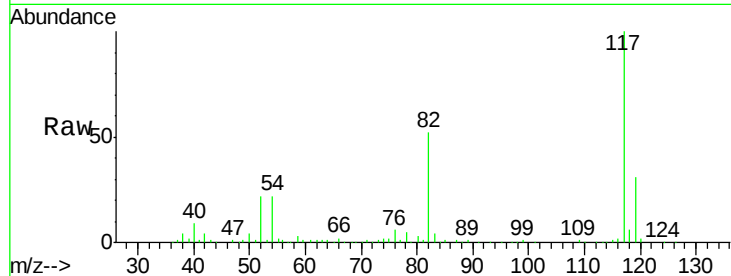




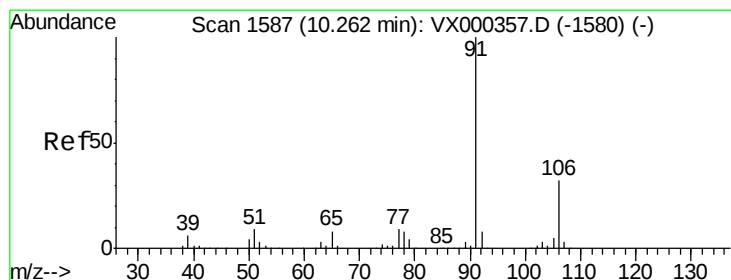
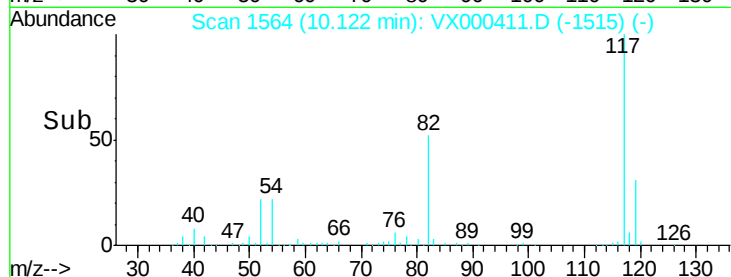
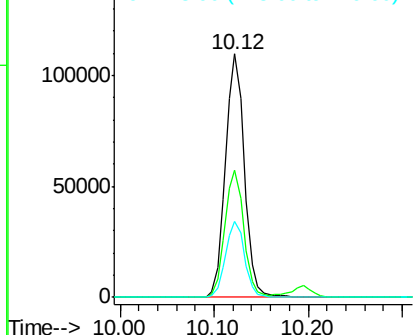
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000411.D
Acq: 22 Mar 2018 17:20

Instrument :
MSVOA_X
ClientSampled :
MW-1-031918

Tgt Ion: 117 Resp: 153551
Ion Ratio Lower Upper
117 100
82 52.1 43.8 65.8
119 31.1 24.9 37.3

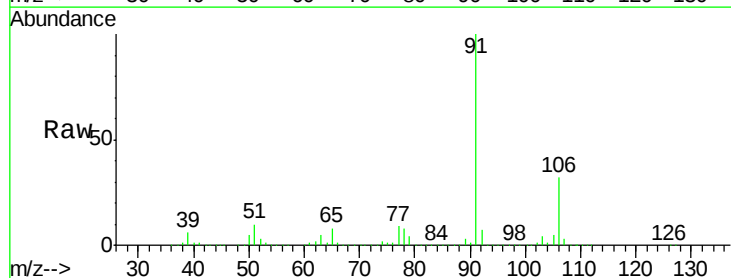


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

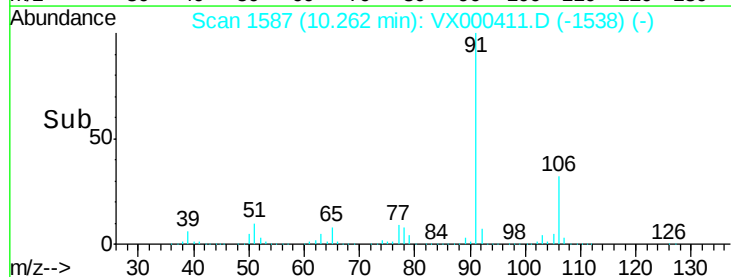
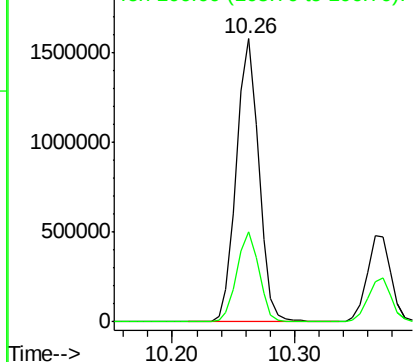


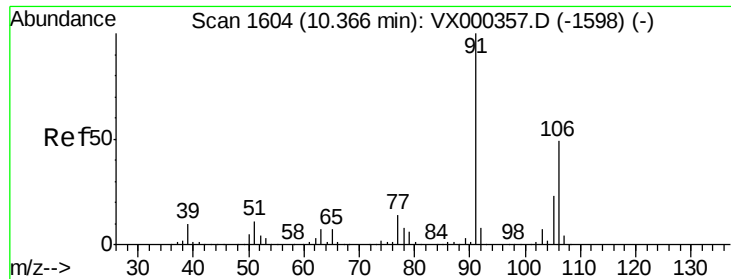
#67
Ethyl Benzene
Concen: 344.51 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000411.D
Acq: 22 Mar 2018 17:20

Tgt Ion: 91 Resp: 1995641
Ion Ratio Lower Upper
91 100
106 32.0 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V

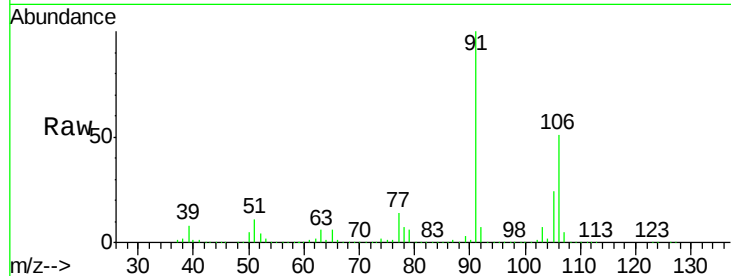




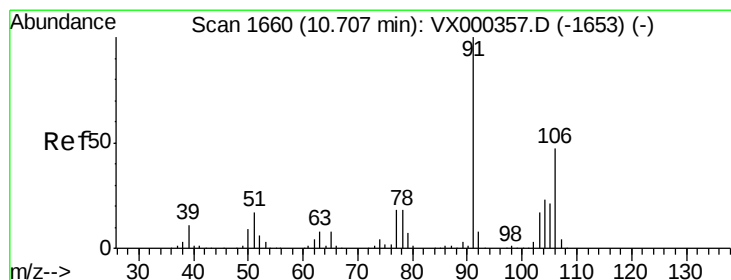
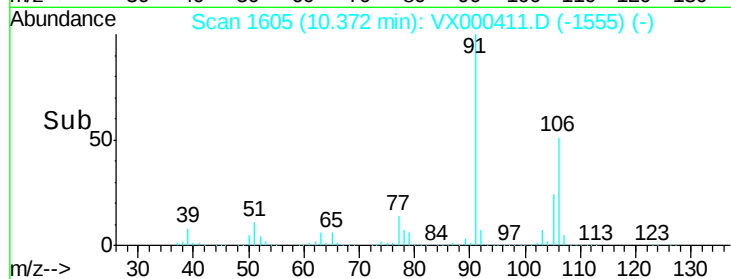
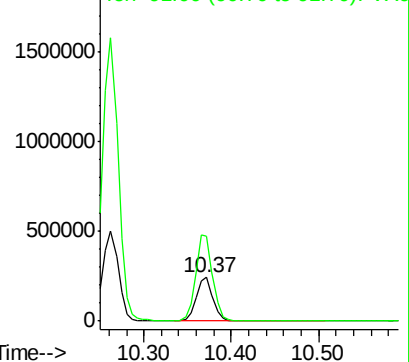
#68
m/p-Xylenes
Concen: 141.01 ug/l
RT: 10.37 min Scan# 1605
Delta R.T. 0.01 min
Lab File: VX000411.D
Acq: 22 Mar 2018 17:20

Instrument :
MSVOA_X
ClientSampleId :
MW-1-031918

Tgt Ion:106 Resp: 321418
Ion Ratio Lower Upper
106 100
91 201.5 163.4 245.2

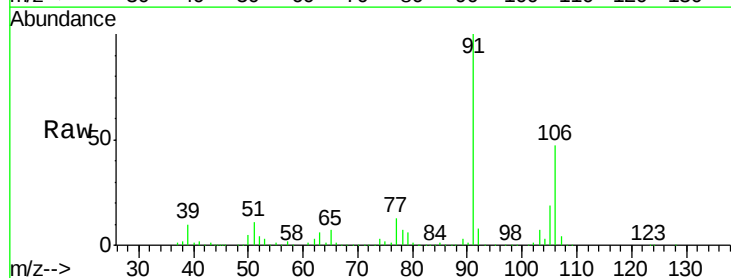


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

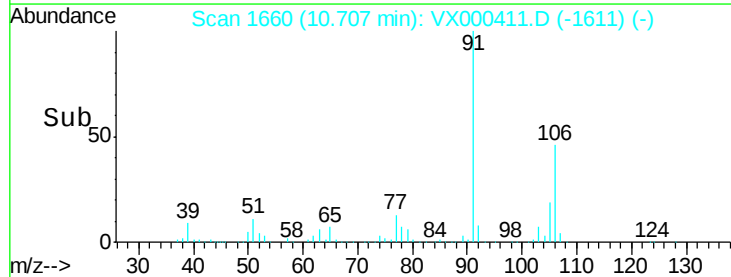
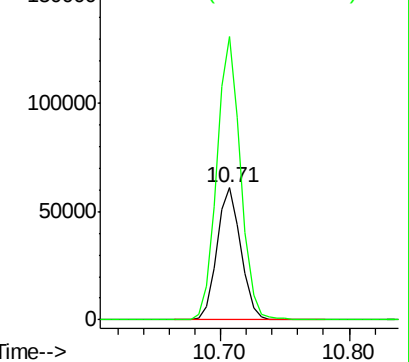


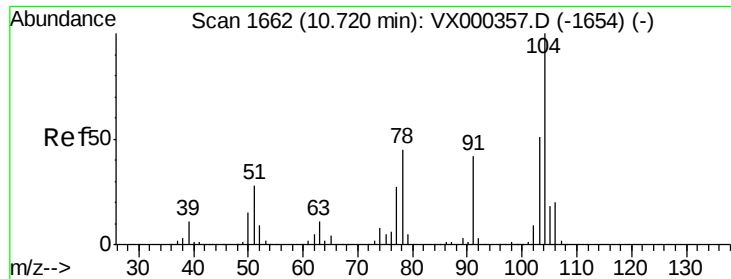
#69
o-Xylene
Concen: 36.02 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000411.D
Acq: 22 Mar 2018 17:20

Tgt Ion:106 Resp: 79503
Ion Ratio Lower Upper
106 100
91 211.6 106.5 319.6



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0





#70

Styrene

Concen: 1.25 ug/l

RT: 10.71 min Scan# 1660

Delta R.T. -0.01 min

Lab File: VX000411.D

Acq: 22 Mar 2018 17:20

Instrument :

MSVOA_X

ClientSampleId :

MW-1-031918

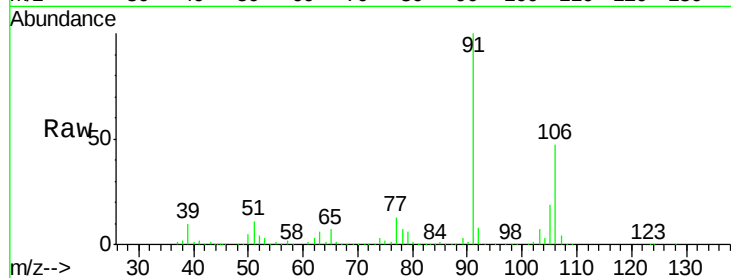
Tgt Ion:104 Resp: 4576

Ion Ratio Lower Upper

104 100

78 290.9 40.5 60.7#

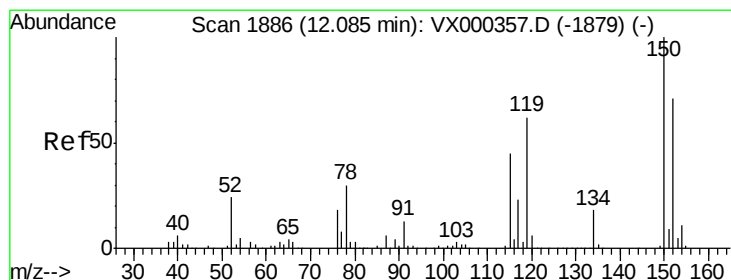
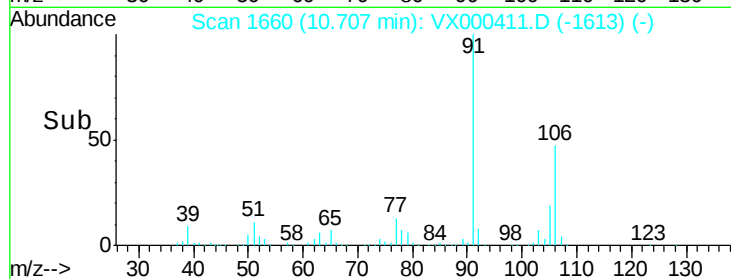
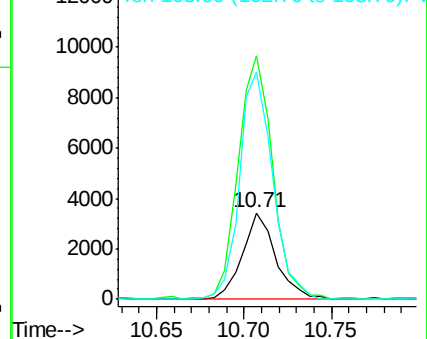
103 259.8 45.7 68.5#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000411.D

Acq: 22 Mar 2018 17:20

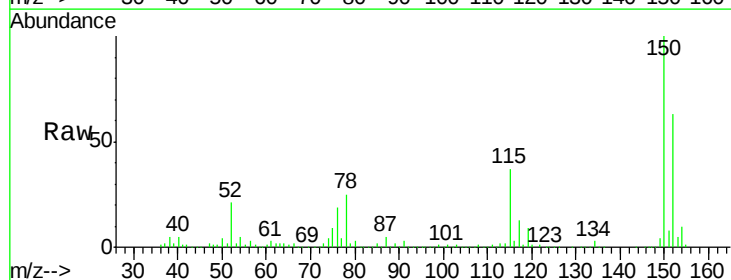
Tgt Ion:152 Resp: 85939

Ion Ratio Lower Upper

152 100

115 60.7 39.8 119.3

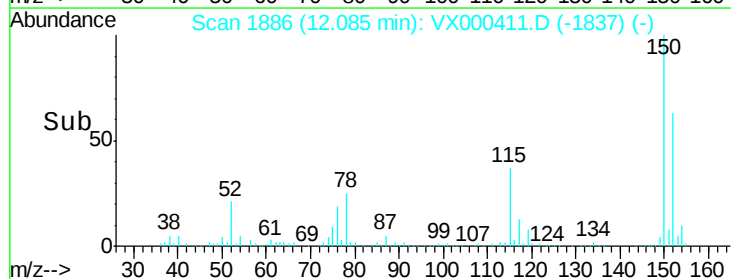
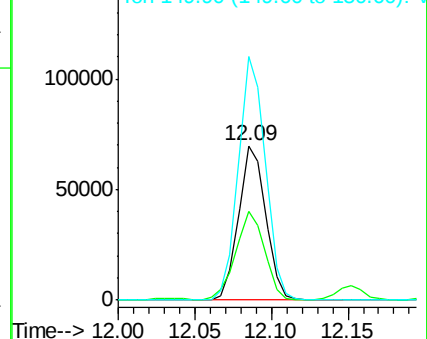
150 157.0 0.0 344.4

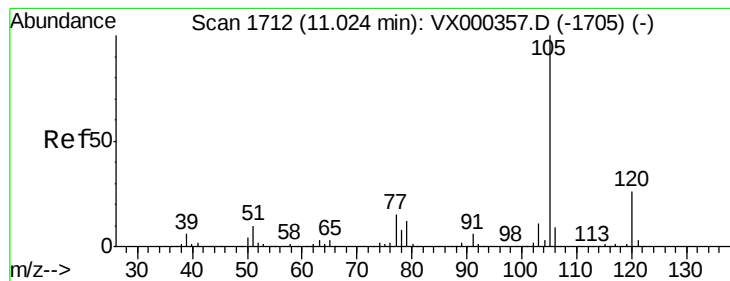


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 23.48 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000411.D

Acq: 22 Mar 2018 17:20

Instrument :

MSVOA_X

ClientSampleId :

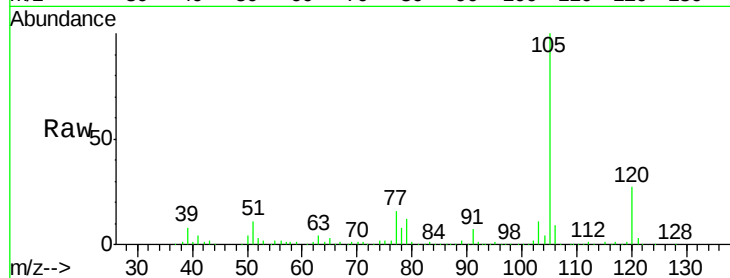
MW-1-031918

Tgt Ion: 105 Resp: 133715

Ion Ratio Lower Upper

105 100

120 26.7 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

120000

100000

80000

60000

40000

20000

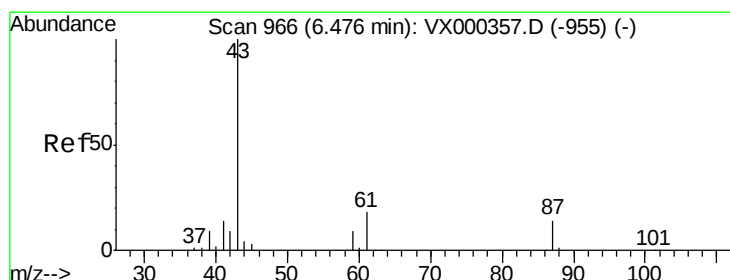
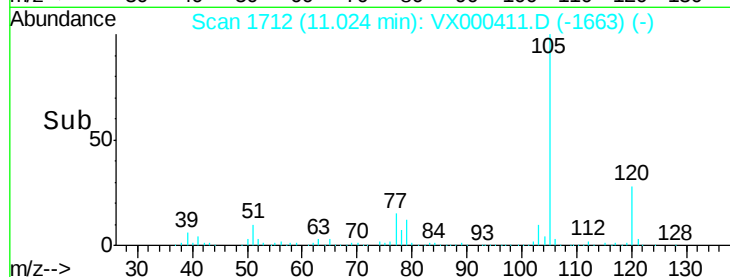
0

11.02

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: Below Cal

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX000411.D

Acq: 22 Mar 2018 17:20

Tgt Ion: 43 Resp: 4903

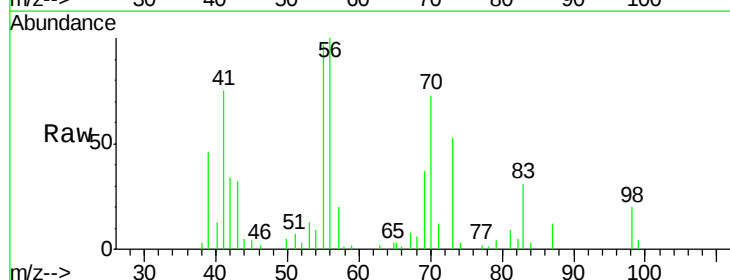
Ion Ratio Lower Upper

43 100

70 215.8 0.0 0.0#

55 278.6 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

10000

8000

6000

4000

2000

0

6.46

6.40

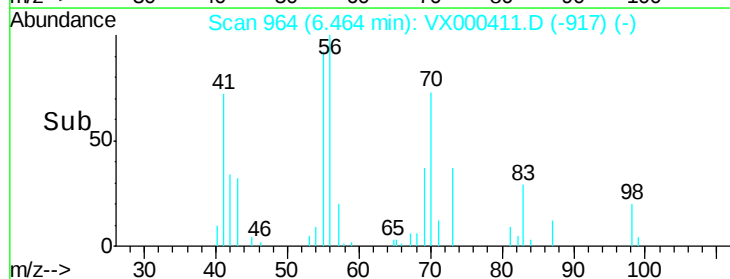
6.45

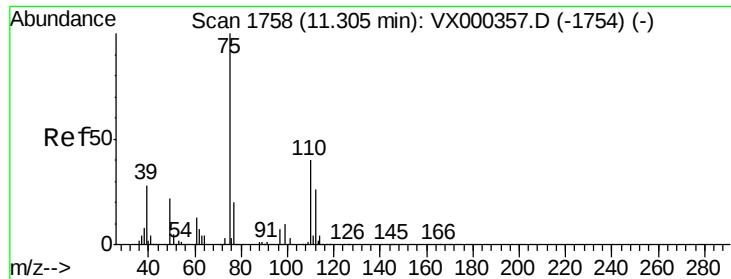
6.50

6.55

6.60

Time-->





#76

1,2,3-Trichloropropane

Concen: 1.58 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.06 min

Lab File: VX000411.D

Acq: 22 Mar 2018 17:20

Instrument :

MSVOA_X

ClientSampleId :

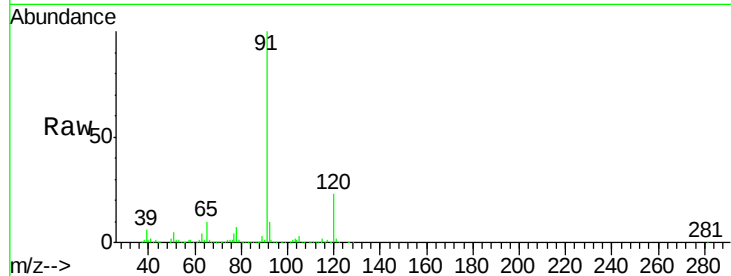
MW-1-031918

Tgt Ion: 75 Resp: 2913

Ion Ratio Lower Upper

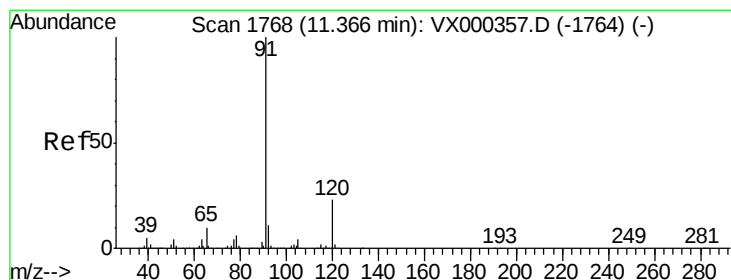
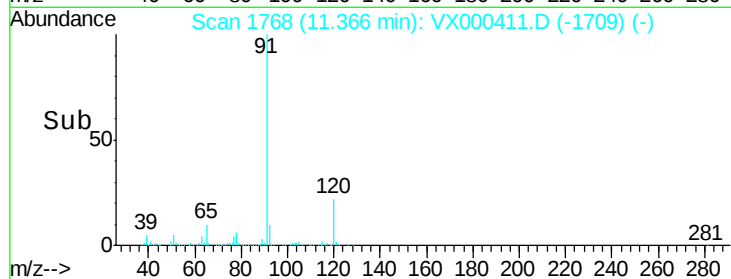
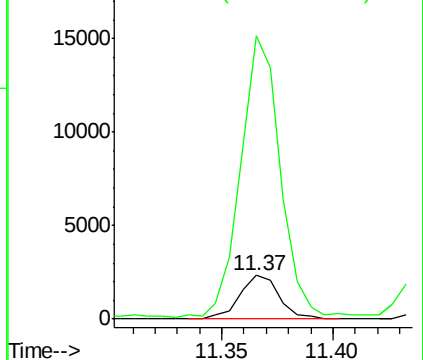
75 100

77 639.6 21.4 64.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 64.61 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000411.D

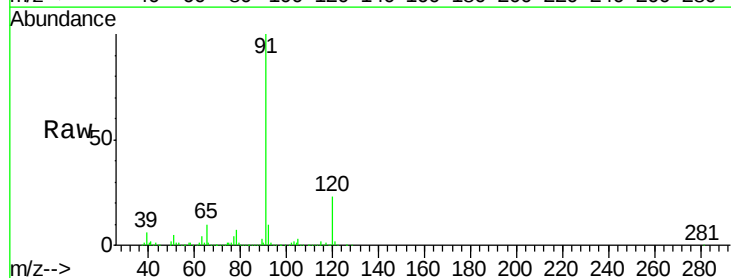
Acq: 22 Mar 2018 17:20

Tgt Ion: 91 Resp: 438646

Ion Ratio Lower Upper

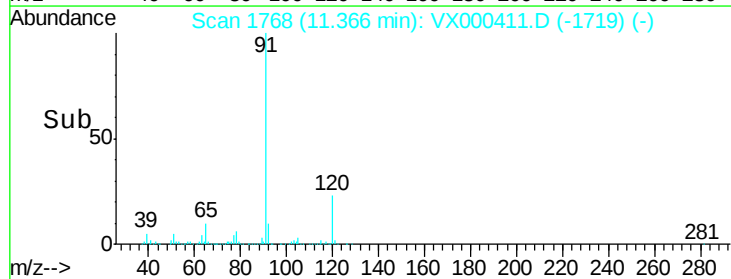
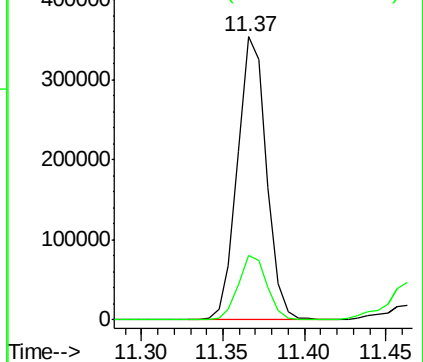
91 100

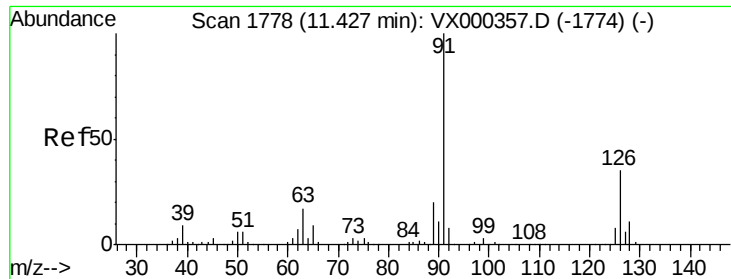
120 22.6 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 6.78 ug/l

RT: 11.46 min Scan# 1784

Delta R.T. 0.04 min

Lab File: VX000411.D

Acq: 22 Mar 2018 17:20

Instrument :

MSVOA_X

ClientSampled :

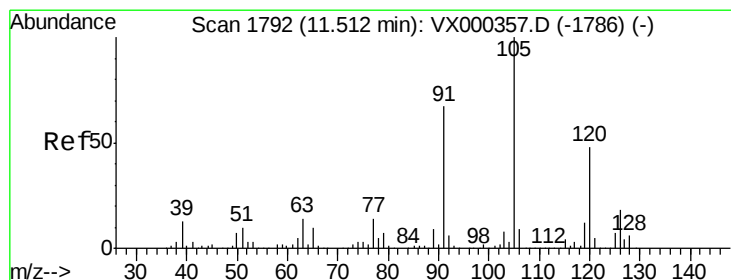
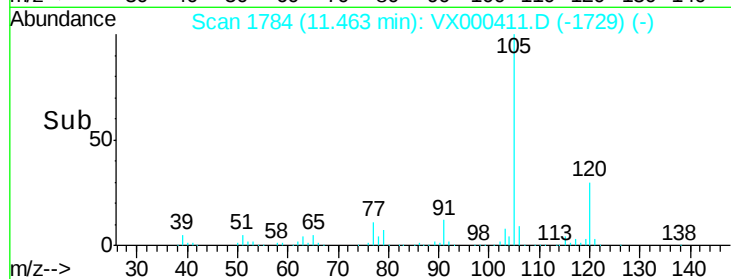
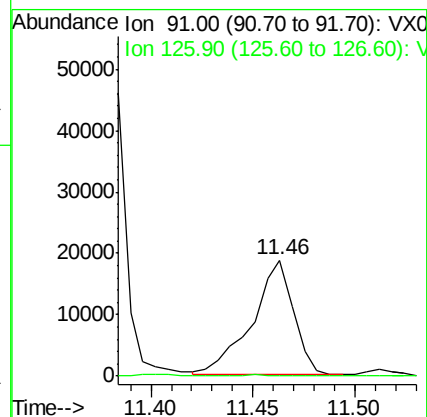
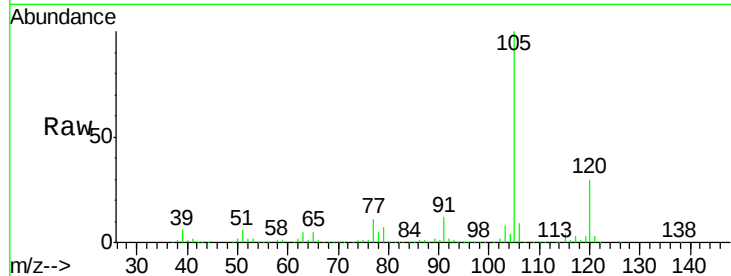
MW-1-031918

Tgt Ion: 91 Resp: 26609

Ion Ratio Lower Upper

91 100

126 1.0 17.7 53.1#



#80

1,3,5-Trimethylbenzene

Concen: 45.97 ug/l

RT: 11.46 min Scan# 1784

Delta R.T. -0.05 min

Lab File: VX000411.D

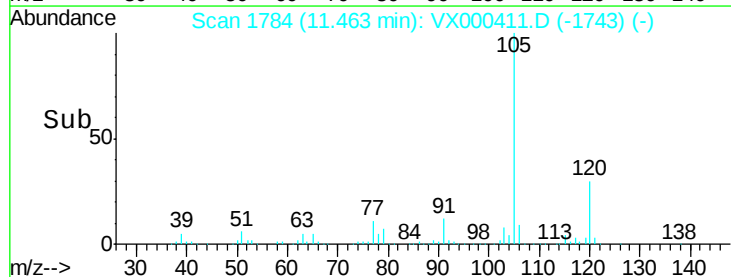
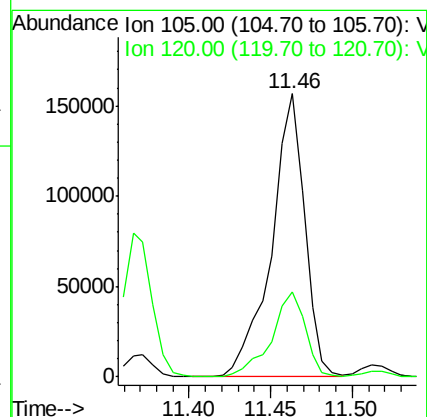
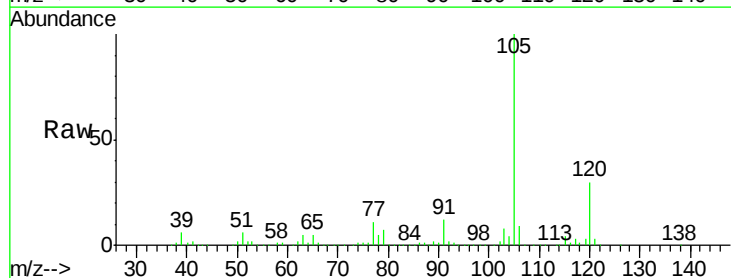
Acq: 22 Mar 2018 17:20

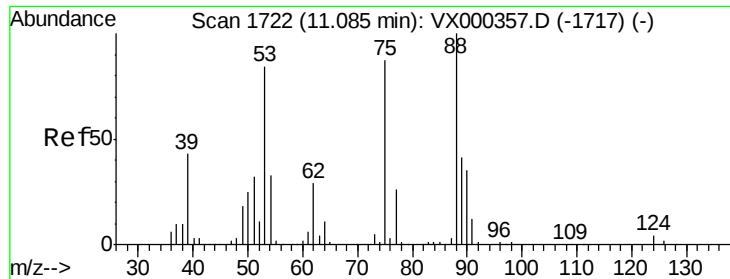
Tgt Ion: 105 Resp: 220088

Ion Ratio Lower Upper

105 100

120 30.2 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 3.28 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.06 min

Lab File: VX000411.D

Acq: 22 Mar 2018 17:20

Instrument :

MSVOA_X

ClientSampleId :

MW-1-031918

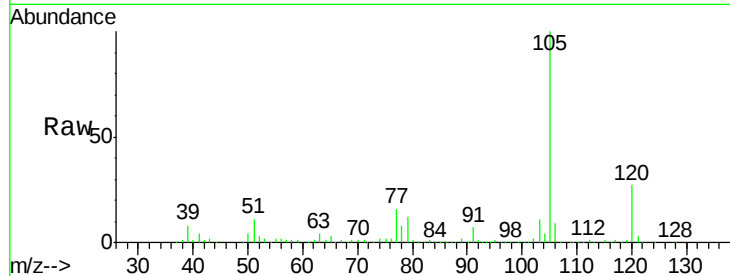
Tgt Ion: 75 Resp: 1873

Ion Ratio Lower Upper

75 100

53 135.5 80.7 121.1#

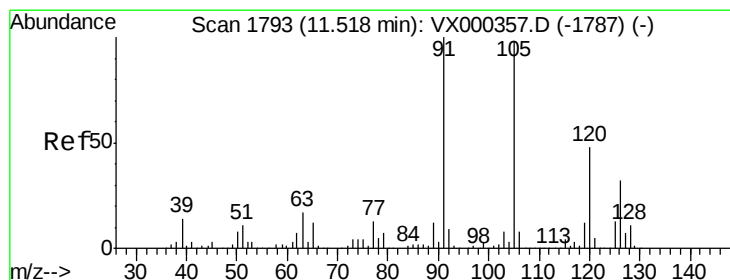
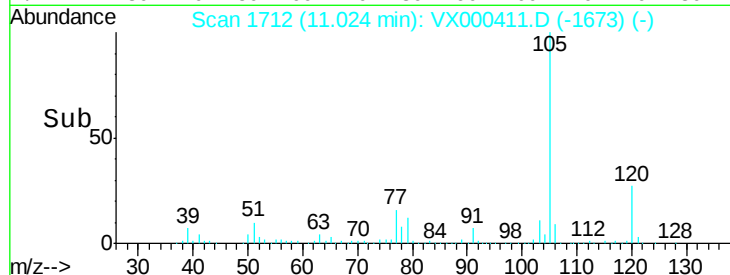
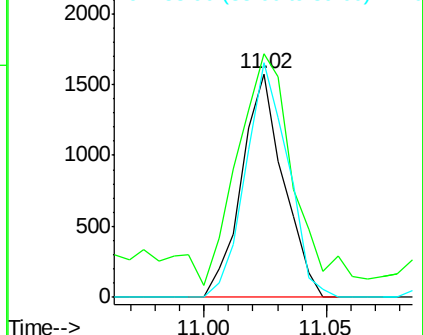
89 106.2 39.4 59.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 5.68 ug/l

RT: 11.46 min Scan# 1784

Delta R.T. -0.06 min

Lab File: VX000411.D

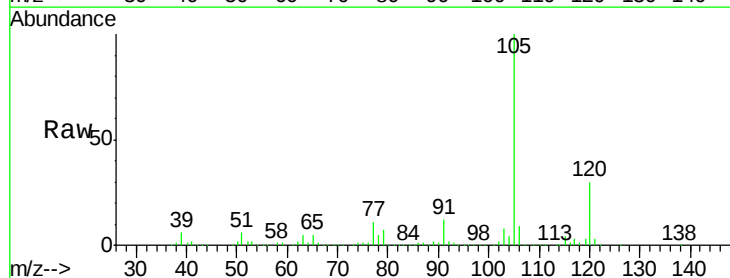
Acq: 22 Mar 2018 17:20

Tgt Ion: 91 Resp: 26609

Ion Ratio Lower Upper

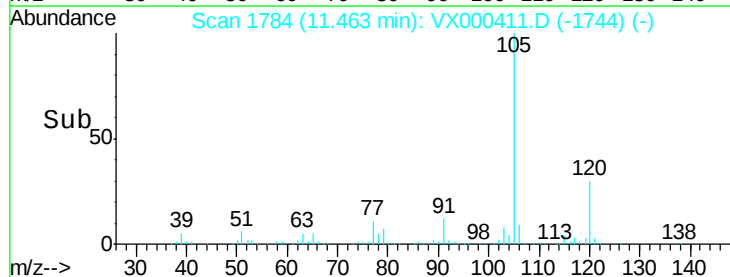
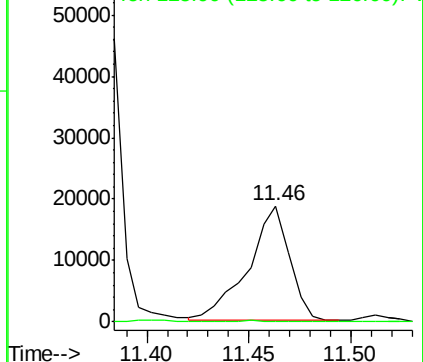
91 100

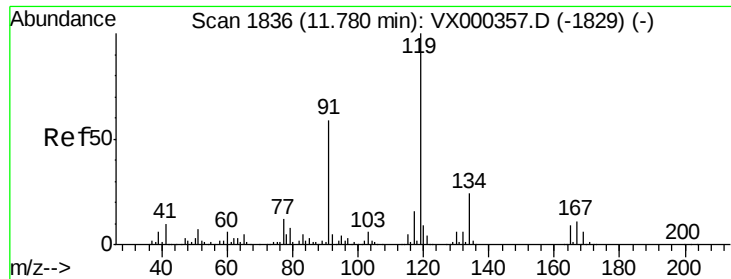
126 1.0 15.4 46.1#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

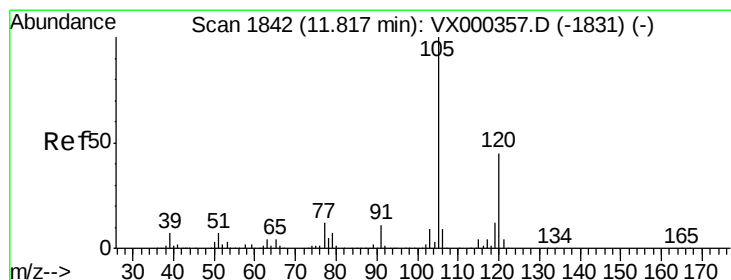
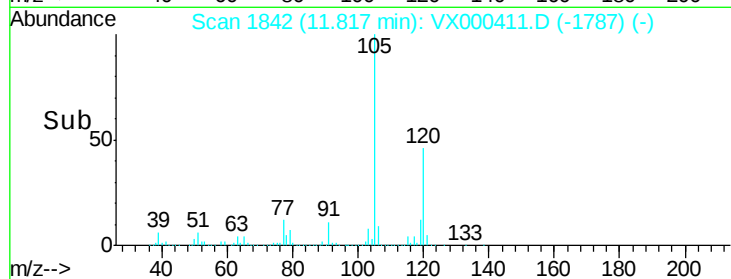
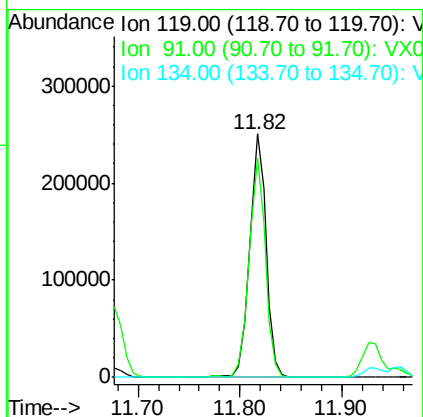
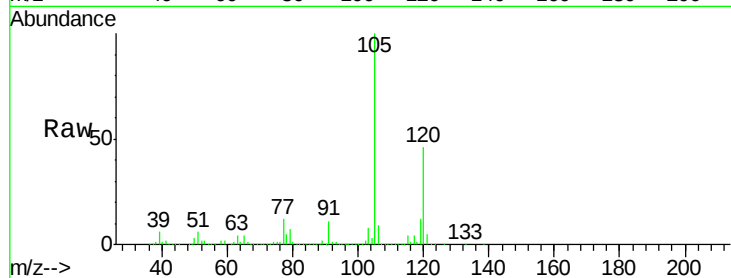




#83
 tert-Butylbenzene
 Concen: 58.62 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.04 min
 Lab File: VX000411.D
 Acq: 22 Mar 2018 17:20

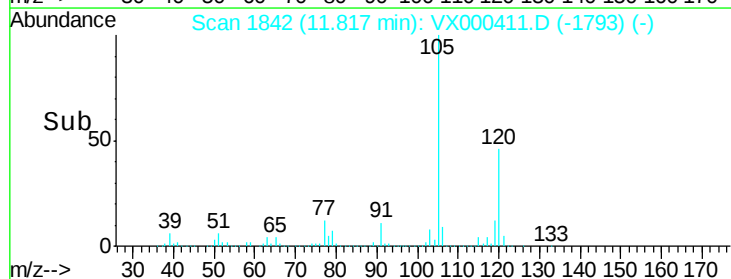
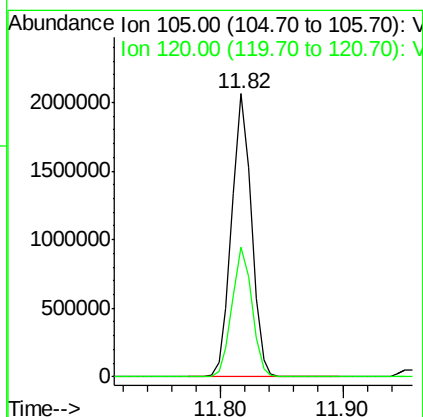
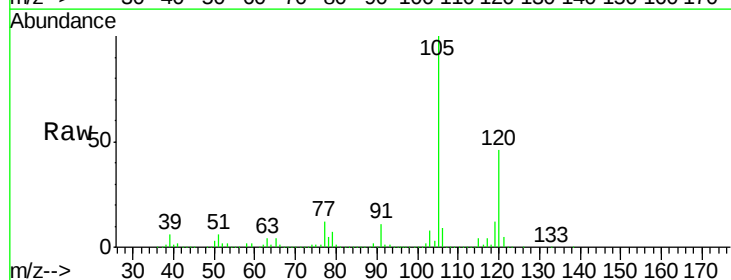
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1-031918

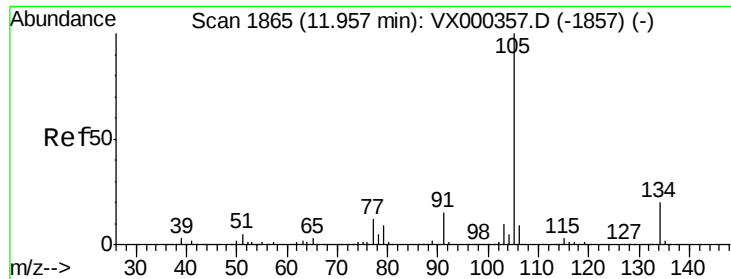
Tgt Ion:119 Resp: 283034
 Ion Ratio Lower Upper
 119 100
 91 89.9 28.8 86.4#
 134 0.0 11.4 34.1#



#84
 1,2,4-Trimethylbenzene
 Concen: 456.68 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000411.D
 Acq: 22 Mar 2018 17:20

Tgt Ion:105 Resp: 2292368
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.4 67.3

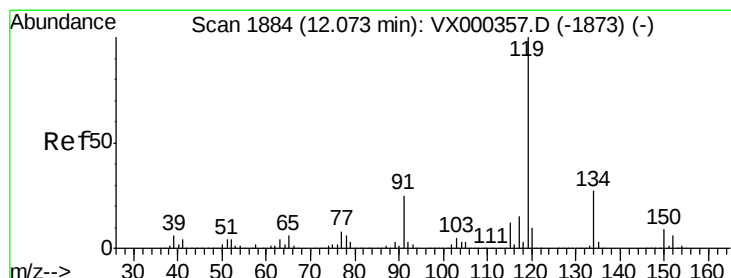
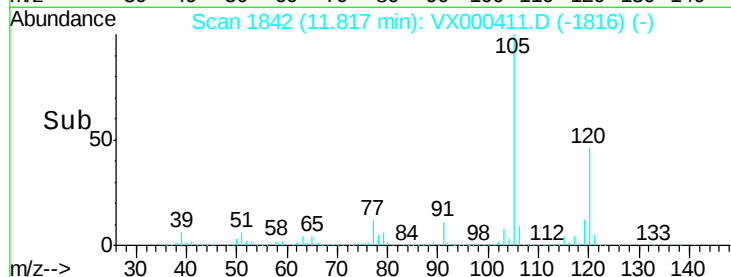
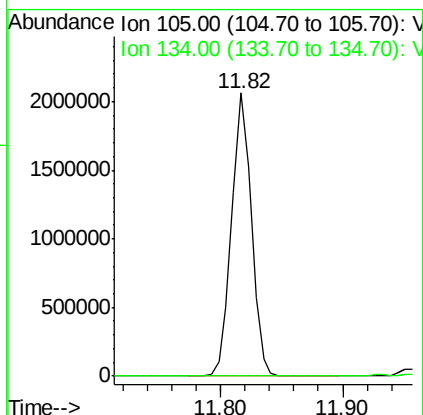
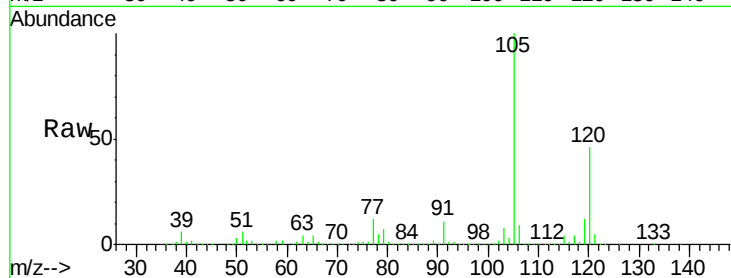




#85
 sec-Butylbenzene
 Concen: 383.66 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.14 min
 Lab File: VX000411.D
 Acq: 22 Mar 2018 17:20

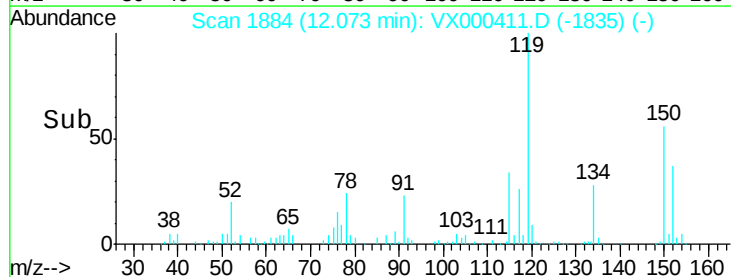
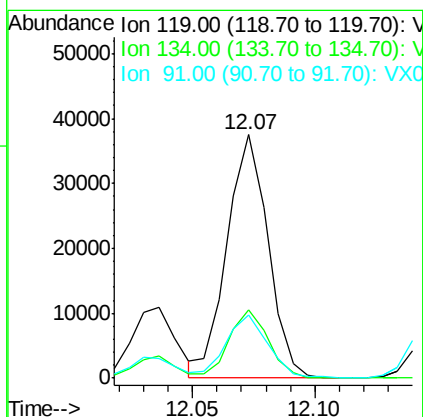
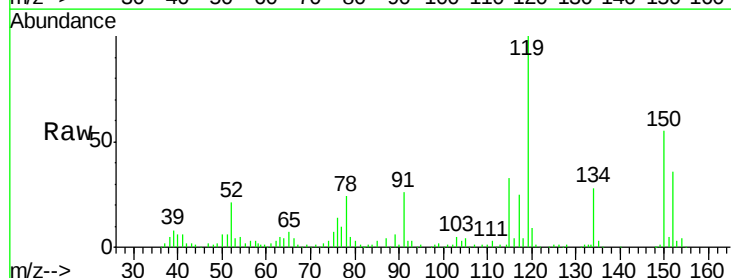
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1-031918

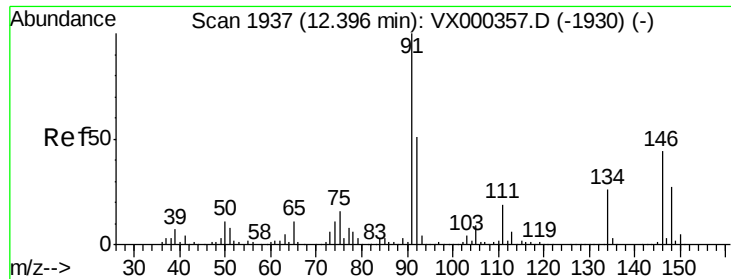
Tgt Ion:105 Resp: 2292233
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.3 30.8#



#86
 p-Isopropyltoluene
 Concen: 8.25 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000411.D
 Acq: 22 Mar 2018 17:20

Tgt Ion:119 Resp: 43788
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.3 39.9
 91 26.3 12.0 36.1

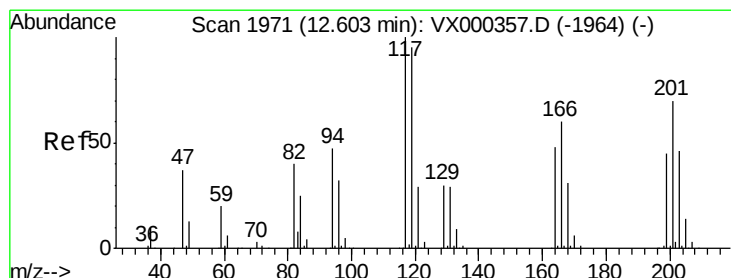
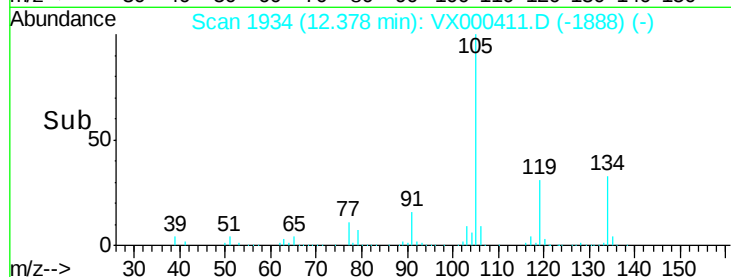
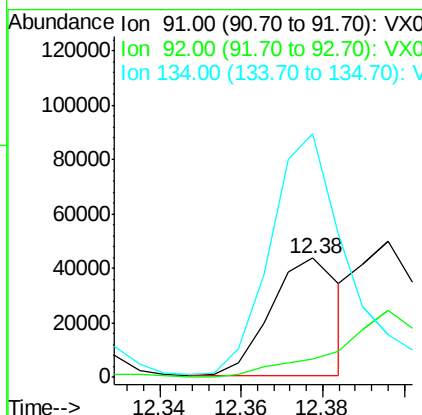
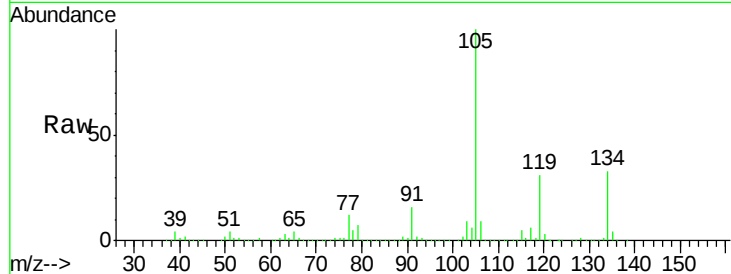




#89
n-Butylbenzene
Concen: 10.41 ug/l
RT: 12.38 min Scan# 1934
Delta R.T. -0.02 min
Lab File: VX000411.D
Acq: 22 Mar 2018 17:20

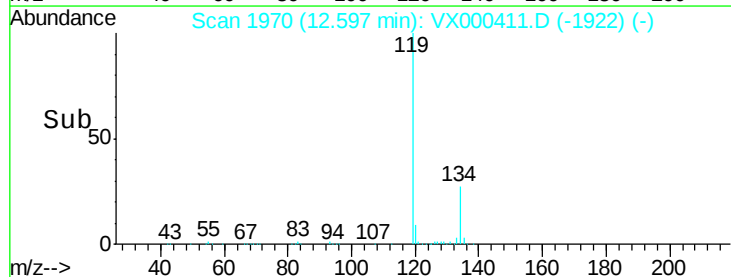
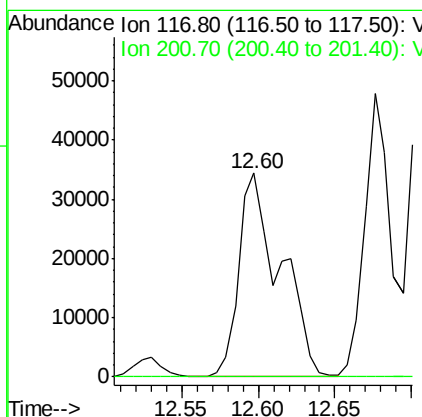
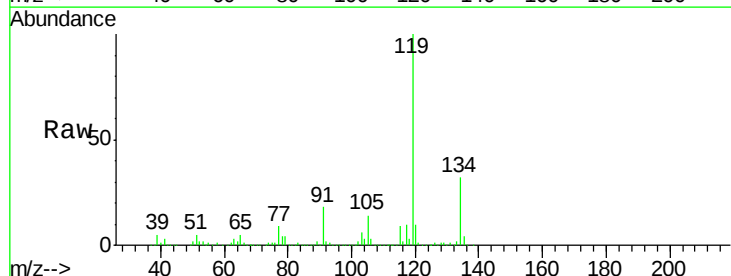
Instrument :
MSVOA_X
ClientSampleId :
MW-1-031918

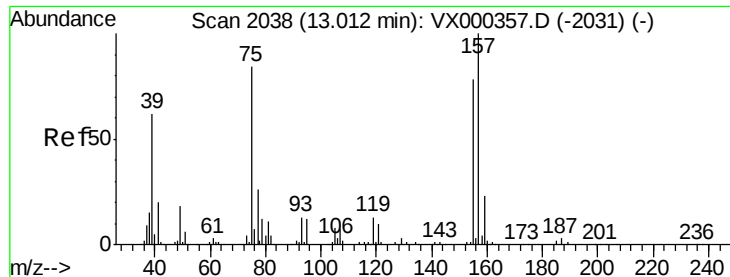
Tgt Ion: 91 Resp: 51418
Ion Ratio Lower Upper
91 100
92 69.3 25.9 77.8
134 234.6 13.1 39.3#



#90
Hexachloroethane
Concen: 76.56 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.01 min
Lab File: VX000411.D
Acq: 22 Mar 2018 17:20

Tgt Ion: 117 Resp: 63940
Ion Ratio Lower Upper
117 100
201 0.0 37.9 113.6#

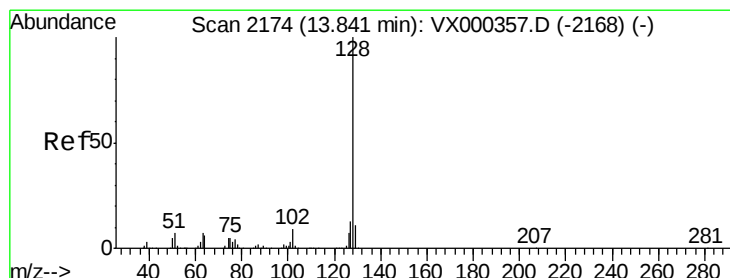
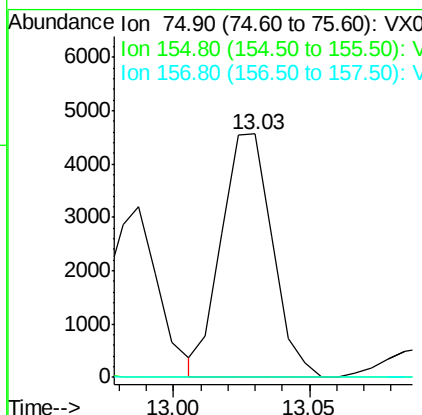
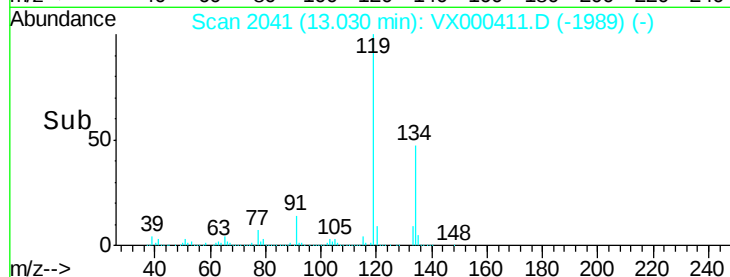
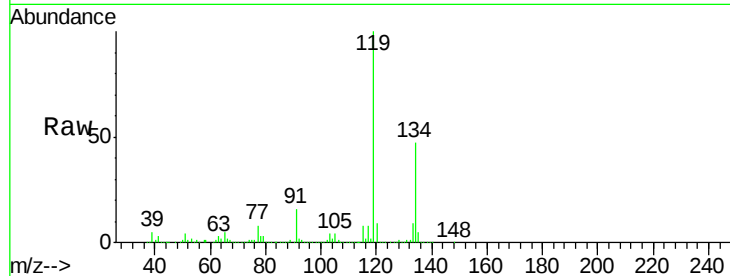




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 10.58 ug/l
 RT: 13.03 min Scan# 2041
 Delta R.T. 0.02 min
 Lab File: VX000411.D
 Acq: 22 Mar 2018 17:20

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1-031918

Tgt Ion: 75 Resp: 5940
 Ion Ratio Lower Upper
 75 100
 155 0.0 45.0 134.8#
 157 0.0 58.1 174.2#



#95
 Naphthalene
 Concen: 27.24 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: VX000411.D
 Acq: 22 Mar 2018 17:20

Tgt Ion: 128 Resp: 191259
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.6 15.8
 129 12.4 8.9 13.3

