

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011719\
 Data File : VX007090.D
 Acq On : 17 Jan 2019 15:49
 Operator : JC/SP
 Sample : K1168-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038MW103-190115

Quant Time: Jan 18 05:00:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	592968	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	914072	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	860191	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	437641	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	309661	49.97	ug/l	0.00
Spiked Amount			Recovery	=	99.94%	
35) Dibromofluoromethane	5.50	113	273563	46.73	ug/l	0.00
Spiked Amount			Recovery	=	93.46%	
50) Toluene-d8	8.71	98	1090826	50.91	ug/l	0.00
Spiked Amount			Recovery	=	101.82%	
62) 4-Bromofluorobenzene	11.13	95	402342	53.86	ug/l	0.00
Spiked Amount			Recovery	=	107.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	2033	0.359	ug/l #	77
4) Vinyl Chloride	1.41	62	5139	0.843	ug/l #	2
5) Bromomethane	1.64	94	1423	0.218	ug/l #	59
6) Chloroethane	1.59	64	36739	8.629	ug/l #	50
11) Tert butyl alcohol	3.07	59	6872	4.701	ug/l	98
13) Acrolein	2.28	56	263	3.496	ug/l #	1
14) Allyl chloride	2.84	41	92738	9.929	ug/l #	64
16) Acetone	2.44	43	2550	0.832	ug/l	95
18) Methyl Acetate	2.84	43	224979	25.358	ug/l #	52
20) Methylene Chloride	2.85	84	1142	Below Cal	#	1
27) cis-1,2-Dichloroethene	4.60	96	3342	0.499	ug/l	92
31) Cyclohexane	5.58	56	3853	0.441	ug/l #	63
36) 1,1-Dichloropropene	5.67	75	37648	4.737	ug/l #	49
38) Carbon Tetrachloride	5.66	117	54369	6.800	ug/l #	14
39) Methylcyclohexane	7.45	83	23271	2.297	ug/l #	37
40) Benzene	6.14	78	8693	0.358	ug/l	99
42) 1,2-Dichloroethane	6.21	62	1820	0.217	ug/l	86
43) Isopropyl Acetate	6.34	43	94796	7.054	ug/l #	59
48) Methyl methacrylate	7.85	41	15576	2.257	ug/l	96
49) 1,4-Dioxane	7.76	88	137	Below Cal	#	27
51) 4-Methyl-2-Pentanone	8.68	43	7030	0.814	ug/l #	36
55) 1,1,2-Trichloroethane	9.16	97	12650	2.028	ug/l #	20
56) Ethyl methacrylate	9.16	69	2714	0.298	ug/l #	1
65) Chlorobenzene	10.14	112	1390873	74.136	ug/l	98
69) o-Xylene	10.70	106	3387	0.285	ug/l	99
73) Isopropylbenzene	11.02	105	40966	1.327	ug/l	98
74) N-amyl acetate	10.94	43	7002	0.564	ug/l #	64
75) 1,1,2,2-Tetrachloroethane	11.28	83	4831	0.493	ug/l #	40
76) 1,2,3-Trichloropropane	11.13	75	192335	21.687	ug/l #	40
78) n-propylbenzene	11.36	91	7323	0.216	ug/l	100
80) 1,3,5-Trimethylbenzene	11.67	105	6338	0.246	ug/l	82
81) trans-1,4-Dichloro-2-buten	11.13	75	192335	64.280	ug/l #	10
82) 4-Chlorotoluene	11.36	91	7323	0.310	ug/l #	49
83) tert-Butylbenzene	11.77	119	162719	6.325	ug/l	90

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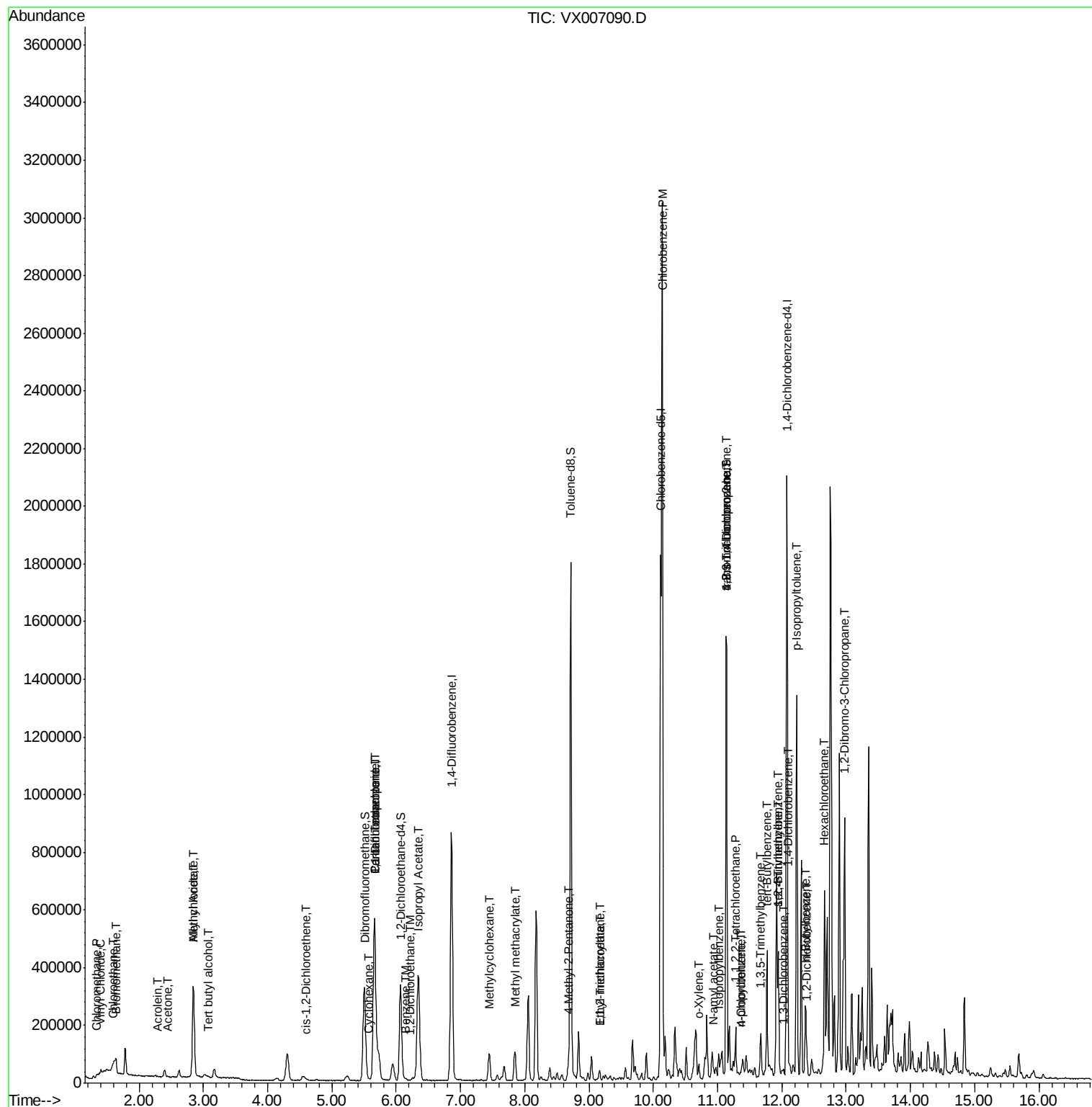
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.94	105	220505	8.504	uq/l #	30
85) sec-Butylbenzene	11.94	105	220505	7.177	uq/l #	55
86) p-Isopropyltoluene	12.23	119	579894	21.100	uq/l	98
87) 1,3-Dichlorobenzene	12.02	146	4339	0.282	uq/l	94
88) 1,4-Dichlorobenzene	12.10	146	20748	1.566	uq/l #	70
89) n-Butylbenzene	12.37	91	21088	0.900	uq/l #	34
90) Hexachloroethane	12.67	117	30545	9.465	uq/l #	6
91) 1,2-Dichlorobenzene	12.39	146	12188	0.804	uq/l	93
92) 1,2-Dibromo-3-Chloropropan	12.97	75	3459	1.785	uq/l #	1

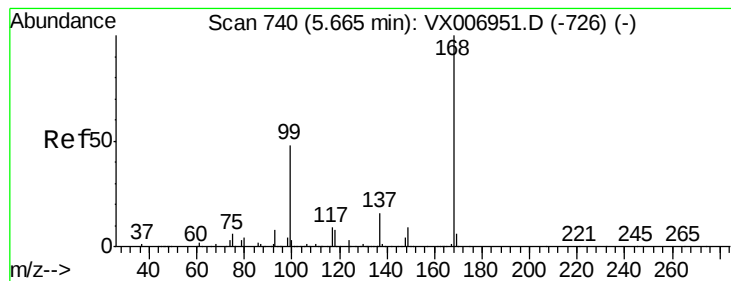
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007090.D

Acq: 17 Jan 2019 15:49

Instrument :

MSVOA_X

ClientSampleId :

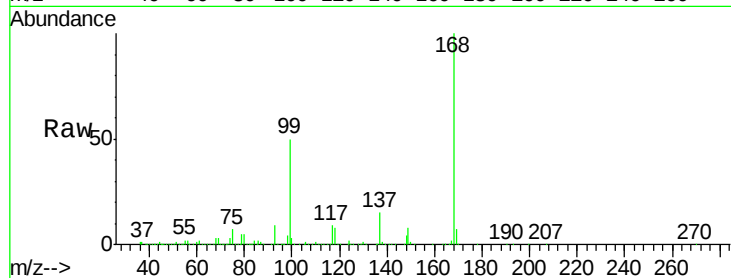
SS038MW103-190115

Tot Ion:168 Resp: 592968

Ion Ratio Lower Upper

168 100

99 49.6 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

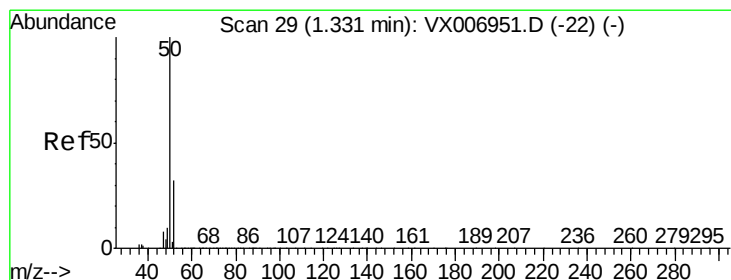
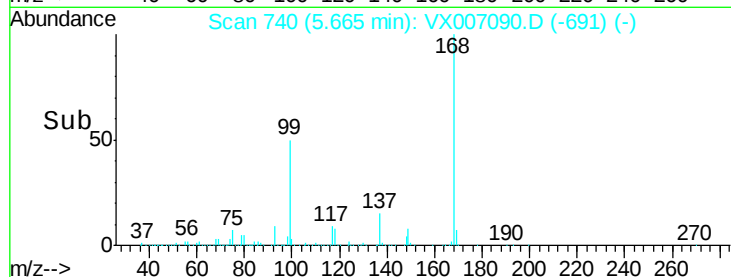
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.359 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007090.D

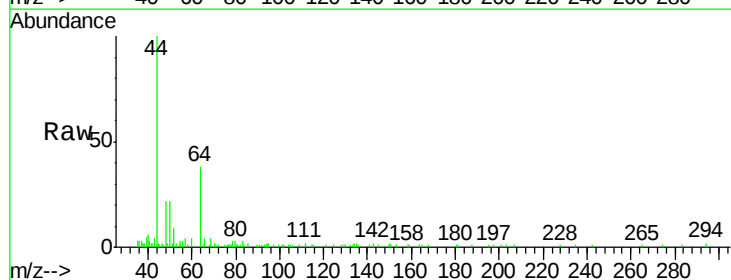
Acq: 17 Jan 2019 15:49

Tgt Ion: 50 Resp: 2033

Ion Ratio Lower Upper

50 100

52 44.7 25.4 38.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

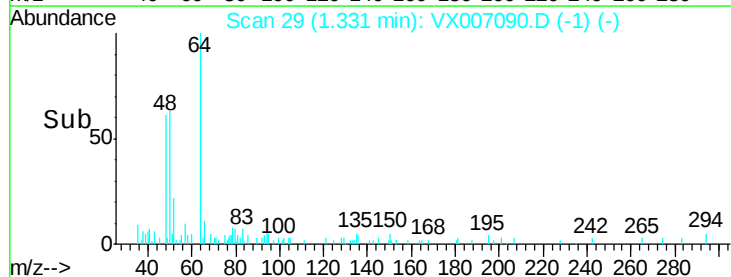
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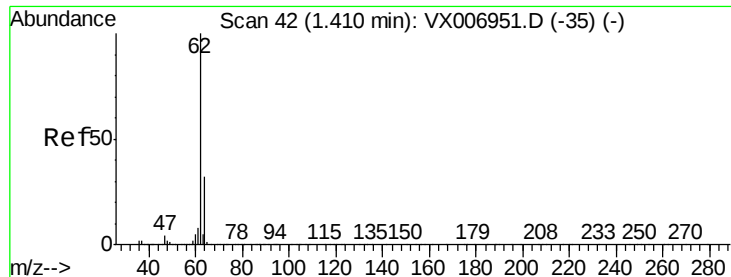
1000

500

0

Time--> 1.30 1.35





#4

Vinyl Chloride

Concen: 0.843 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007090.D

Acq: 17 Jan 2019 15:49

Instrument :

MSVOA_X

ClientSampleId :

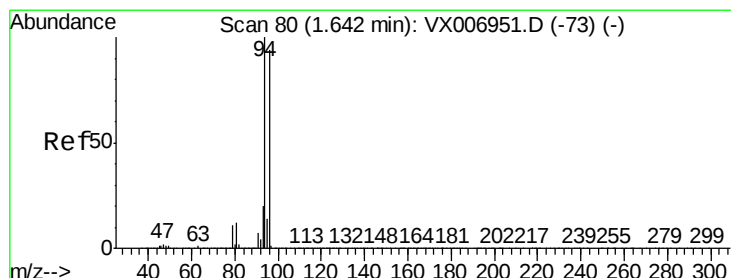
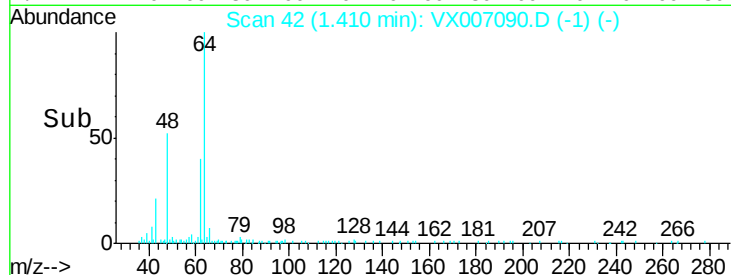
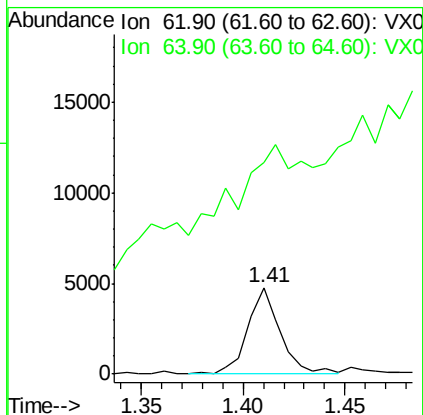
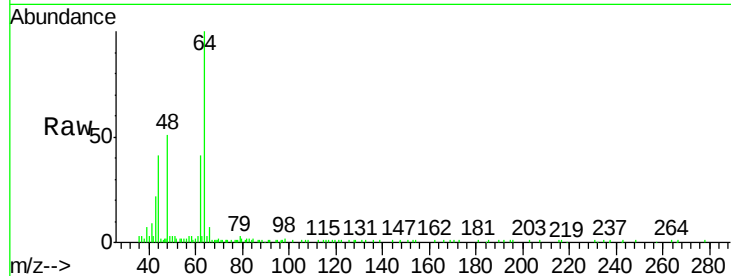
SS038MW103-190115

Tot Ion: 62 Resp: 5139

Ion Ratio Lower Upper

62 100

64 85.6 25.1 37.7#



#5

Bromomethane

Concen: 0.218 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007090.D

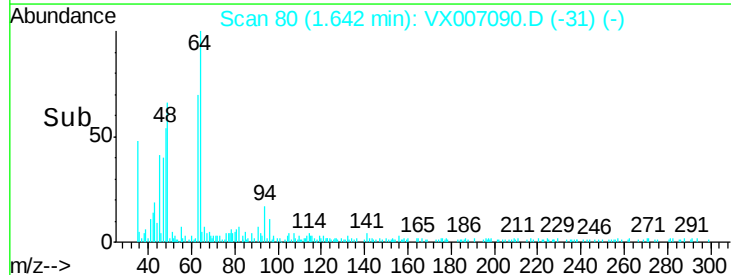
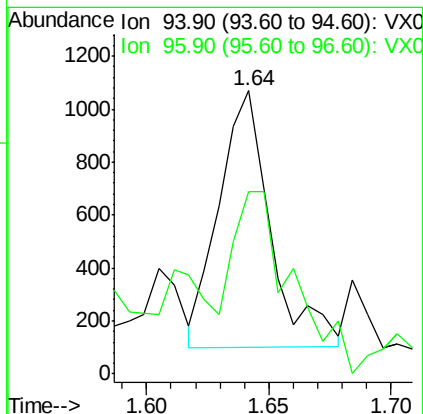
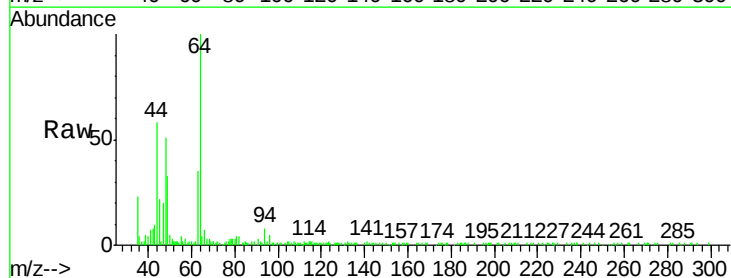
Acq: 17 Jan 2019 15:49

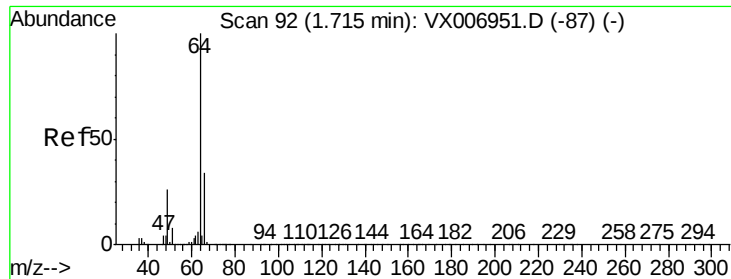
Tgt Ion: 94 Resp: 1423

Ion Ratio Lower Upper

94 100

96 52.7 73.4 110.2#





#6

Chloroethane

Concen: 8.629 ug/l

RT: 1.59 min Scan# 71

Delta R.T. -0.13 min

Lab File: VX007090.D

Acq: 17 Jan 2019 15:49

Instrument :

MSVOA_X

ClientSampleId :

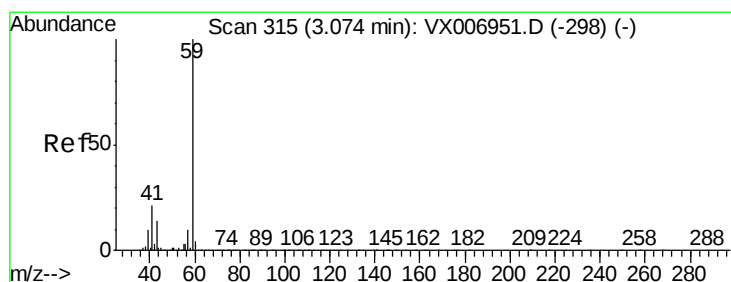
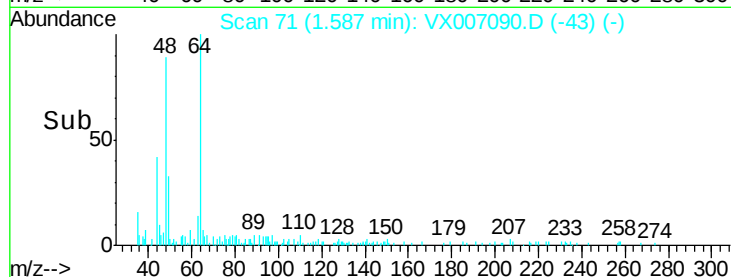
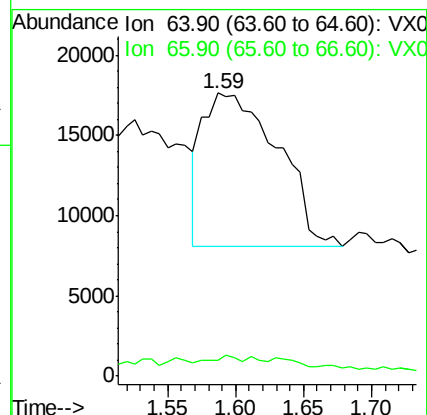
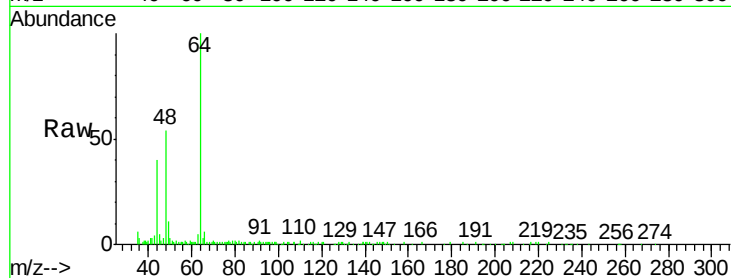
SS038MW103-190115

Tot Ion: 64 Resp: 36739

Ion Ratio Lower Upper

64 100

66 4.7 26.4 39.6#



#11

Tert butyl alcohol

Concen: 4.701 ug/l

RT: 3.07 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX007090.D

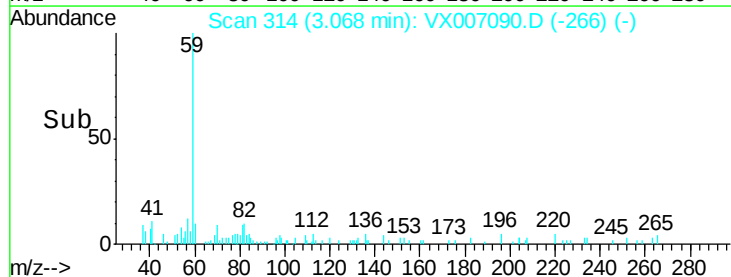
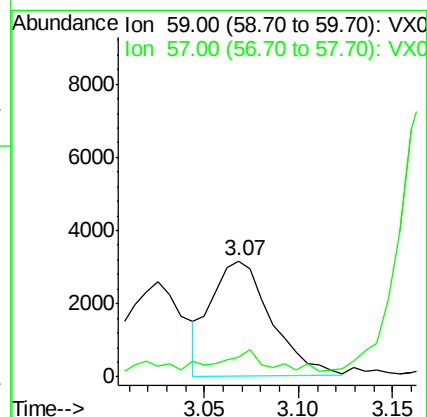
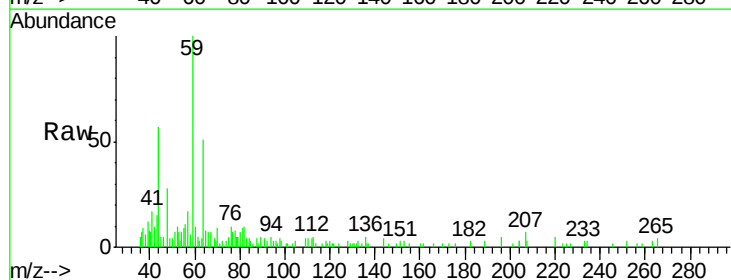
Acq: 17 Jan 2019 15:49

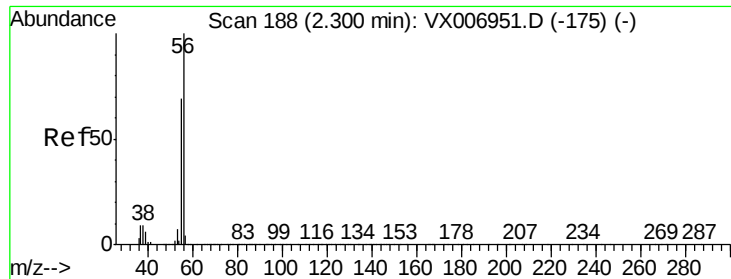
Tgt Ion: 59 Resp: 6872

Ion Ratio Lower Upper

59 100

57 9.9 8.5 12.7





#13

Acrolein

Concen: 3.496 ug/l

RT: 2.28 min Scan# 184

Delta R.T. -0.02 min

Lab File: VX007090.D

Acq: 17 Jan 2019 15:49

Instrument :

MSVOA_X

ClientSampleId :

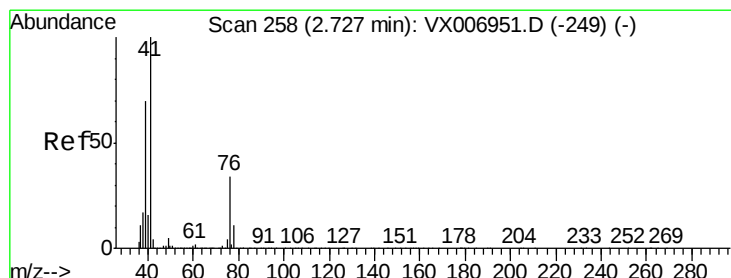
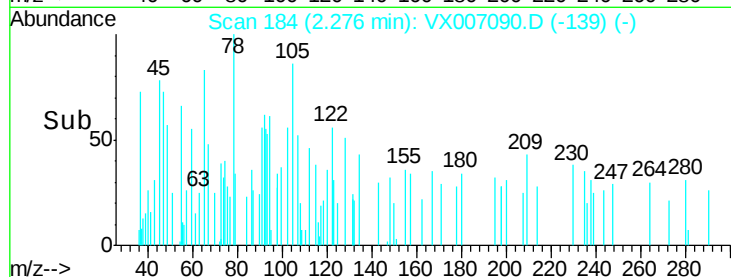
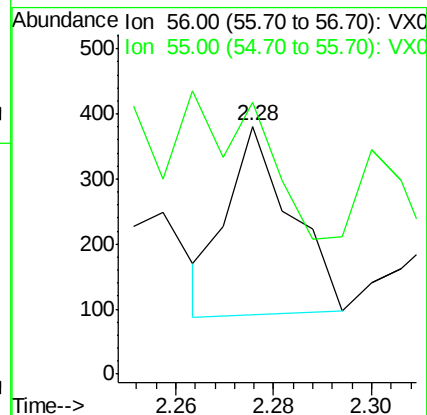
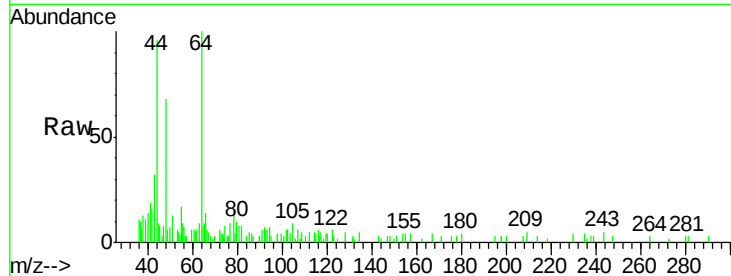
SS038MW103-190115

Tot Ion: 56 Resp: 263

Ion Ratio Lower Upper

56 100

55 206.1 58.2 87.4#



#14

Allyl chloride

Concen: 9.929 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.12 min

Lab File: VX007090.D

Acq: 17 Jan 2019 15:49

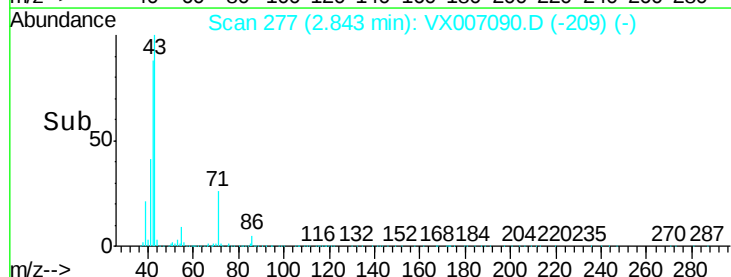
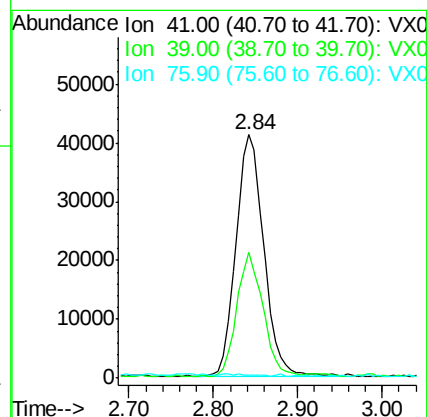
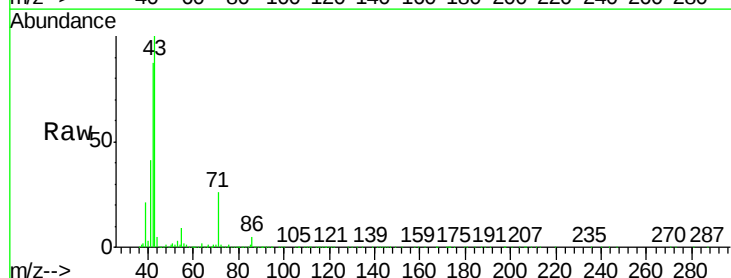
Tgt Ion: 41 Resp: 92738

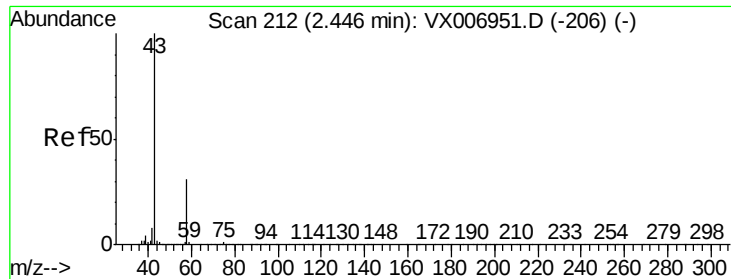
Ion Ratio Lower Upper

41 100

39 48.1 53.6 80.4#

76 0.0 27.4 41.2#

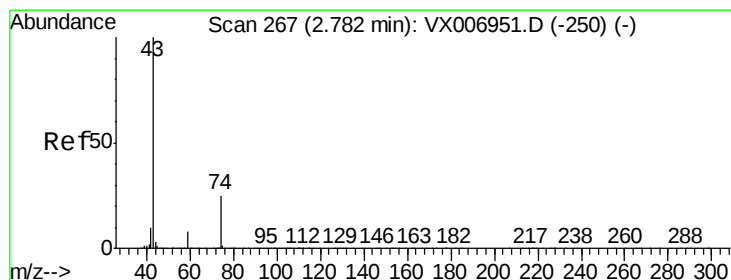
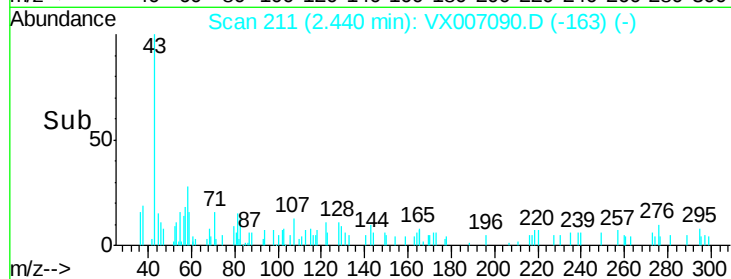
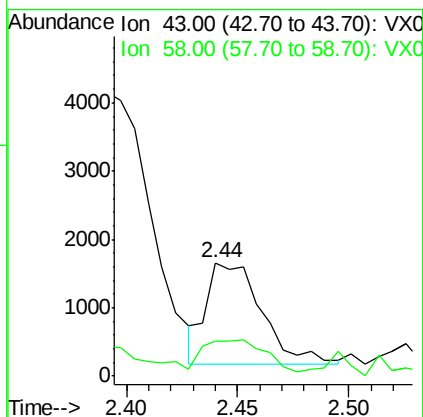
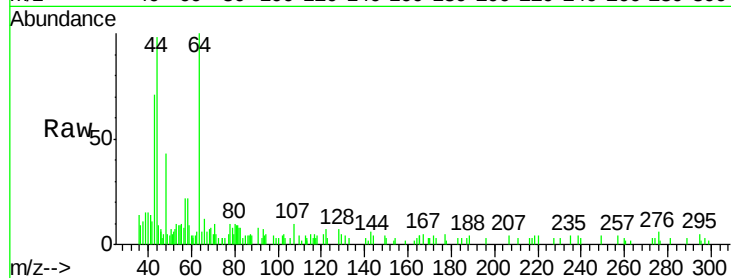




#16
Acetone
Concen: 0.832 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX007090.D
Acq: 17 Jan 2019 15:49

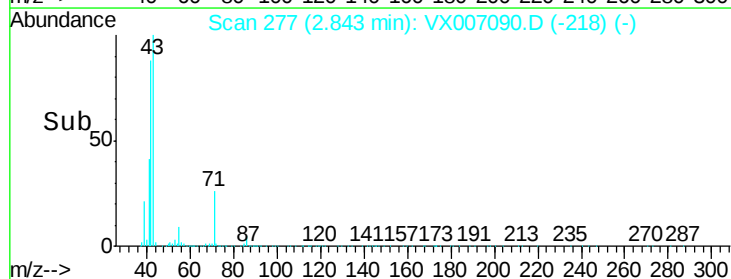
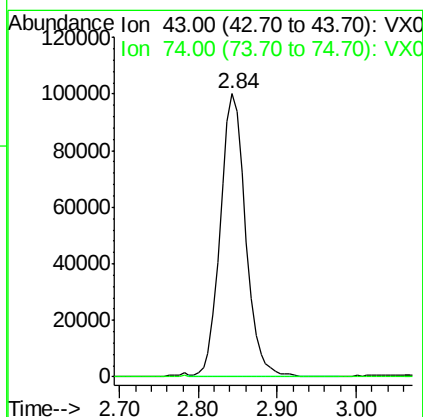
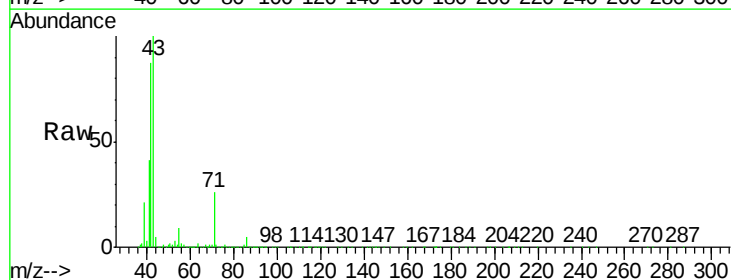
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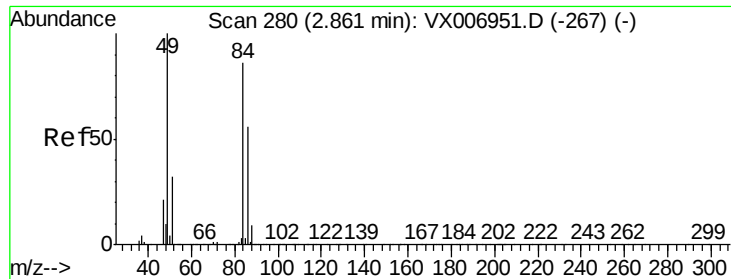
Tot Ion: 43 Resp: 2550
Ion Ratio Lower Upper
43 100
58 28.6 25.0 37.6



#18
Methyl Acetate
Concen: 25.358 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.06 min
Lab File: VX007090.D
Acq: 17 Jan 2019 15:49

Tgt Ion: 43 Resp: 224979
Ion Ratio Lower Upper
43 100
74 0.1 18.6 28.0#

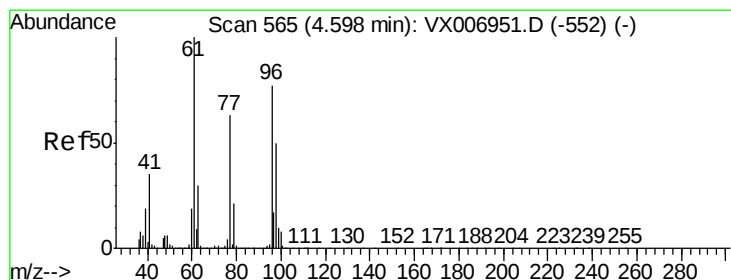
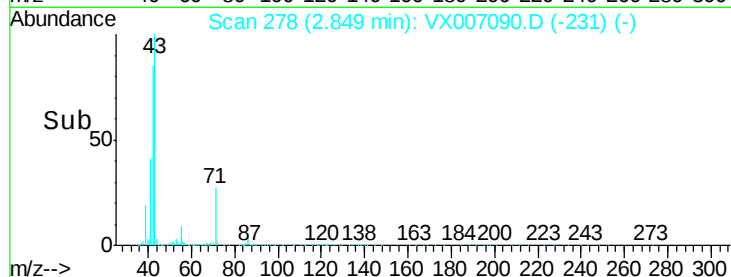
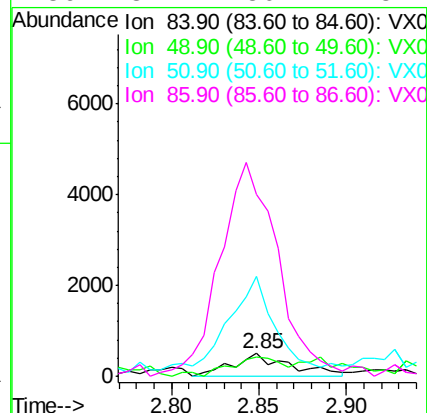
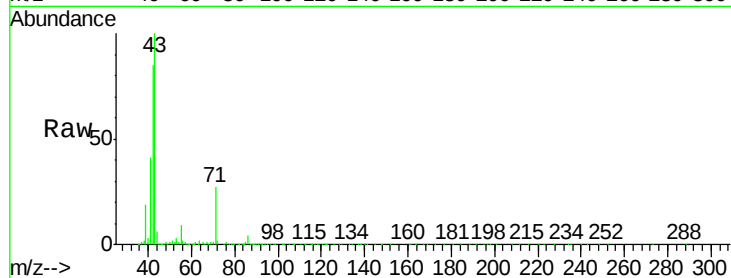




#20
Methvlene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX007090.D
Acq: 17 Jan 2019 15:49

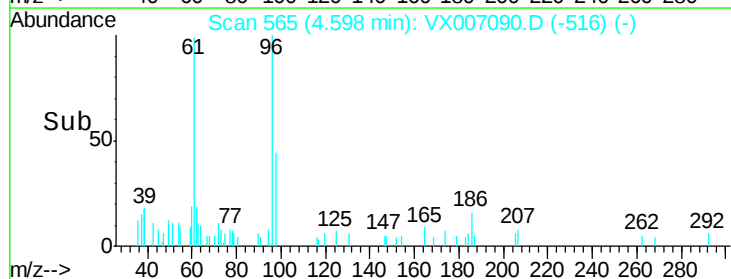
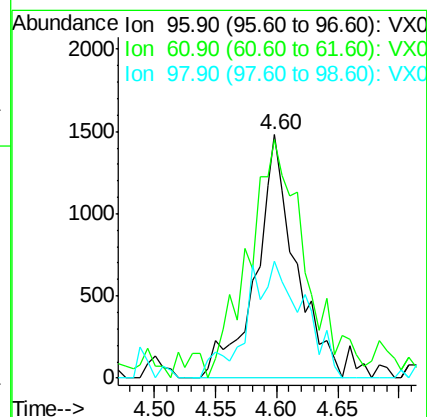
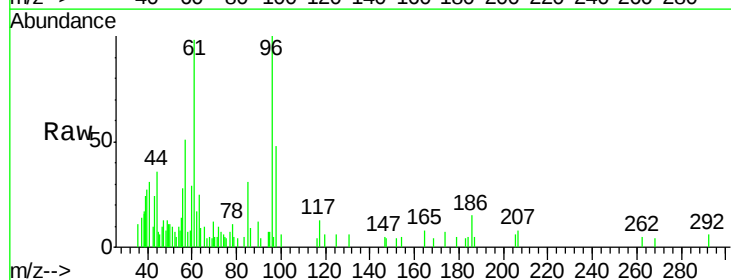
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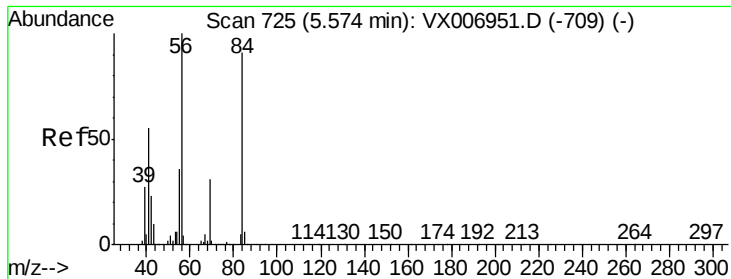
Tot Ion: 84 Resp: 1142
Ion Ratio Lower Upper
84 100
49 66.3 91.8 137.6#
51 399.2 28.5 42.7#
86 787.7 50.2 75.2#



#27
cis-1,2-Dichloroethene
Concen: 0.499 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007090.D
Acq: 17 Jan 2019 15:49

Tgt Ion: 96 Resp: 3342
Ion Ratio Lower Upper
96 100
61 141.2 0.0 258.6
98 62.9 0.0 132.0

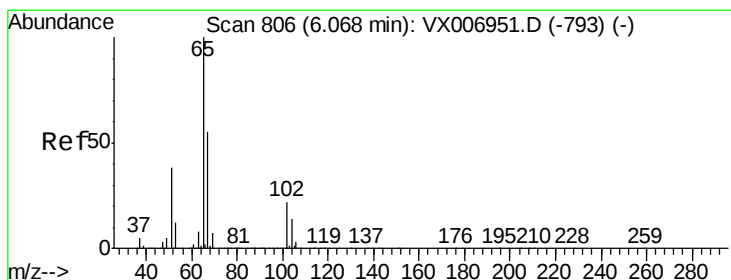
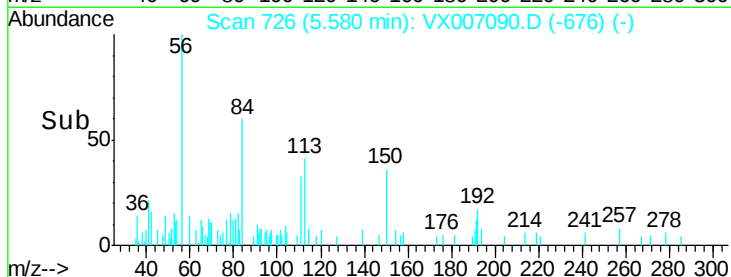
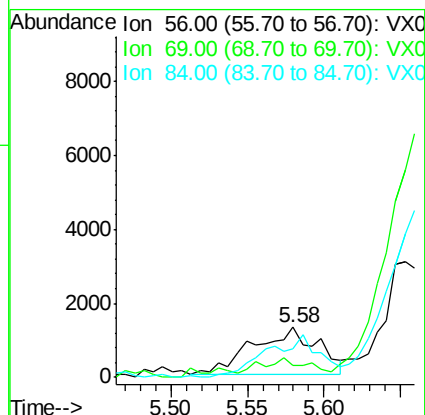
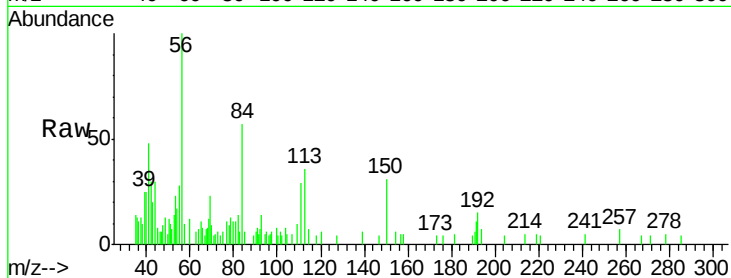




#31
Cyclohexane
Concen: 0.441 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007090.D
Acq: 17 Jan 2019 15:49

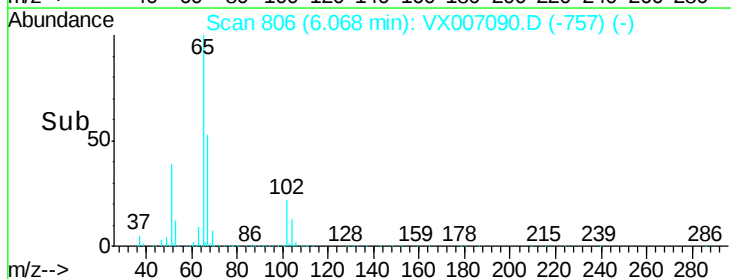
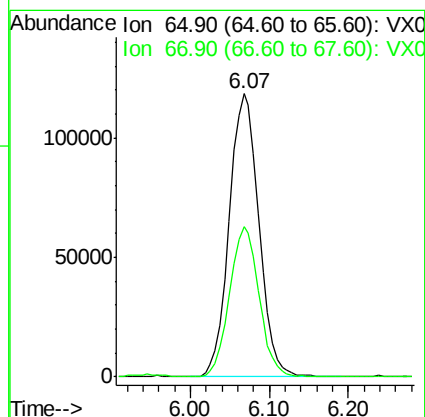
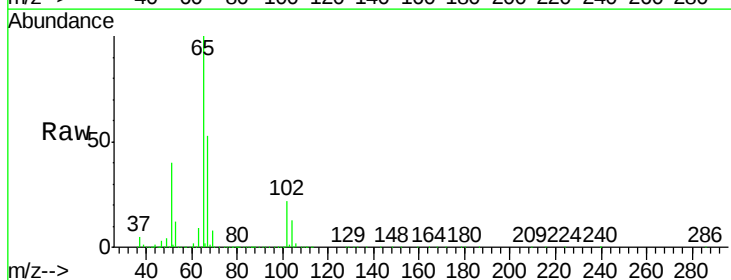
Instrument :
MSVOA_X
ClientSampleId :
SS038MW103-190115

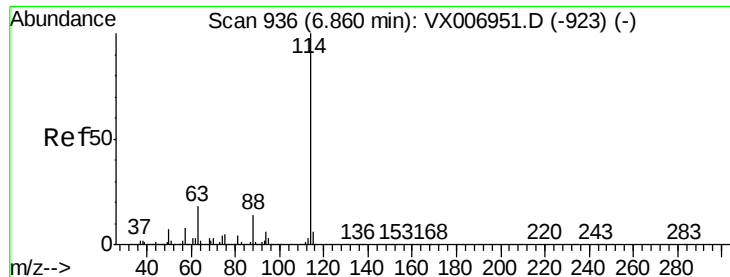
Tot Ion: 56 Resp: 3853
Ion Ratio Lower Upper
56 100
69 7.8 24.4 36.6#
84 55.0 70.0 105.0#



#33
1,2-Dichloroethane-d4
Concen: 49.969 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007090.D
Acq: 17 Jan 2019 15:49

Tgt Ion: 65 Resp: 309661
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007090.D

Acq: 17 Jan 2019 15:49

Instrument :

MSVOA_X

ClientSampleId :

SS038MW103-190115

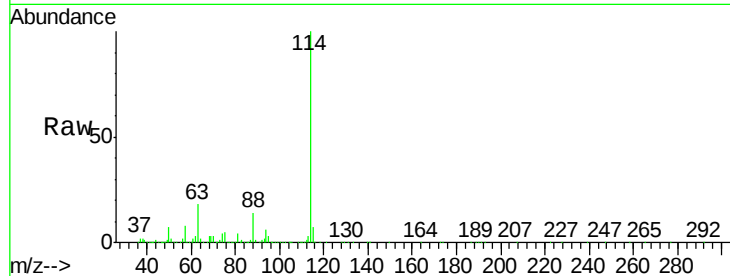
Tot Ion:114 Resp: 914072

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.8

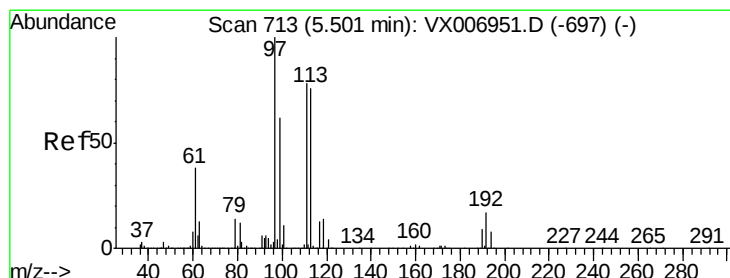
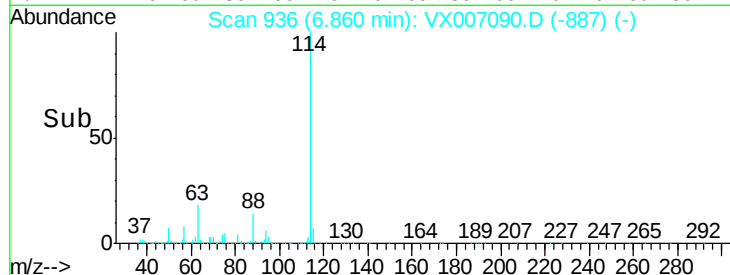
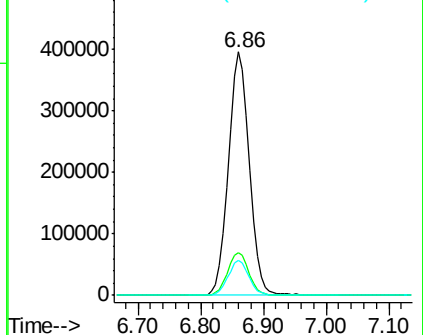
88 14.4 0.0 28.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 46.734 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007090.D

Acq: 17 Jan 2019 15:49

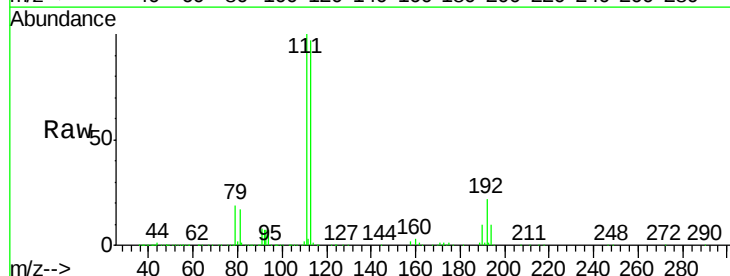
Tgt Ion:113 Resp: 273563

Ion Ratio Lower Upper

113 100

111 102.8 81.6 122.4

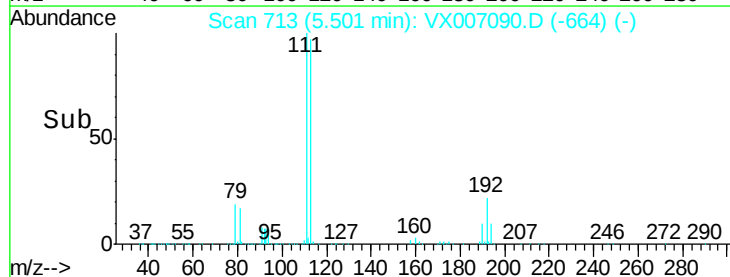
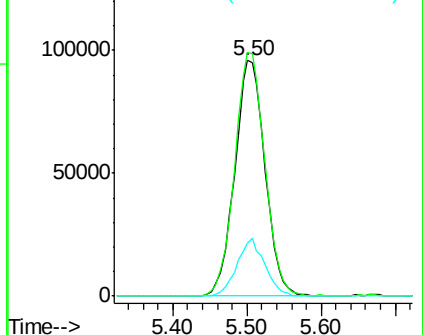
192 22.6 16.7 25.1

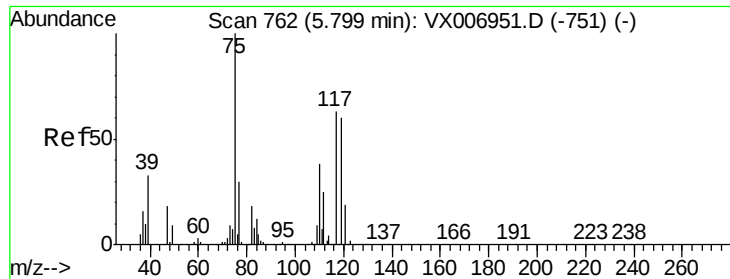


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.737 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX007090.D

Acq: 17 Jan 2019 15:49

Instrument :

MSVOA_X

ClientSampleId :

SS038MW103-190115

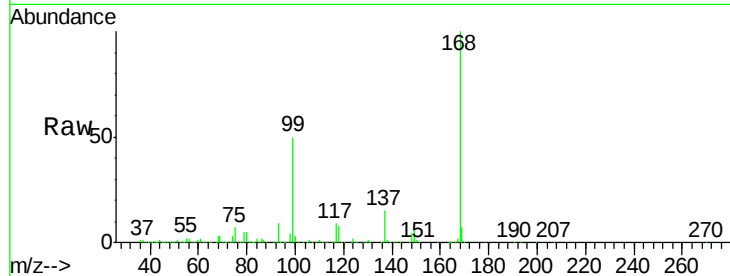
Tot Ion: 75 Resp: 37648

Ion Ratio Lower Upper

75 100

110 10.8 20.2 60.5#

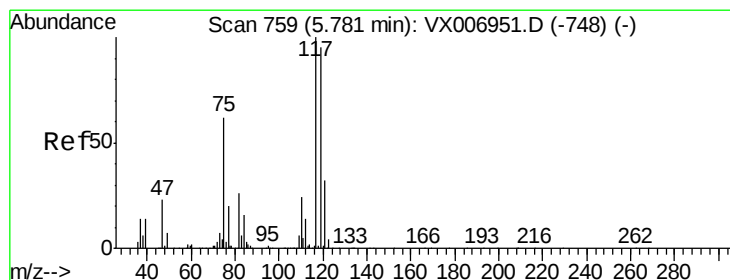
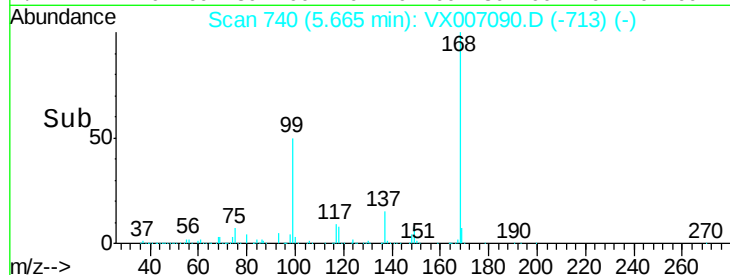
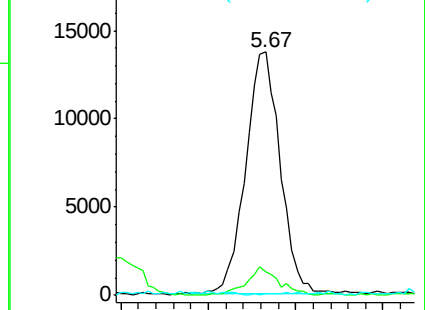
77 0.4 24.8 37.2#



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: 6.800 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX007090.D

Acq: 17 Jan 2019 15:49

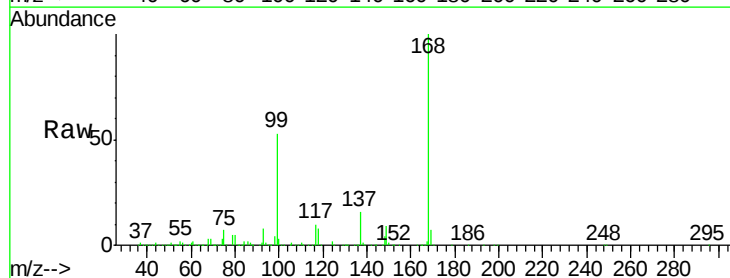
Tgt Ion: 117 Resp: 54369

Ion Ratio Lower Upper

117 100

119 4.6 79.4 119.2#

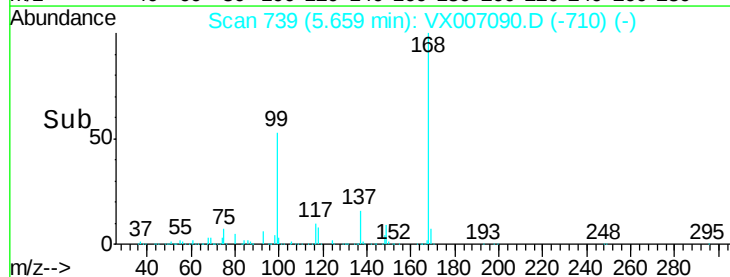
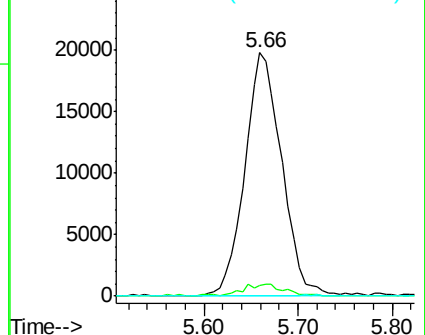
121 0.0 24.0 36.0#

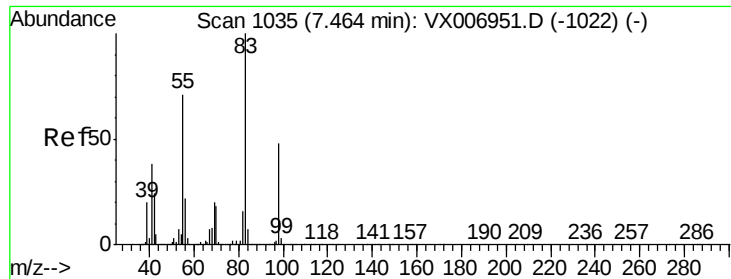


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

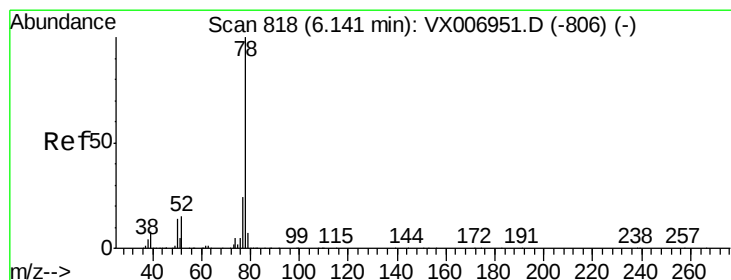
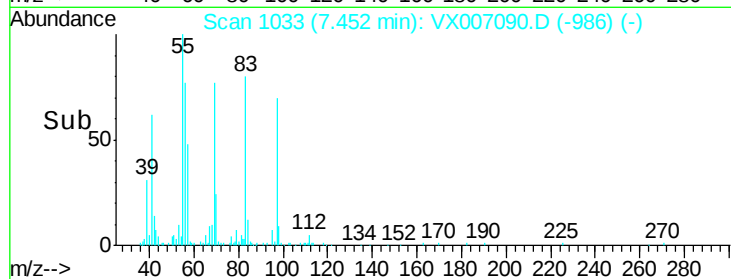
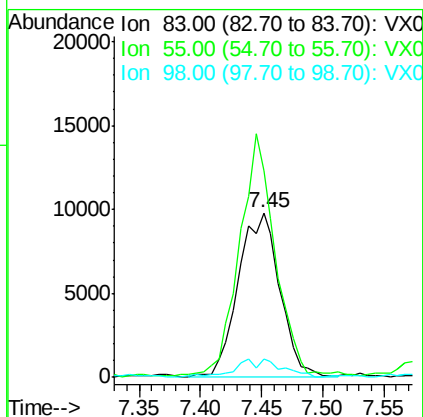
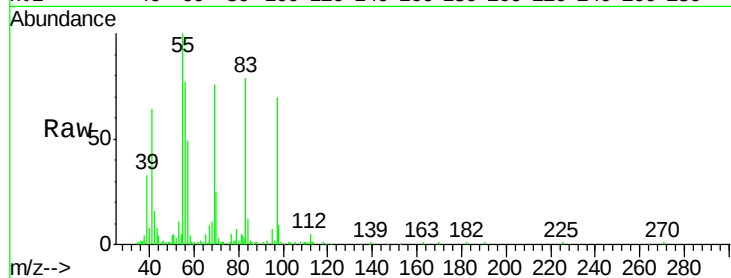




#39
Methylvlcvclohexane
Concen: 2.297 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX007090.D
Acq: 17 Jan 2019 15:49

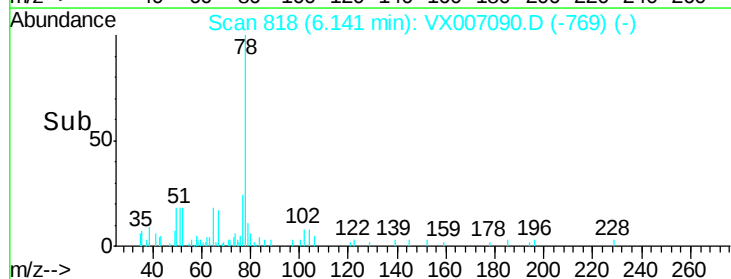
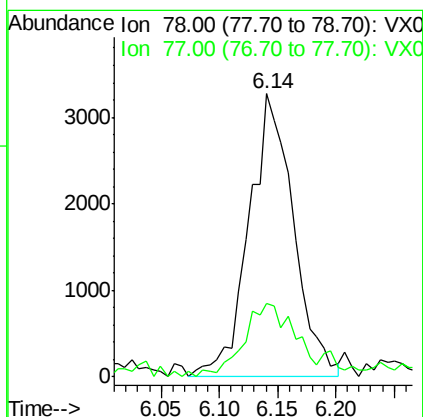
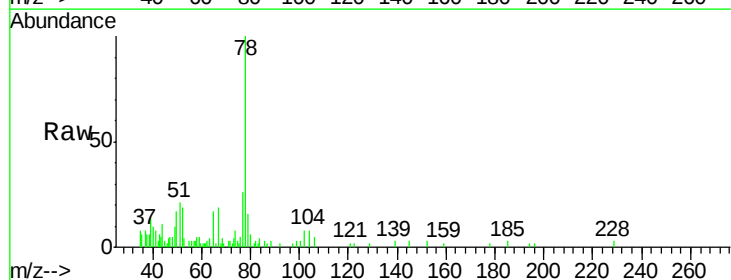
Instrument :
MSVOA_X
ClientSampleId :
SS038MW103-190115

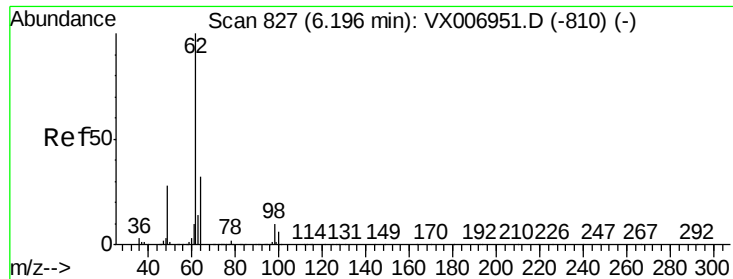
Tot Ion: 83 Resp: 23271
Ion Ratio Lower Upper
83 100
55 123.8 54.9 82.3#
98 10.4 37.9 56.9#



#40
Benzene
Concen: 0.358 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007090.D
Acq: 17 Jan 2019 15:49

Tgt Ion: 78 Resp: 8693
Ion Ratio Lower Upper
78 100
77 24.5 19.2 28.8





#42

1,2-Dichloroethane

Concen: 0.217 ug/l

RT: 6.21 min Scan# 829

Delta R.T. 0.01 min

Lab File: VX007090.D

Acq: 17 Jan 2019 15:49

Instrument :

MSVOA_X

ClientSampleId :

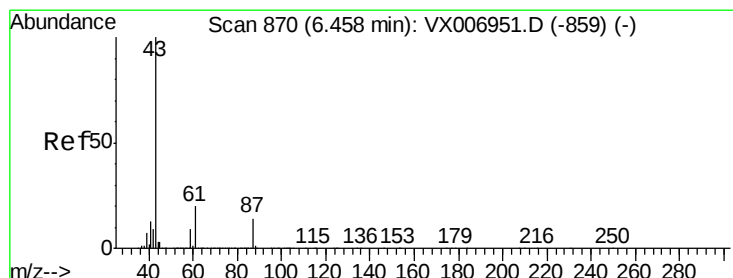
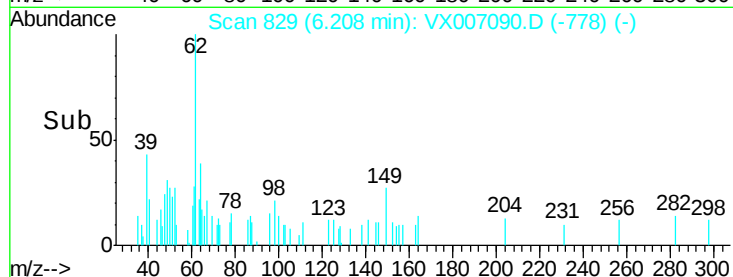
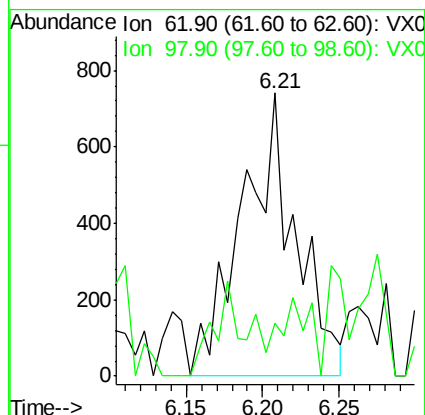
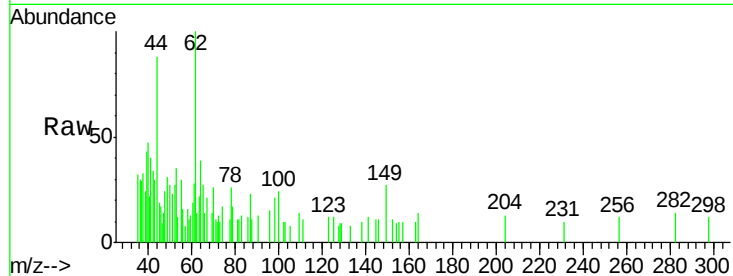
SS038MW103-190115

Tot Ion: 62 Resp: 1820

Ion Ratio Lower Upper

62 100

98 15.3 0.0 20.2



#43

Isopropyl Acetate

Concen: 7.054 ug/l

RT: 6.34 min Scan# 851

Delta R.T. -0.12 min

Lab File: VX007090.D

Acq: 17 Jan 2019 15:49

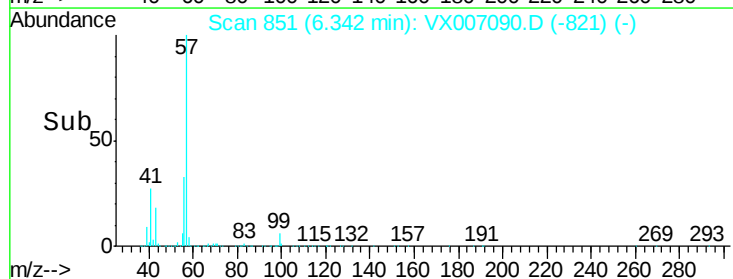
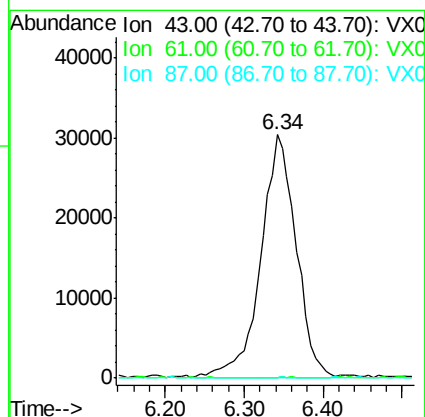
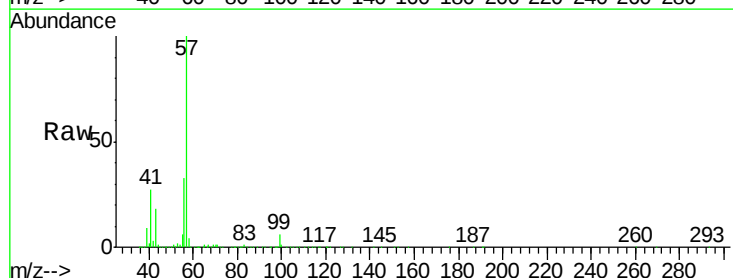
Tgt Ion: 43 Resp: 94796

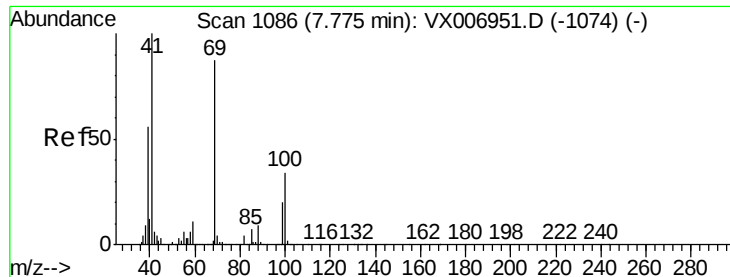
Ion Ratio Lower Upper

43 100

61 0.3 16.8 25.2#

87 0.2 12.4 18.6#





#48

Methvl methacrylate

Concen: 2.257 ug/l

RT: 7.85 min Scan# 1098

Delta R.T. 0.07 min

Lab File: VX007090.D

Acq: 17 Jan 2019 15:49

Instrument :

MSVOA_X

ClientSampleId :

SS038MW103-190115

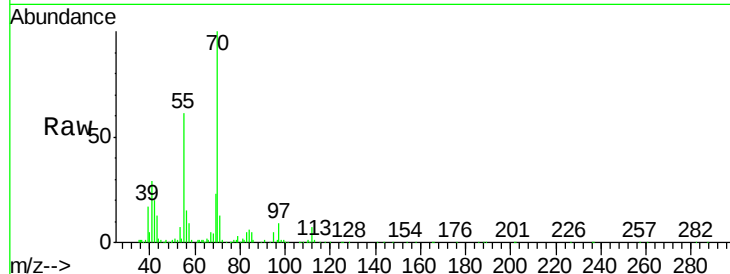
Tot Ion: 41 Resp: 15576

Ion Ratio Lower Upper

41 100

69 86.9 72.4 108.6

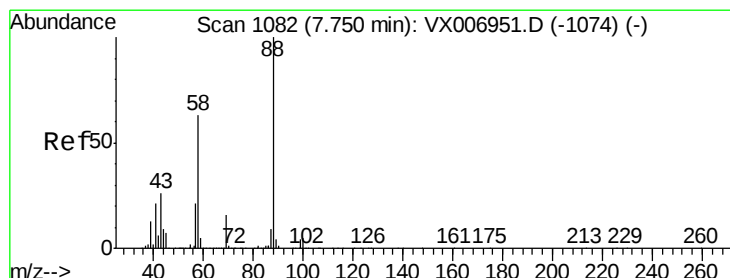
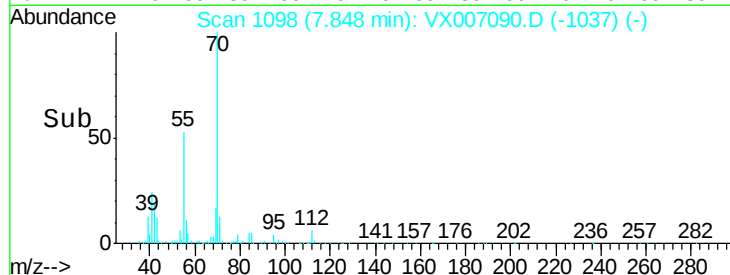
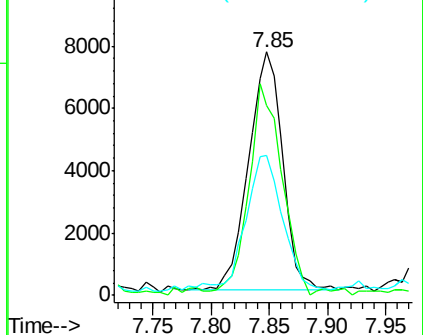
39 60.9 45.8 68.8



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



#49

1,4-Dioxane

Concen: Below Cal

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX007090.D

Acq: 17 Jan 2019 15:49

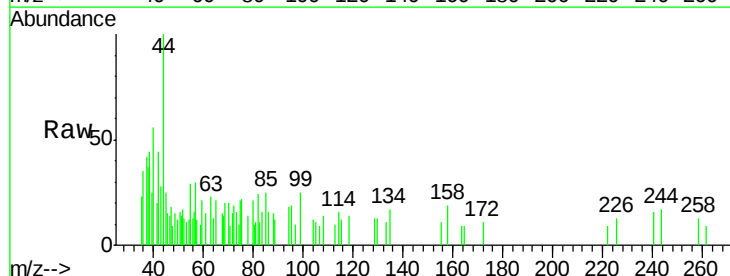
Tgt Ion: 88 Resp: 137

Ion Ratio Lower Upper

88 100

43 0.0 22.2 33.4#

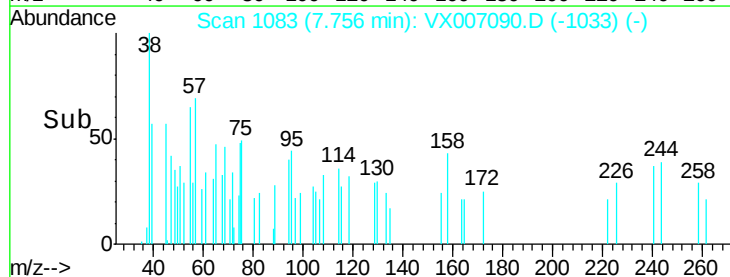
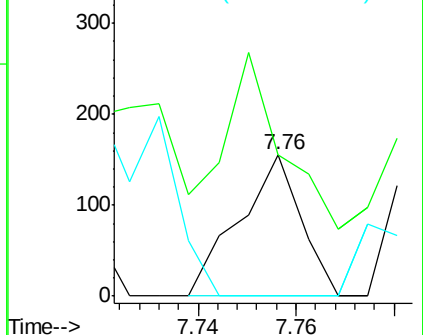
58 0.0 51.0 76.4#

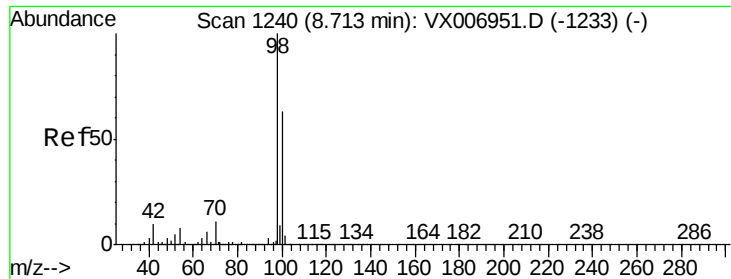


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 50.911 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007090.D

Acq: 17 Jan 2019 15:49

Instrument :

MSVOA_X

ClientSampleId :

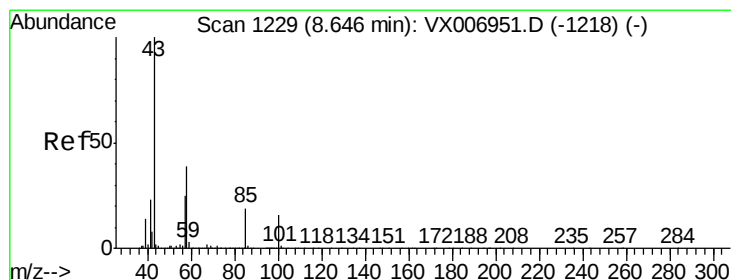
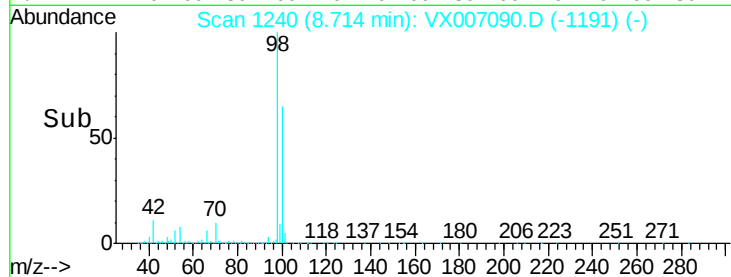
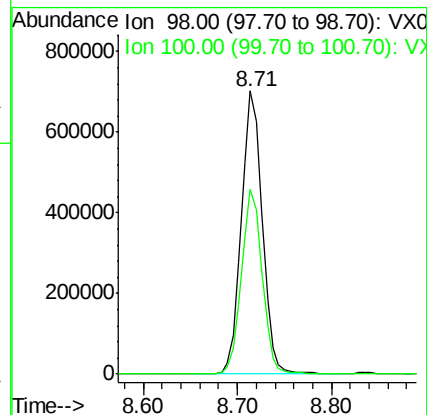
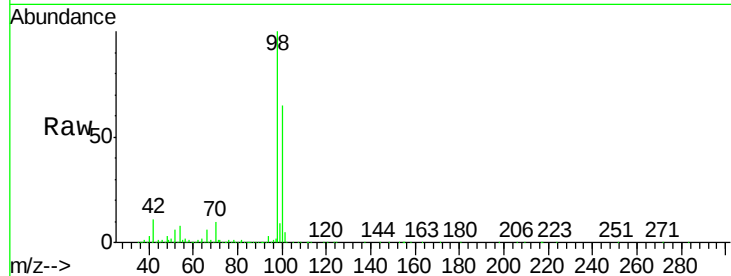
SS038MW103-190115

Tot Ion: 98 Resp: 1090826

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 0.814 ug/l

RT: 8.68 min Scan# 1234

Delta R.T. 0.03 min

Lab File: VX007090.D

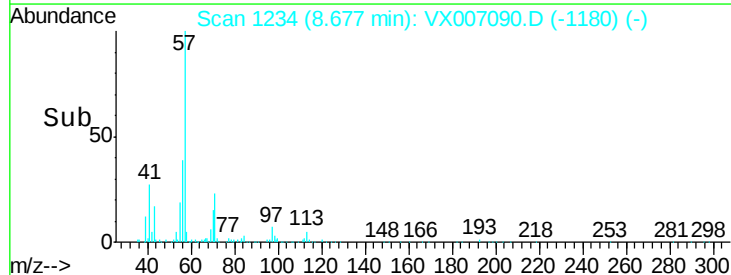
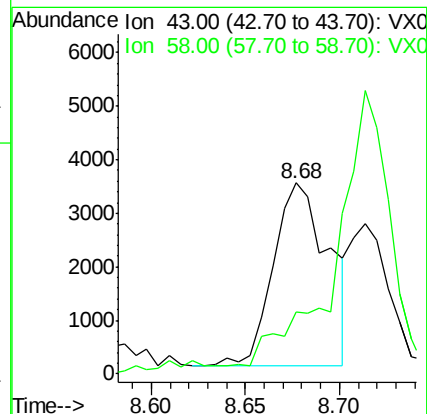
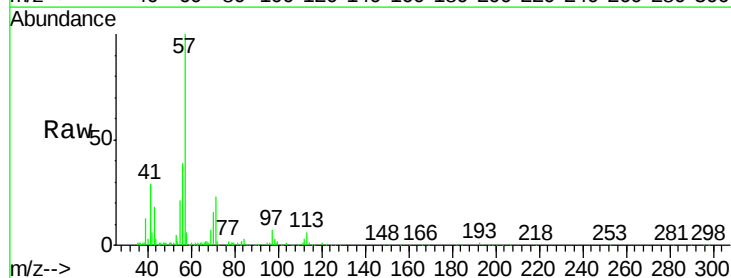
Acq: 17 Jan 2019 15:49

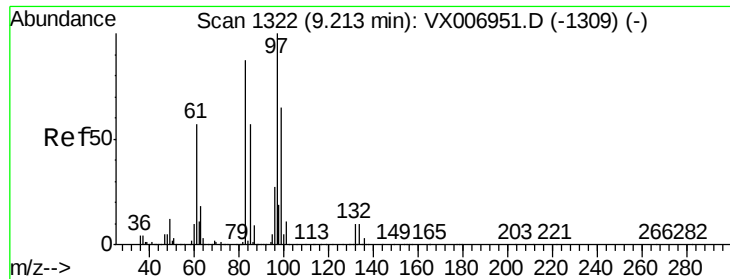
Tgt Ion: 43 Resp: 7030

Ion Ratio Lower Upper

43 100

58 0.0 31.8 47.6#





#55

1,1,2-Trichloroethane

Concen: 2.028 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX007090.D

Acq: 17 Jan 2019 15:49

Instrument :

MSVOA_X

ClientSampleId :

SS038MW103-190115

Tot Ion: 97 Resp: 12650

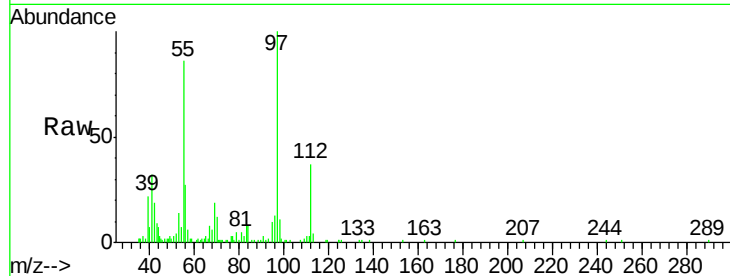
Ion Ratio Lower Upper

97 100

83 6.9 66.6 99.8#

85 1.0 42.7 64.1#

99 2.0 50.8 76.2#

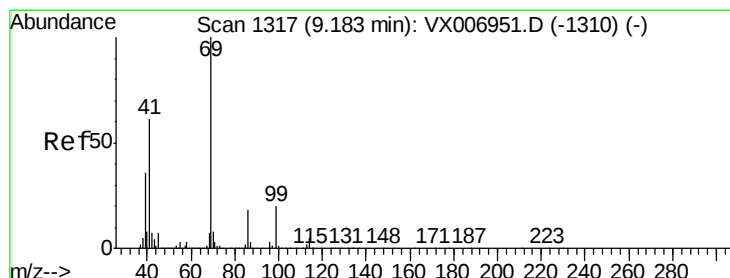
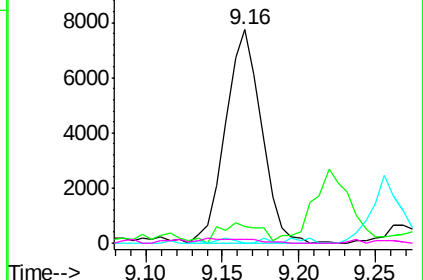
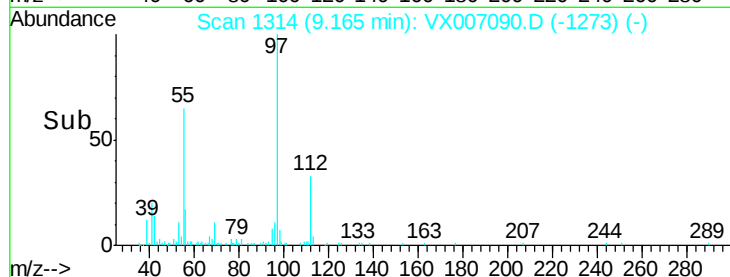


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 0.298 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.02 min

Lab File: VX007090.D

Acq: 17 Jan 2019 15:49

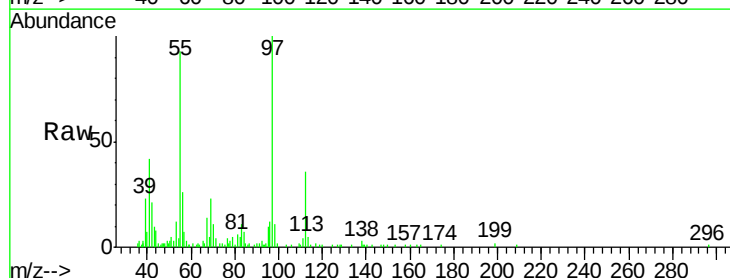
Tgt Ion: 69 Resp: 2714

Ion Ratio Lower Upper

69 100

41 173.7 48.7 73.1#

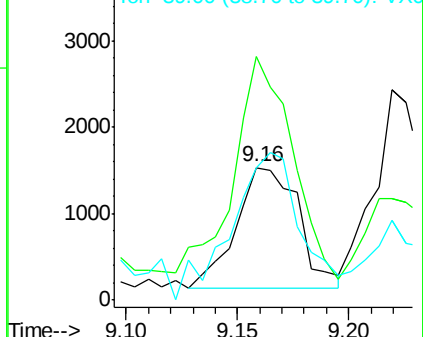
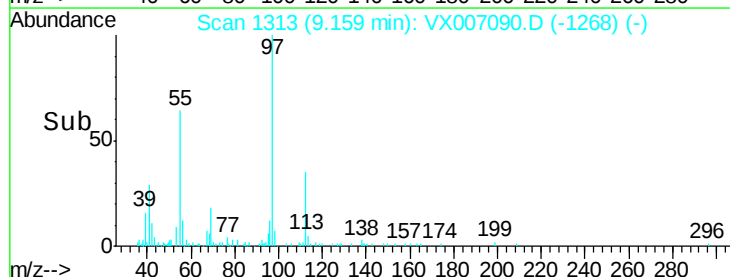
39 137.8 27.0 40.6#

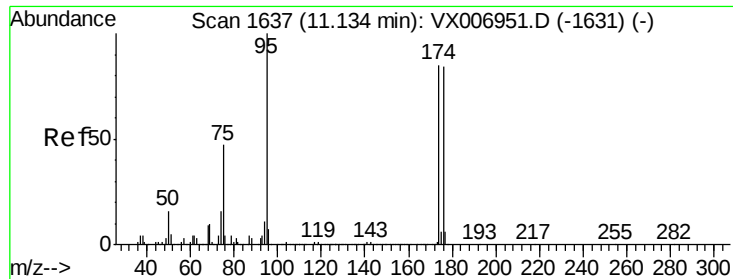


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

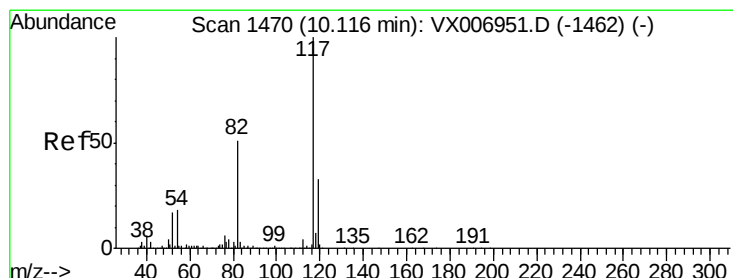
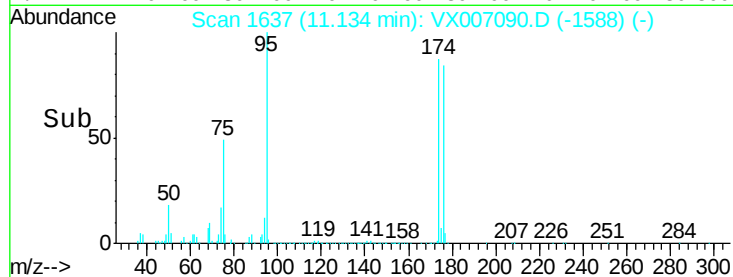
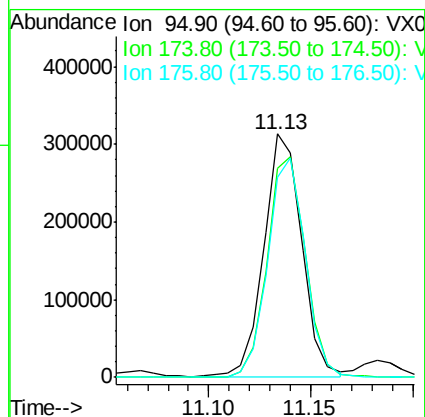
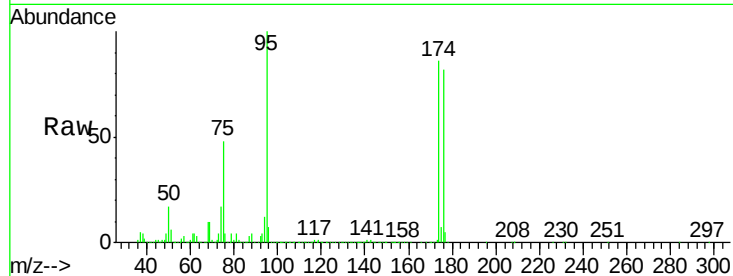




#62
4-Bromofluorobenzene
Concen: 53.863 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007090.D
Acq: 17 Jan 2019 15:49

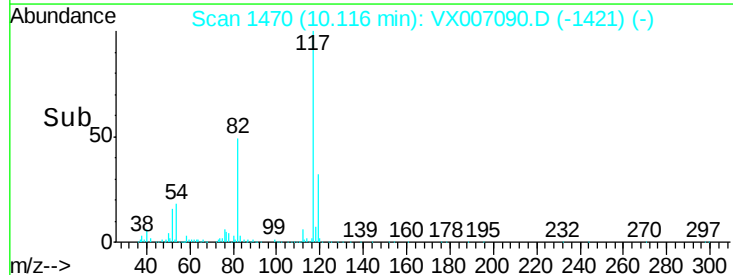
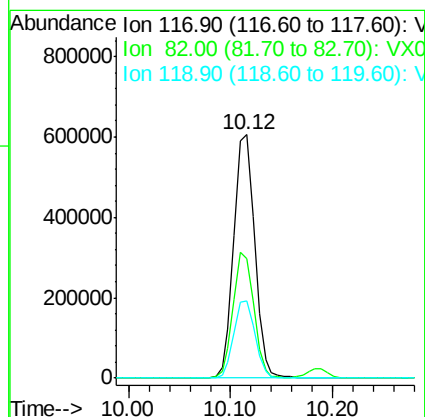
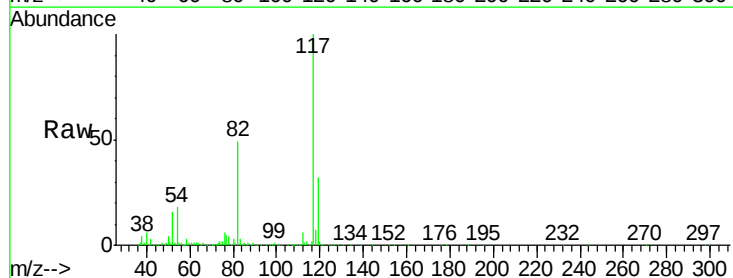
Instrument :
MSVOA_X
ClientSampleId :
SS038MW103-190115

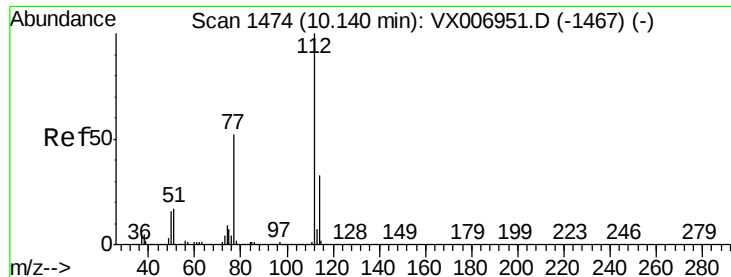
Tot Ion: 95 Resp: 402342
Ion Ratio Lower Upper
95 100
174 92.4 0.0 182.2
176 90.3 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX007090.D
Acq: 17 Jan 2019 15:49

Tgt Ion: 117 Resp: 860191
Ion Ratio Lower Upper
117 100
82 48.8 41.0 61.6
119 31.9 25.4 38.0





#65

Chlorobenzene

Concen: 74.136 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007090.D

Acq: 17 Jan 2019 15:49

Instrument :

MSVOA_X

ClientSampleId :

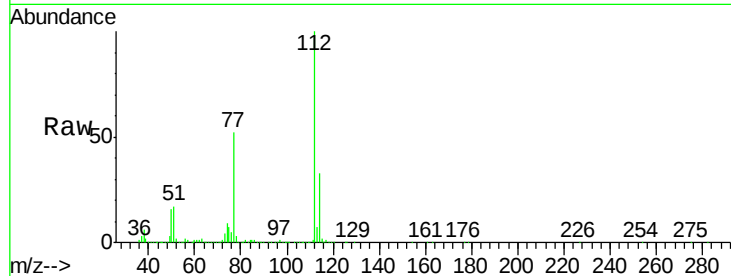
SS038MW103-190115

Tot Ion:112 Resp: 1390873

Ion Ratio Lower Upper

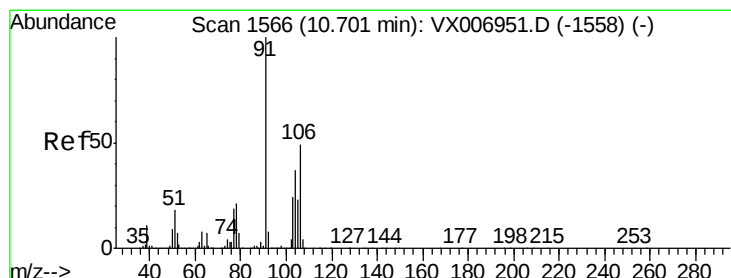
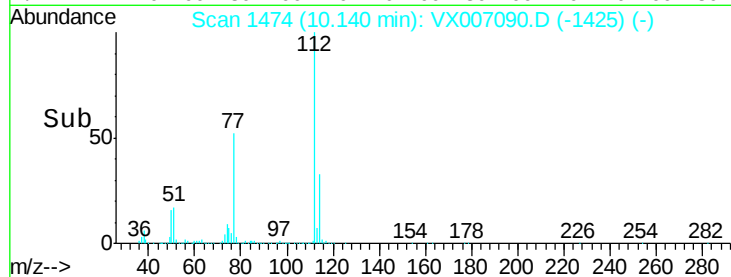
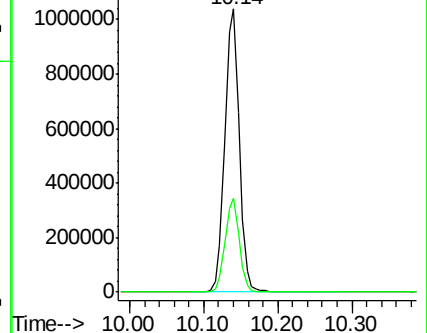
112 100

114 33.0 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#69

o-Xylene

Concen: 0.285 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VX007090.D

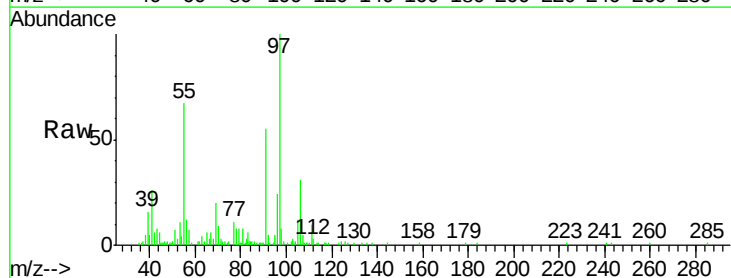
Acq: 17 Jan 2019 15:49

Tgt Ion:106 Resp: 3387

Ion Ratio Lower Upper

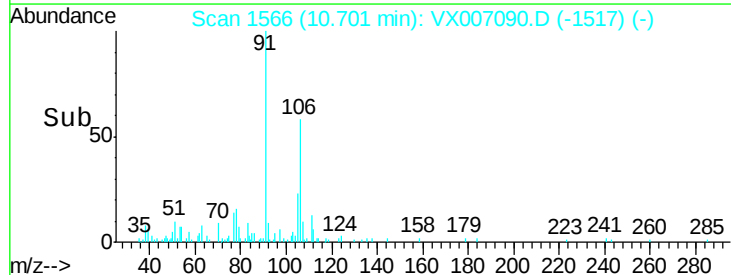
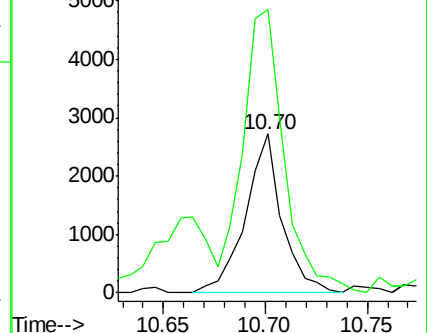
106 100

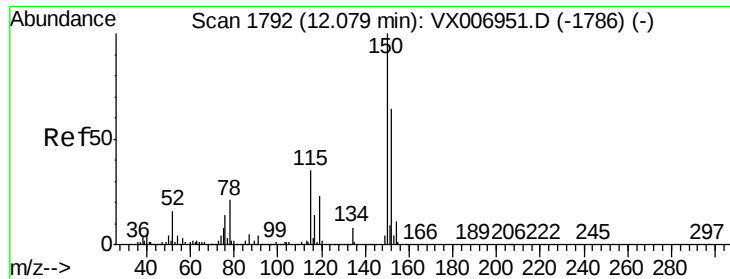
91 201.5 101.3 303.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007090.D

Acq: 17 Jan 2019 15:49

Instrument :

MSVOA_X

ClientSampleId :

SS038MW103-190115

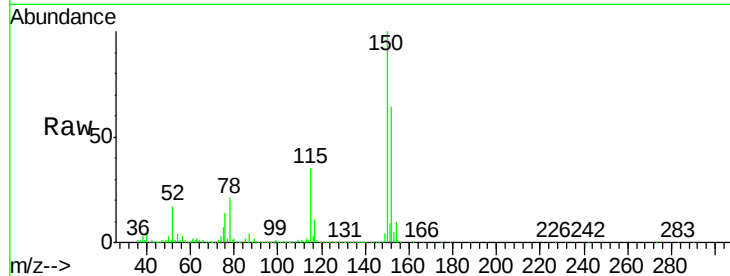
Tot Ion:152 Resp: 437641

Ion Ratio Lower Upper

152 100

115 54.7 39.1 117.2

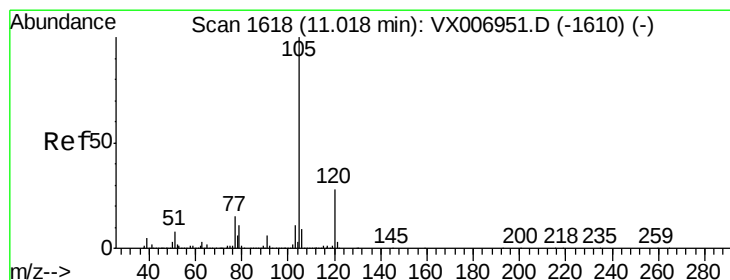
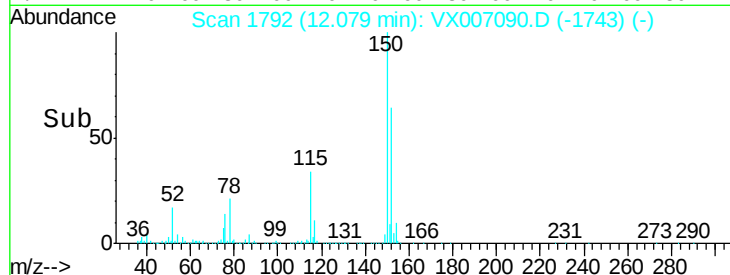
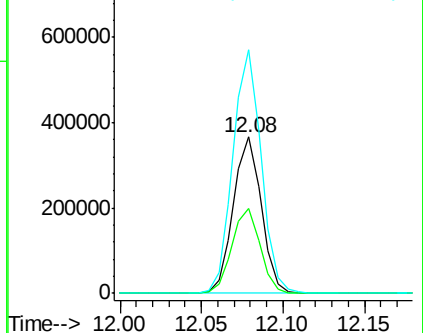
150 157.5 0.0 344.8



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: 1.327 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007090.D

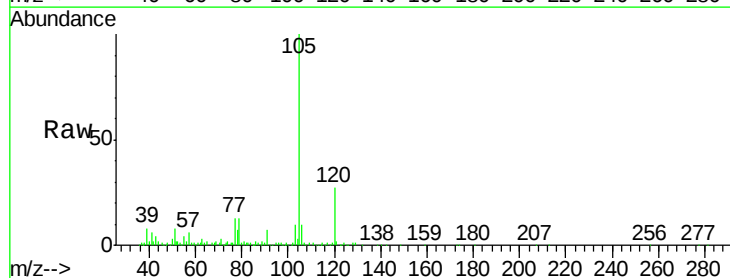
Acq: 17 Jan 2019 15:49

Tgt Ion:105 Resp: 40966

Ion Ratio Lower Upper

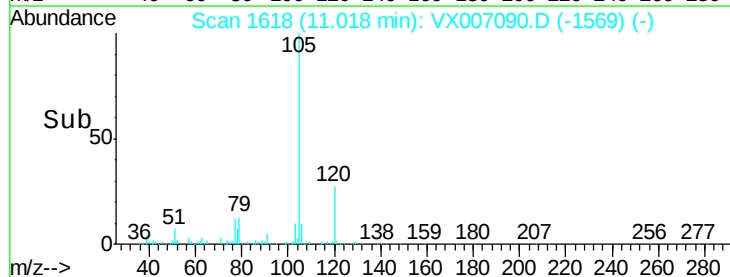
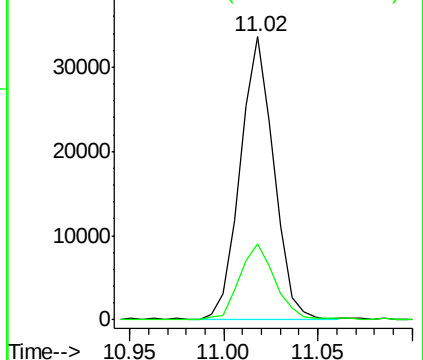
105 100

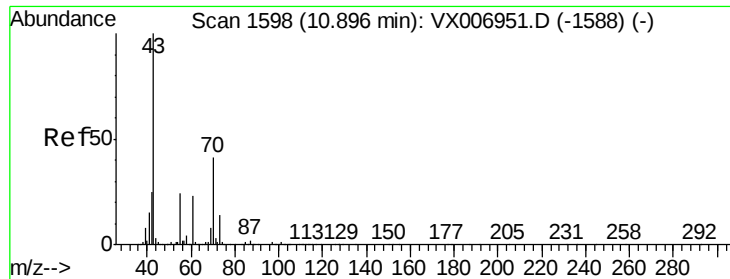
120 29.3 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.564 ug/l

RT: 10.94 min Scan# 1606

Delta R.T. 0.05 min

Lab File: VX007090.D

Acq: 17 Jan 2019 15:49

Instrument :

MSVOA_X

ClientSampleId :

SS038MW103-190115

Tot Ion: 43 Resp: 7002

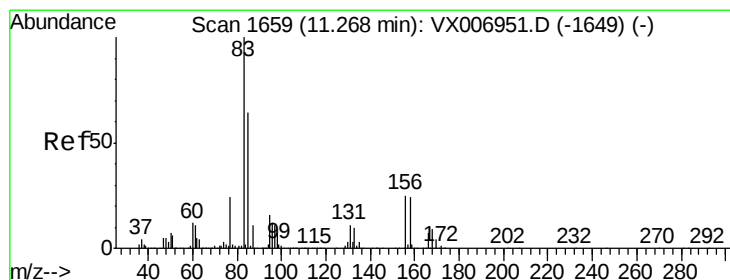
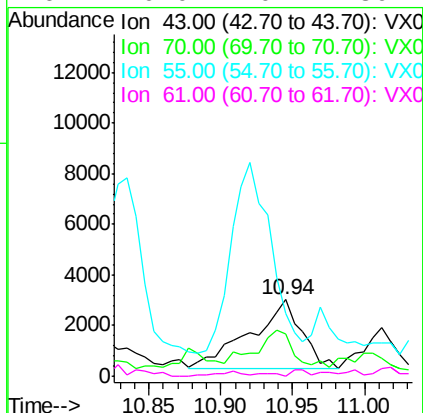
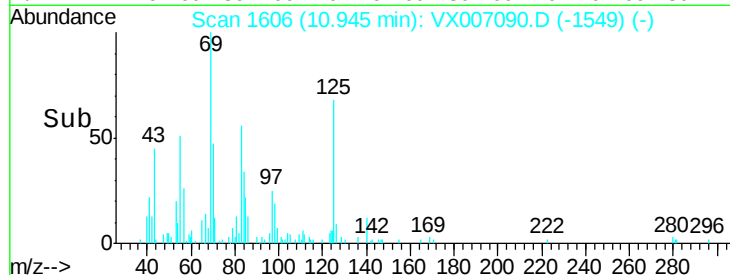
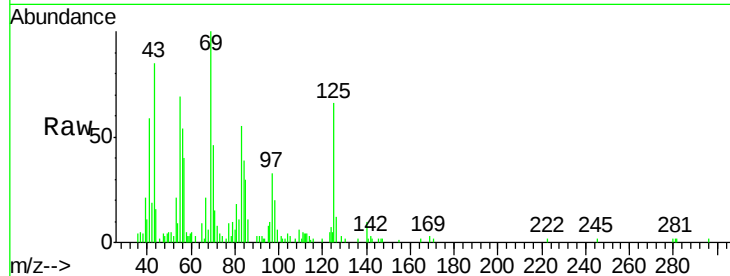
Ion Ratio Lower Upper

43 100

70 31.2 35.8 53.8#

55 0.0 19.4 29.0#

61 0.0 20.1 30.1#



#75

1,1,2,2-Tetrachloroethane

Concen: 0.493 ug/l

RT: 11.28 min Scan# 1661

Delta R.T. 0.01 min

Lab File: VX007090.D

Acq: 17 Jan 2019 15:49

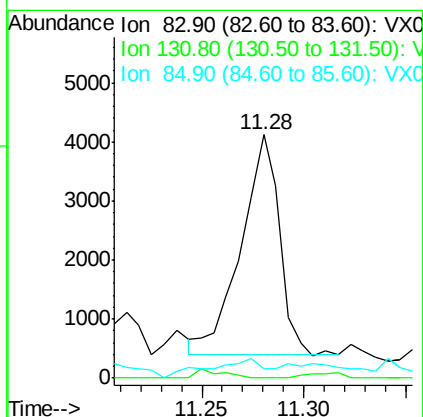
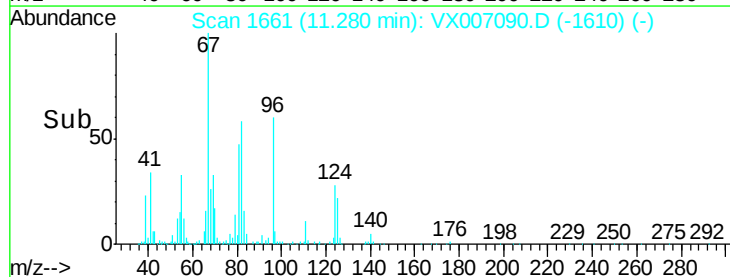
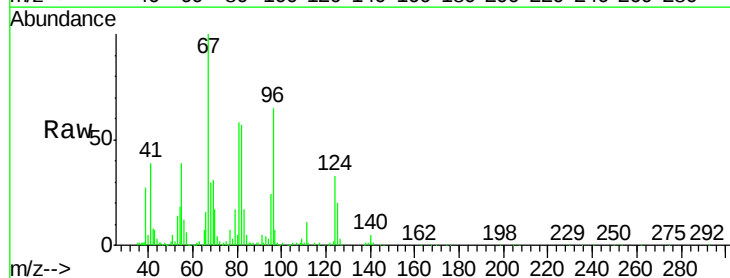
Tgt Ion: 83 Resp: 4831

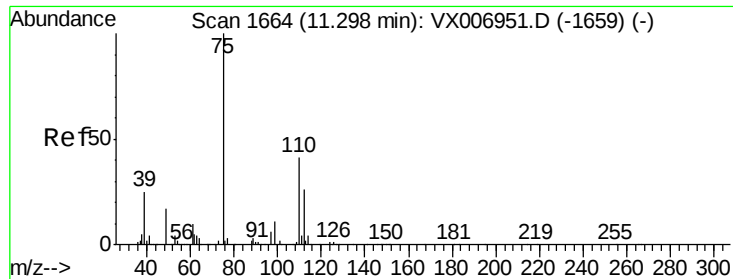
Ion Ratio Lower Upper

83 100

131 0.0 5.7 17.1#

85 13.1 32.2 96.6#





#76

1,2,3-Trichloropropane

Concen: 21.687 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007090.D

Acq: 17 Jan 2019 15:49

Instrument :

MSVOA_X

ClientSampleId :

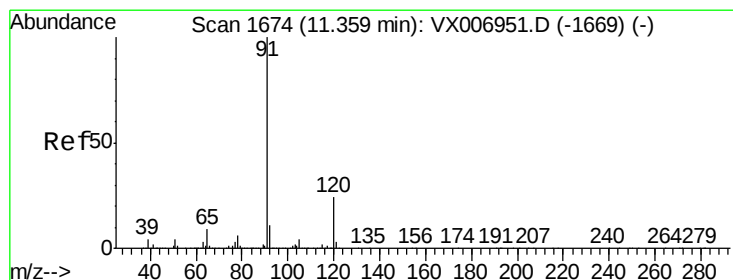
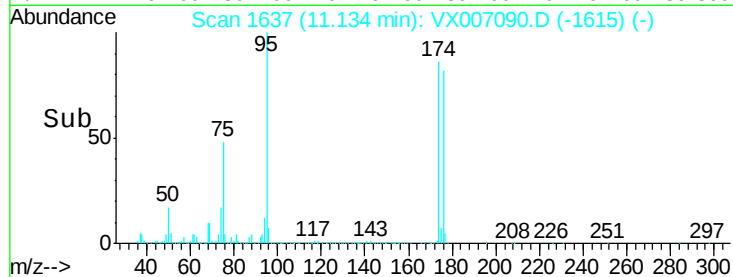
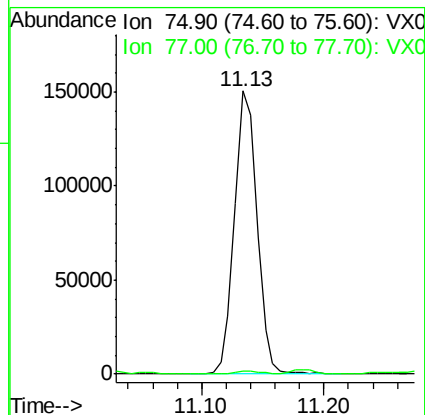
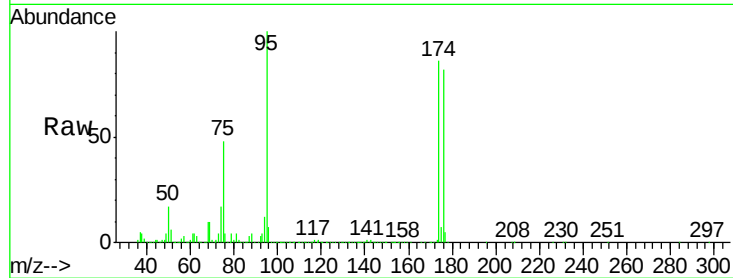
SS038MW103-190115

Tot Ion: 75 Resp: 192335

Ion Ratio Lower Upper

75 100

77 1.0 18.5 55.5#



#78

n-propylbenzene

Concen: 0.216 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007090.D

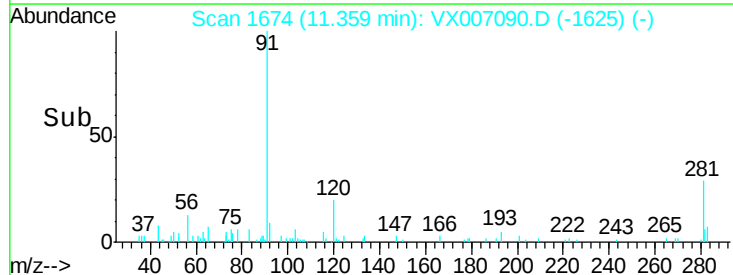
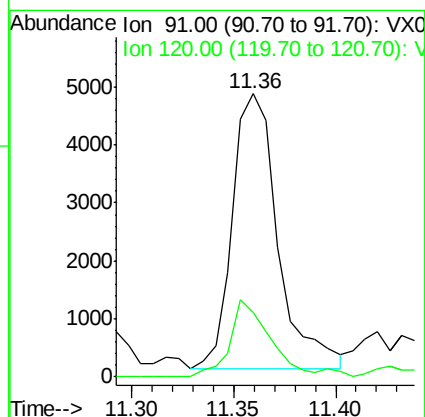
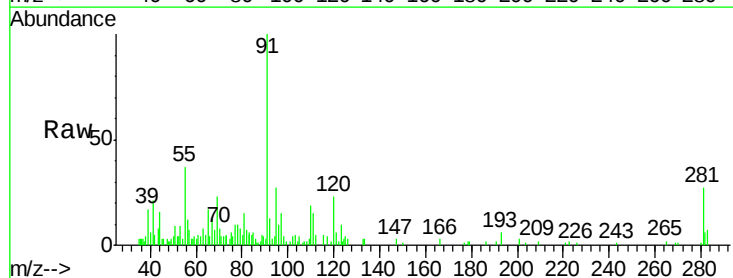
Acq: 17 Jan 2019 15:49

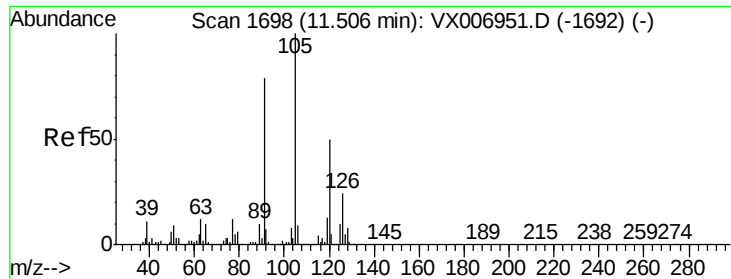
Tgt Ion: 91 Resp: 7323

Ion Ratio Lower Upper

91 100

120 25.2 12.7 38.0

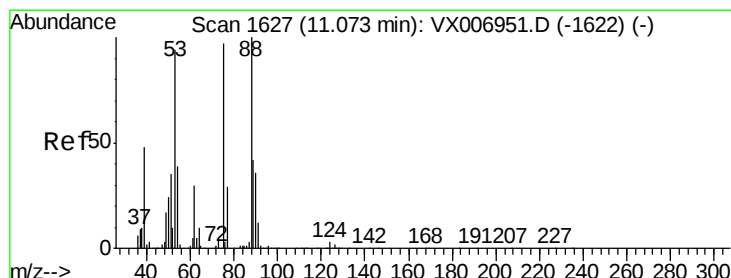
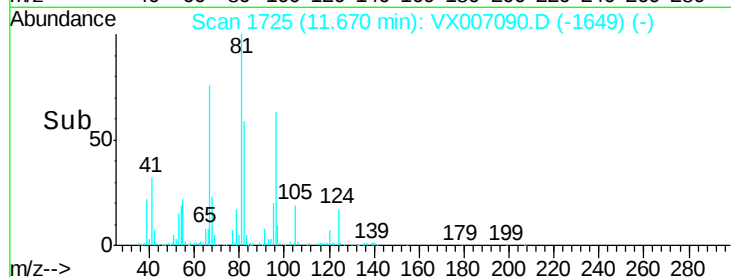
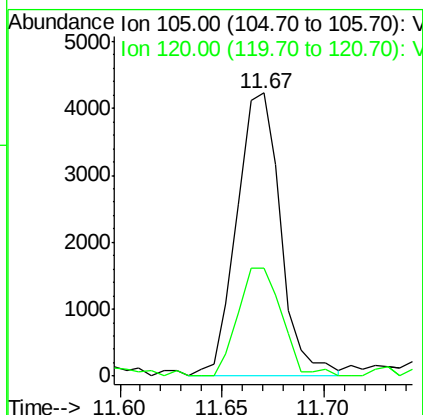
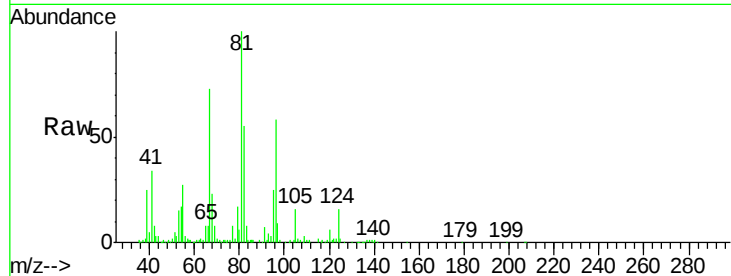




#80
 1,3,5-Trimethylbenzene
 Concen: 0.246 ug/l
 RT: 11.67 min Scan# 1725
 Delta R.T. 0.16 min
 Lab File: VX007090.D
 Acq: 17 Jan 2019 15:49

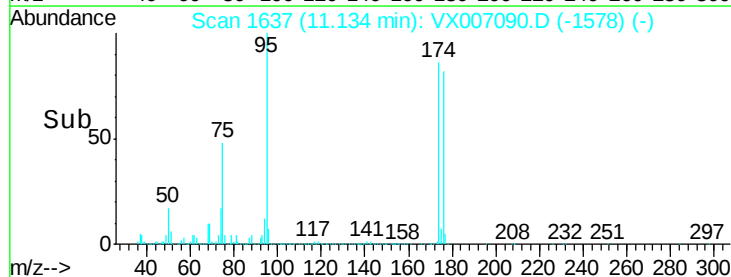
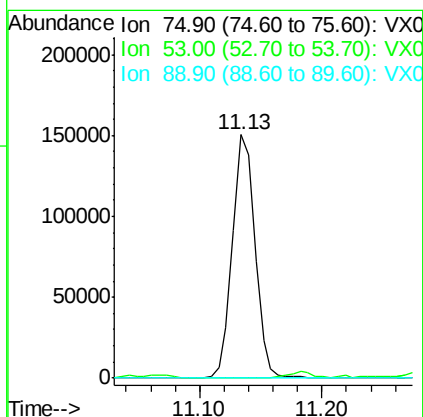
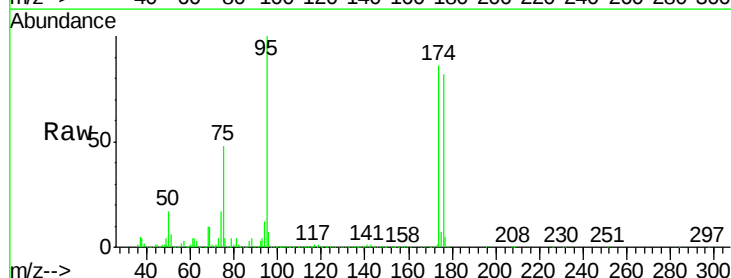
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038MW103-190115

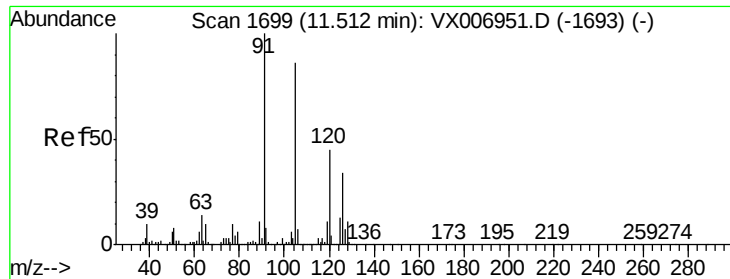
Tot Ion: 105 Resp: 6338
 Ion Ratio Lower Upper
 105 100
 120 38.0 25.1 75.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.280 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX007090.D
 Acq: 17 Jan 2019 15:49

Tgt Ion: 75 Resp: 192335
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.7 119.5#
 89 0.0 38.0 57.0#





#82

4-Chlorotoluene

Concen: 0.310 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.15 min

Lab File: VX007090.D

Acq: 17 Jan 2019 15:49

Instrument :

MSVOA_X

ClientSampleId :

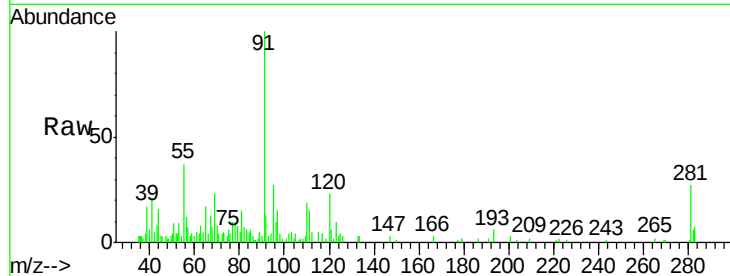
SS038MW103-190115

Tot Ion: 91 Resp: 7323

Ion Ratio Lower Upper

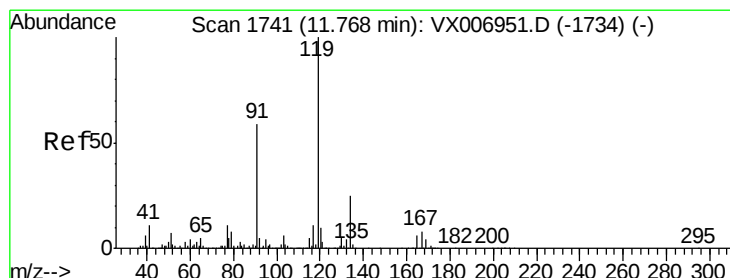
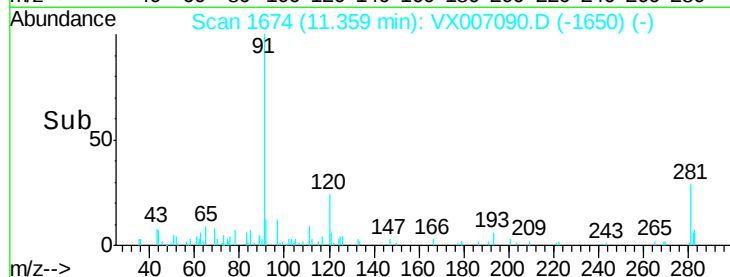
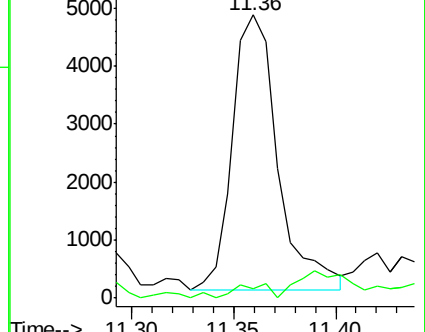
91 100

126 4.1 16.3 48.9#



Abundance Ion 91.00 (90.70 to 91.70): VX006951.D (-1693) (-)

Ion 125.90 (125.60 to 126.60): VX006951.D (-1693) (-)



#83

tert-Butylbenzene

Concen: 6.325 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007090.D

Acq: 17 Jan 2019 15:49

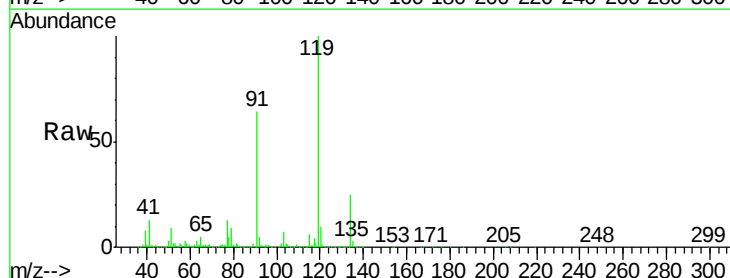
Tgt Ion: 119 Resp: 162719

Ion Ratio Lower Upper

119 100

91 64.6 27.7 83.1

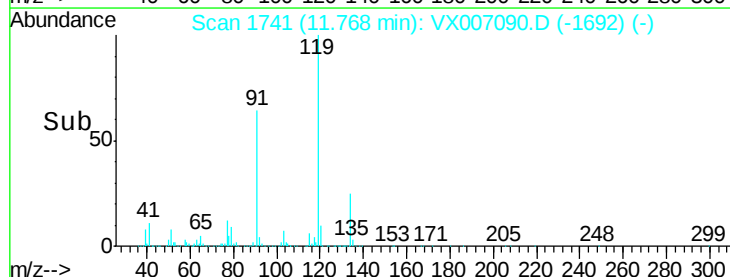
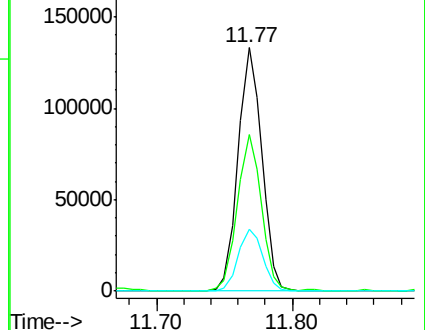
134 26.3 11.9 35.5

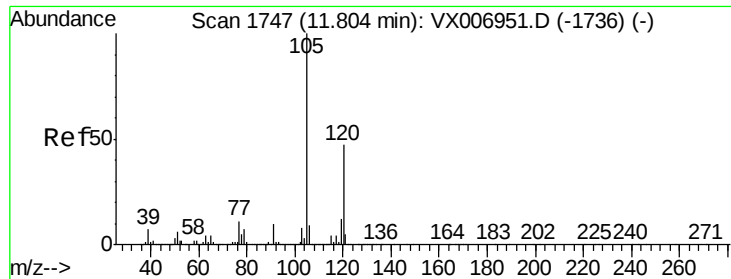


Abundance Ion 119.00 (118.70 to 119.70): VX006951.D (-1734) (-)

Ion 91.00 (90.70 to 91.70): VX006951.D (-1734) (-)

Ion 134.00 (133.70 to 134.70): VX006951.D (-1734) (-)





#84

1,2,4-Trimethylbenzene

Concen: 8.504 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.14 min

Lab File: VX007090.D

Acq: 17 Jan 2019 15:49

Instrument :

MSVOA_X

ClientSampleId :

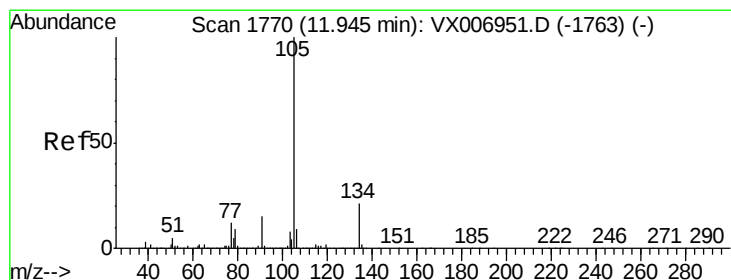
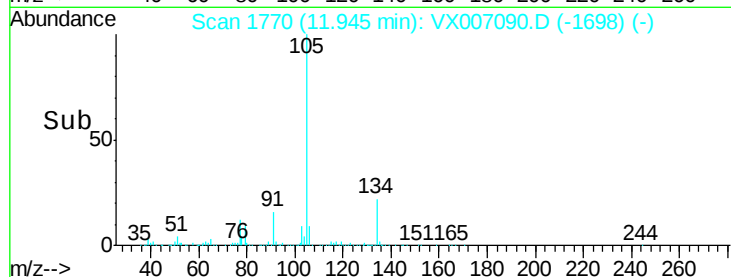
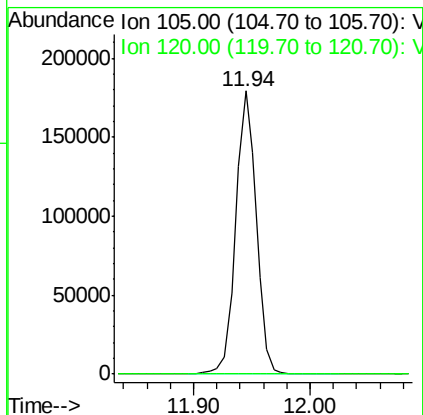
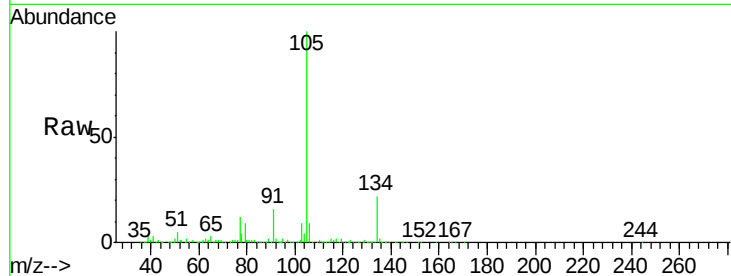
SS038MW103-190115

Tot Ion:105 Resp: 220505

Ion Ratio Lower Upper

105 100

120 0.3 23.2 69.6#



#85

sec-Butylbenzene

Concen: 7.177 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007090.D

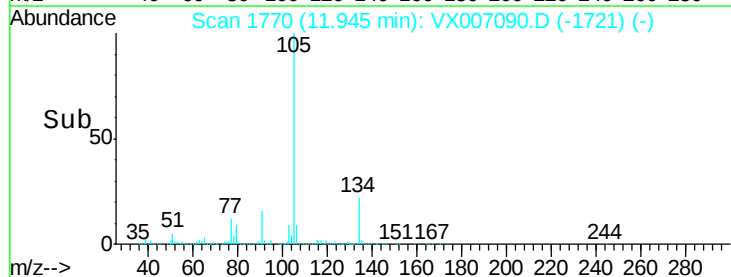
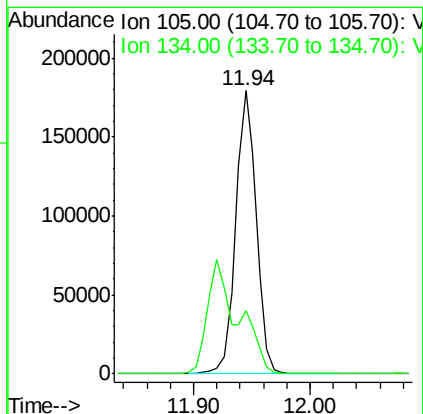
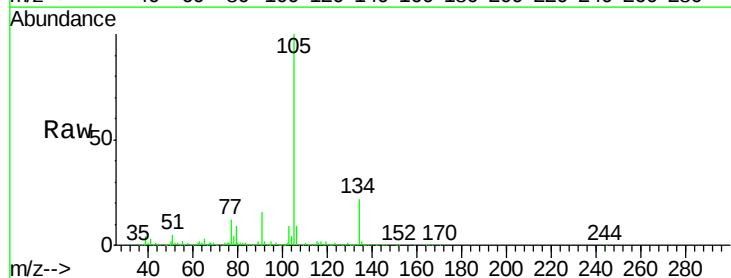
Acq: 17 Jan 2019 15:49

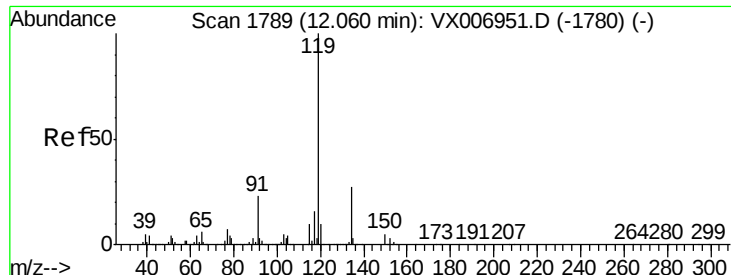
Tgt Ion:105 Resp: 220505

Ion Ratio Lower Upper

105 100

134 0.0 10.7 31.9#

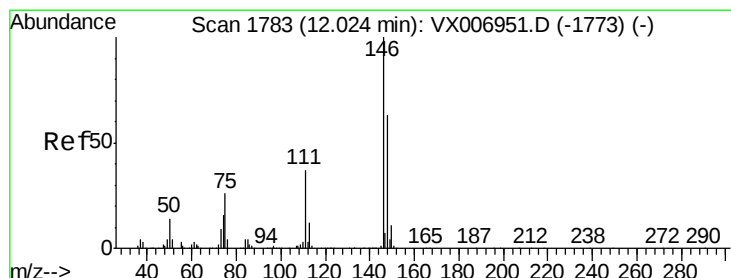
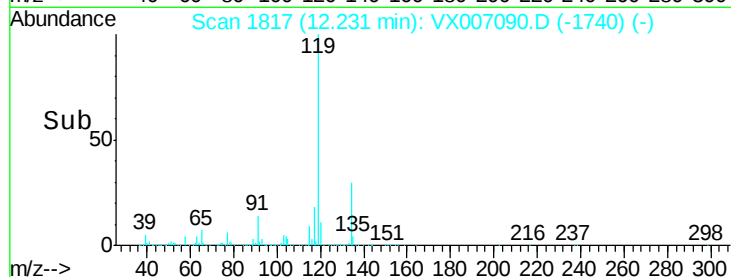
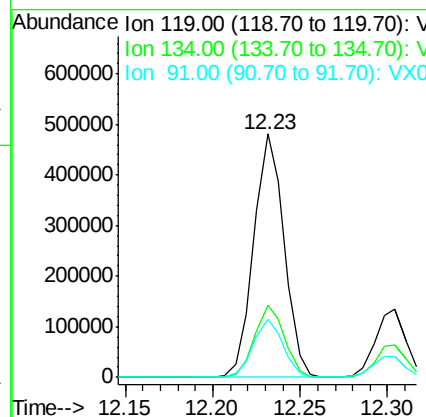
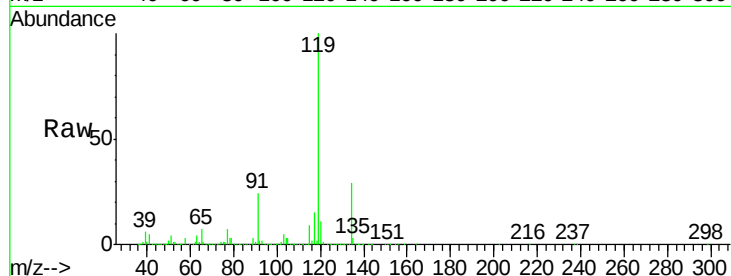




#86
p-Isopropyltoluene
Concen: 21.100 ug/l
RT: 12.23 min Scan# 1817
Delta R.T. 0.17 min
Lab File: VX007090.D
Acq: 17 Jan 2019 15:49

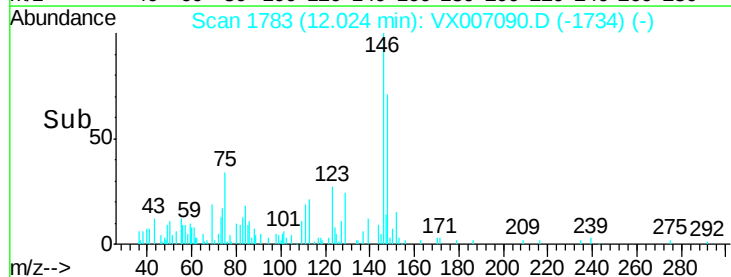
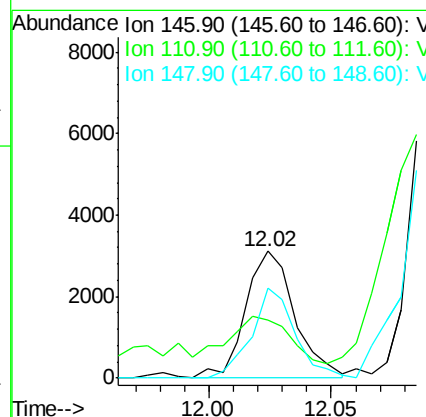
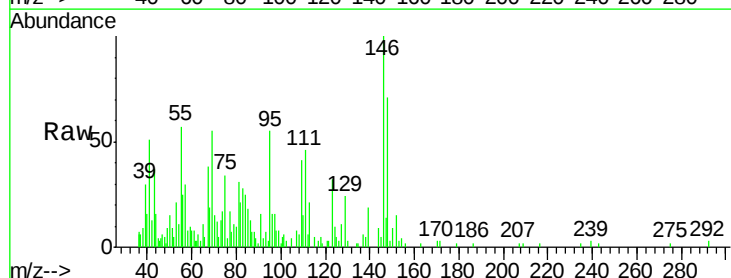
Instrument :
MSVOA_X
ClientSampleId :
SS038MW103-190115

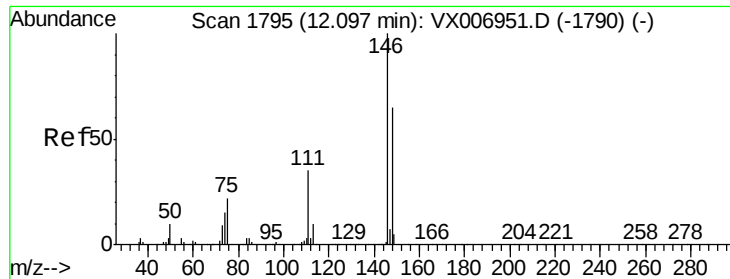
Tot Ion:119 Resp: 579894
Ion Ratio Lower Upper
119 100
134 29.3 14.0 41.9
91 23.3 11.3 33.9



#87
1,3-Dichlorobenzene
Concen: 0.282 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX007090.D
Acq: 17 Jan 2019 15:49

Tgt Ion:146 Resp: 4339
Ion Ratio Lower Upper
146 100
111 46.9 18.6 55.8
148 63.4 31.8 95.3

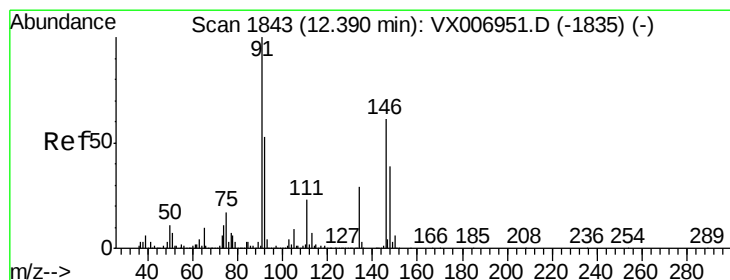
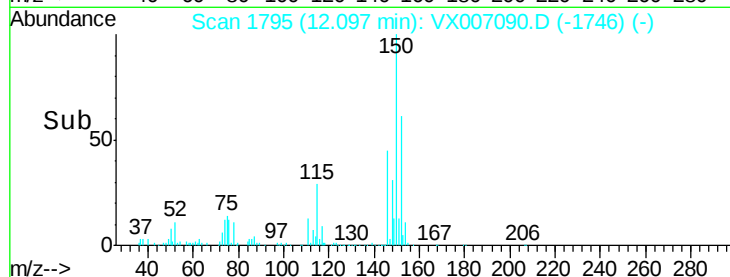
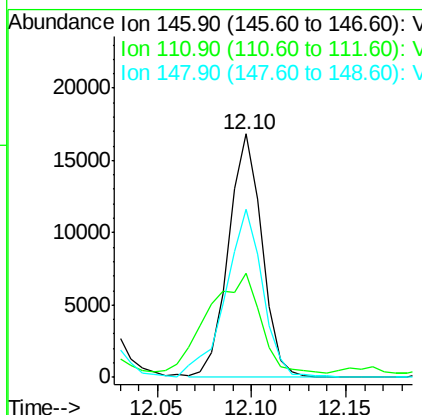
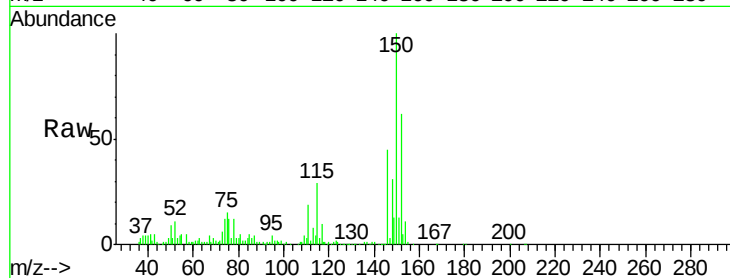




#88
 1,4-Dichlorobenzene
 Concen: 1.566 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007090.D
 Acq: 17 Jan 2019 15:49

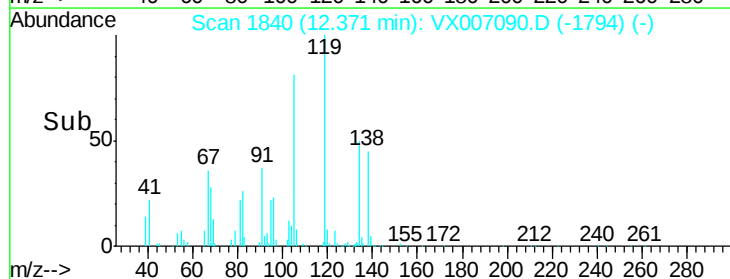
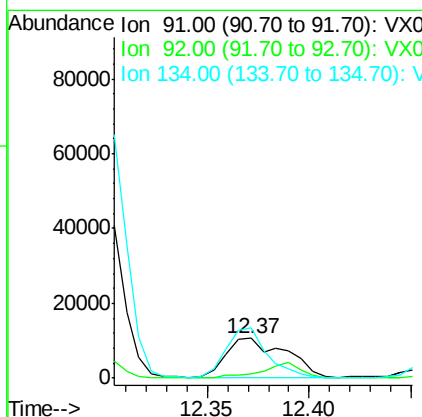
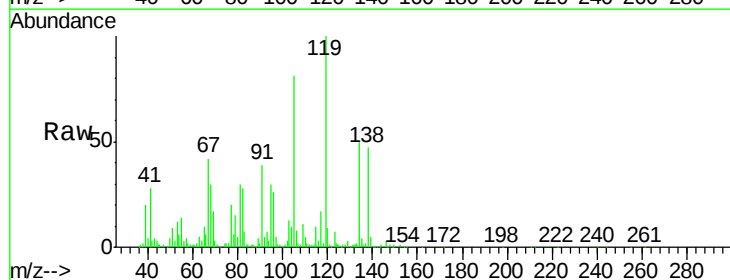
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038MW103-190115

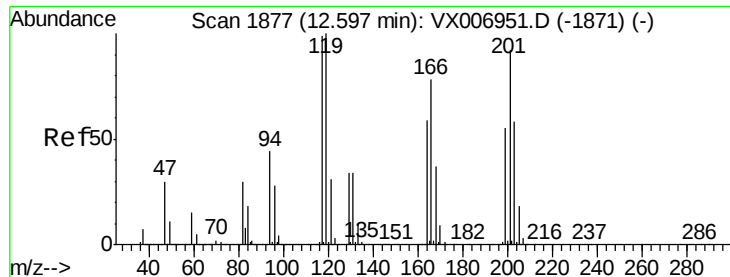
Tot Ion	Ratio	Lower	Upper
146	100		
111	67.4	18.1	54.1#
148	76.6	31.9	95.9



#89
 n-Butylbenzene
 Concen: 0.900 ug/l
 RT: 12.37 min Scan# 1840
 Delta R.T. -0.02 min
 Lab File: VX007090.D
 Acq: 17 Jan 2019 15:49

Tgt Ion	Ratio	Lower	Upper
91	100		
92	26.7	26.8	80.4#
134	91.8	14.4	43.2#





#90

Hexachloroethane

Concen: 9.465 ug/l

RT: 12.67 min Scan# 1889

Delta R.T. 0.07 min

Lab File: VX007090.D

Acq: 17 Jan 2019 15:49

Instrument :

MSVOA_X

ClientSampleId :

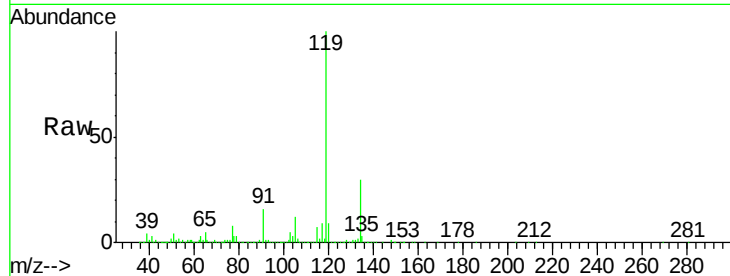
SS038MW103-190115

Tot Ion:117 Resp: 30545

Ion Ratio Lower Upper

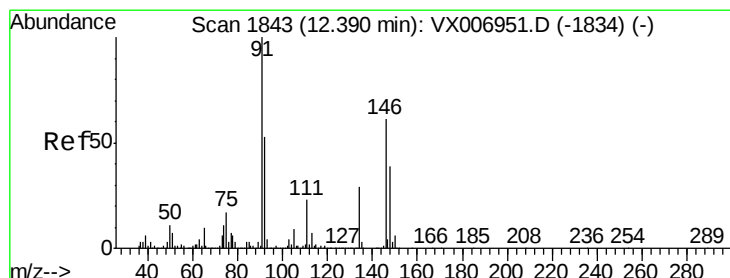
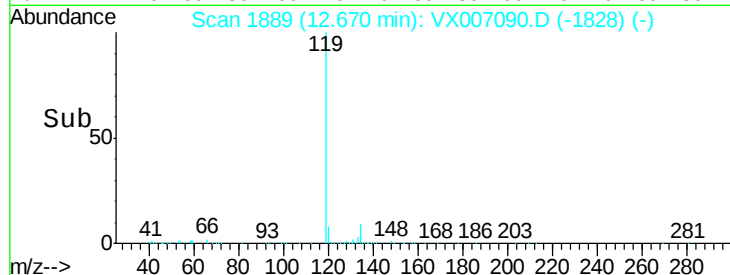
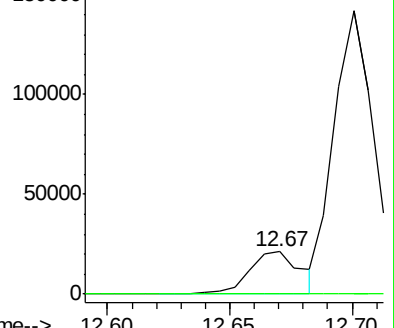
117 100

201 0.0 42.9 128.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 0.804 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007090.D

Acq: 17 Jan 2019 15:49

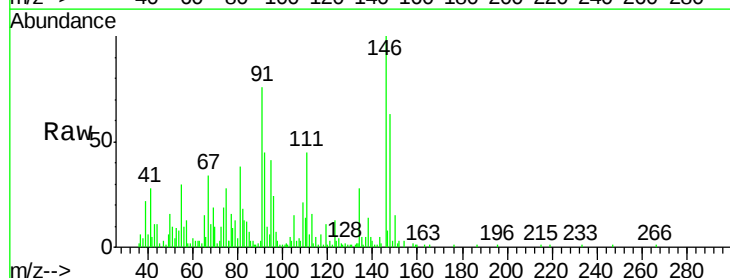
Tgt Ion:146 Resp: 12188

Ion Ratio Lower Upper

146 100

111 46.4 19.4 58.2

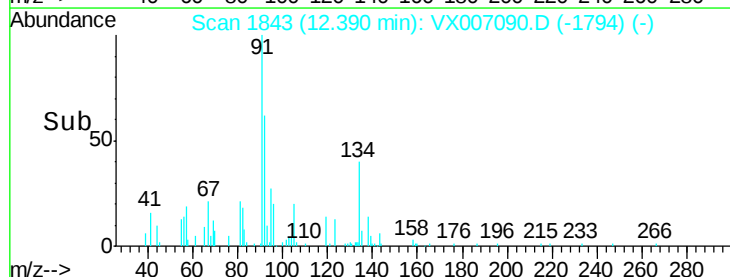
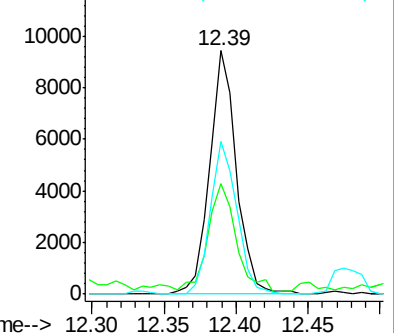
148 62.2 32.3 96.9

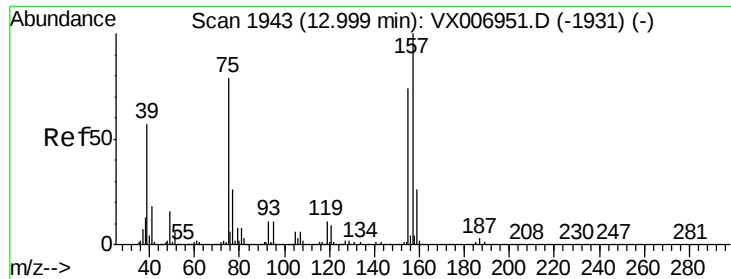


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.785 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX007090.D

Acq: 17 Jan 2019 15:49

Instrument :

MSVOA_X

ClientSampleId :

SS038MW103-190115

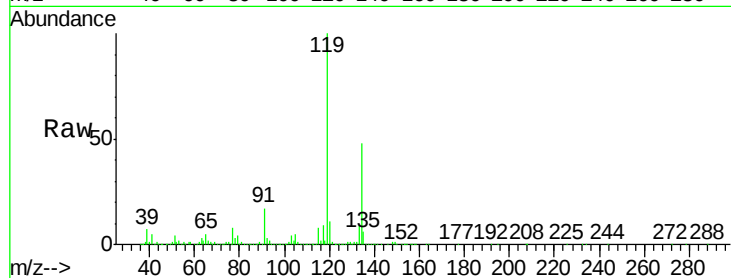
Tot Ion: 75 Resp: 3459

Ion Ratio Lower Upper

75 100

155 1.3 50.6 151.8#

157 4.2 64.6 193.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

