

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011819\
 Data File : VX007138.D
 Acq On : 18 Jan 2019 16:42
 Operator : JC/SP
 Sample : K1195-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038MW013-190116

Quant Time: Jan 18 21:52:35 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	522228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	817314	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	770140	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	393704	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	281611	51.60	ug/l	0.00
Spiked Amount			Recovery	=	103.20%	
35) Dibromofluoromethane	5.51	113	249272	47.63	ug/l	0.00
Spiked Amount			Recovery	=	95.26%	
50) Toluene-d8	8.71	98	976195	50.95	ug/l	0.00
Spiked Amount			Recovery	=	101.90%	
62) 4-Bromofluorobenzene	11.13	95	360738	54.01	ug/l	0.00
Spiked Amount			Recovery	=	108.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.41	62	5858	1.091	ug/l #	53
6) Chloroethane	1.60	64	25963	6.924	ug/l #	55
11) Tert butyl alcohol	3.06	59	3852	2.992	ug/l #	72
13) Acrolein	2.31	56	338	3.685	ug/l #	56
14) Allyl chloride	2.84	41	41218	5.011	ug/l #	64
15) Acrylonitrile	3.17	53	1318	0.446	ug/l #	42
16) Acetone	2.45	43	2398	0.889	ug/l #	79
18) Methyl Acetate	2.84	43	98014	12.544	ug/l #	53
20) Methylene Chloride	2.87	84	1582	Below Cal	#	66
27) cis-1,2-Dichloroethene	4.61	96	5067	0.859	ug/l	97
29) Tetrahydrofuran	5.14	42	554	0.221	ug/l #	53
31) Cyclohexane	5.58	56	7206	0.936	ug/l #	79
36) 1,1-Dichloropropene	5.67	75	33566	4.724	ug/l #	48
38) Carbon Tetrachloride	5.67	117	46965	6.569	ug/l #	13
39) Methylcyclohexane	7.46	83	11807	1.303	ug/l	89
40) Benzene	6.15	78	82241	3.793	ug/l	100
43) Isopropyl Acetate	6.35	43	34618	2.881	ug/l #	59
49) 1,4-Dioxane	7.76	88	166	Below Cal	#	1
51) 4-Methyl-2-Pentanone	8.68	43	3134	0.406	ug/l #	83
52) Toluene	8.79	92	4296	0.308	ug/l	93
59) 2-Hexanone	9.55	43	1184	0.201	ug/l	64
65) Chlorobenzene	10.14	112	3026273	180.166	ug/l	97
68) m/p-Xylenes	10.36	106	2510	0.230	ug/l	93
69) o-Xylene	10.69	106	4309	0.404	ug/l	94
73) Isopropylbenzene	11.02	105	190144	6.849	ug/l	98
74) N-amyl acetate	10.94	43	4031	0.361	ug/l #	70
75) 1,1,2,2-Tetrachloroethane	11.28	83	2086	0.237	ug/l #	42
76) 1,2,3-Trichloropropane	11.13	75	174815	21.911	ug/l #	39
78) n-propylbenzene	11.36	91	160782	5.276	ug/l	98
79) 2-Chlorotoluene	11.36	91	160782	8.764	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.66	105	24490	1.056	ug/l	77
81) trans-1,4-Dichloro-2-buten	11.13	75	174815	64.906	ug/l #	10
82) 4-Chlorotoluene	11.36	91	160782	7.569	ug/l #	42
83) tert-Butylbenzene	11.77	119	156414	6.758	ug/l	89

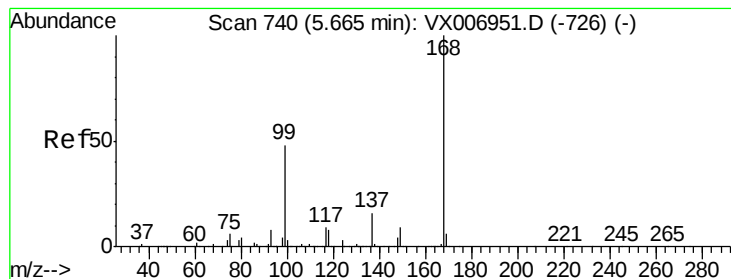
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011819\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.66	105	24490	1.050	ug/l	81
85) sec-Butylbenzene	11.94	105	294051	10.638	ug/l #	55
86) p-Isopropyltoluene	12.23	119	744568	30.116	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	3880	0.281	ug/l	86
88) 1,4-Dichlorobenzene	12.02	146	3880	0.440	ug/l	87
89) n-Butylbenzene	12.39	91	34900	1.656	ug/l #	48
90) Hexachloroethane	12.70	117	335841	83.048	ug/l #	6
91) 1,2-Dichlorobenzene	12.39	146	14625	1.072	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	2695	1.546	ug/l #	1
95) Naphthalene	13.83	128	16652	0.587	ug/l #	91

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007138.D

Acq: 18 Jan 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

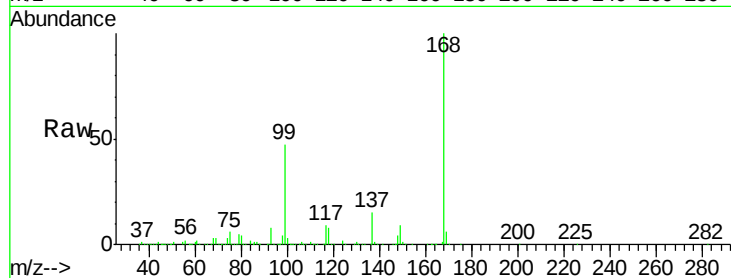
SS038MW013-190116

Tot Ion:168 Resp: 522228

Ion Ratio Lower Upper

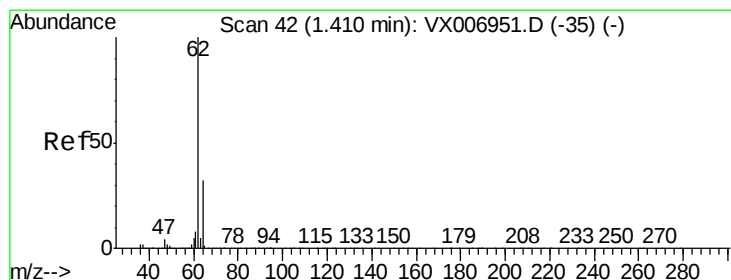
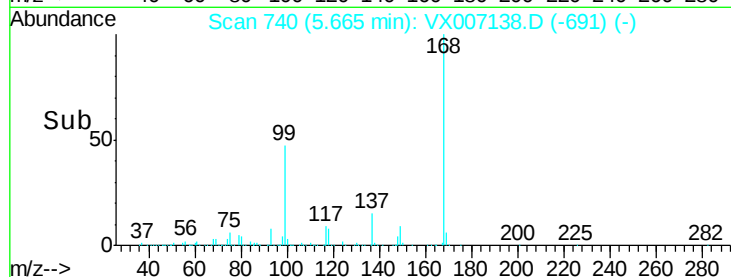
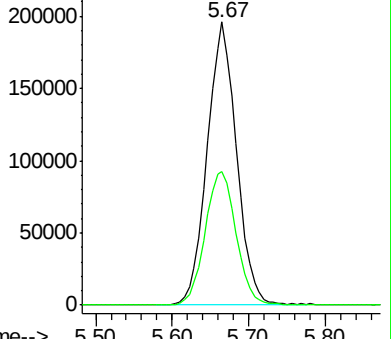
168 100

99 47.1 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 1.091 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007138.D

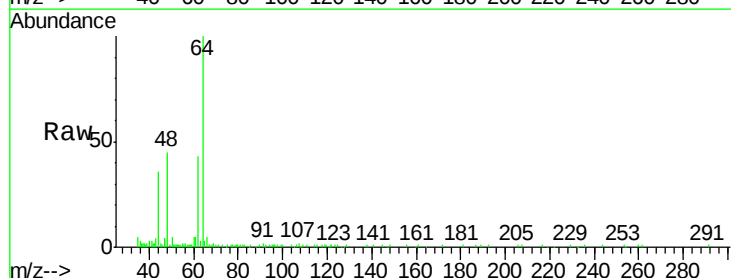
Acq: 18 Jan 2019 16:42

Tgt Ion: 62 Resp: 5858

Ion Ratio Lower Upper

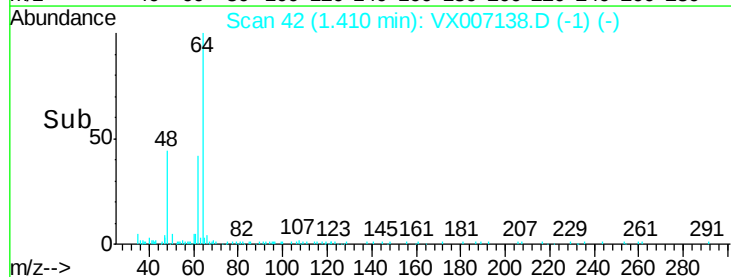
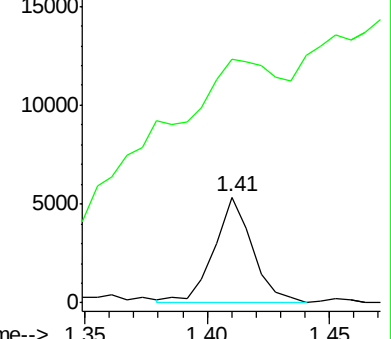
62 100

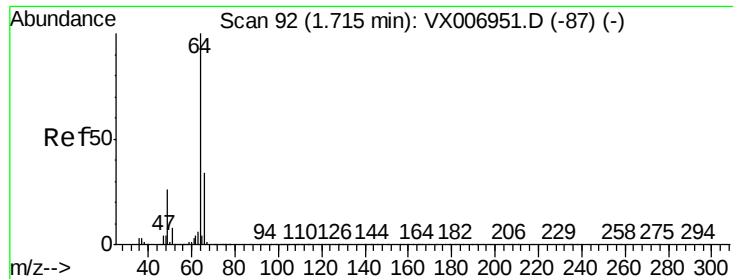
64 57.5 25.1 37.7#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#6

Chloroethane

Concen: 6.924 ug/l

RT: 1.60 min Scan# 73

Delta R.T. -0.12 min

Lab File: VX007138.D

Acq: 18 Jan 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

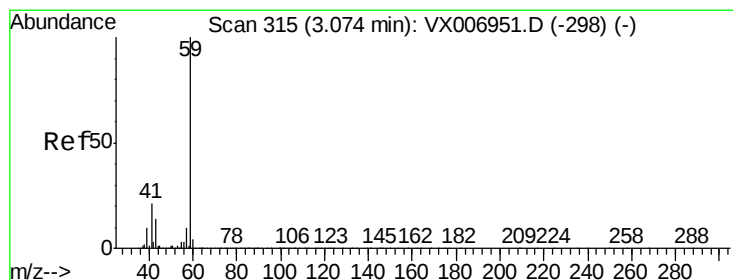
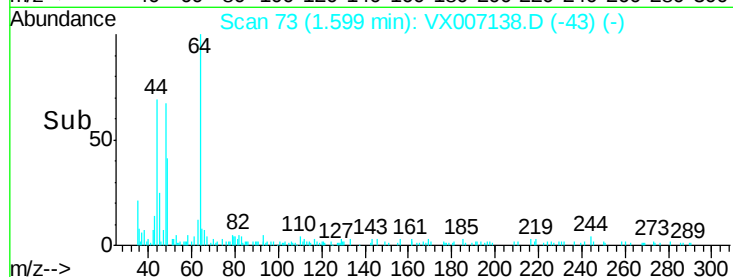
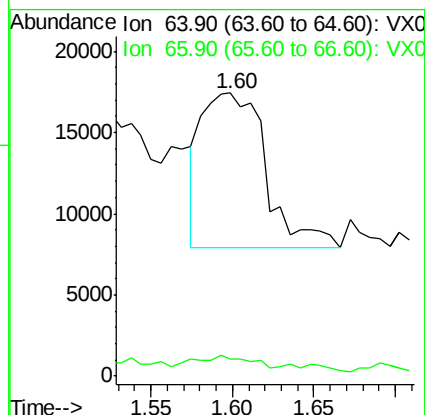
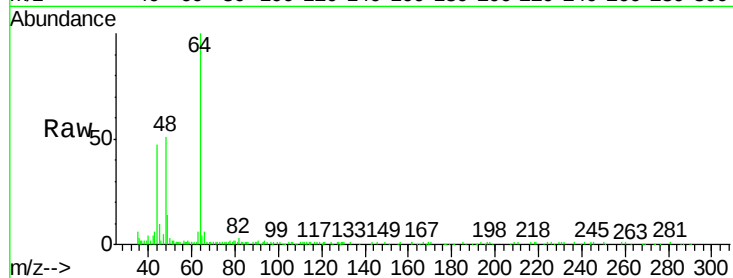
SS038MW013-190116

Tot Ion: 64 Resp: 25963

Ion Ratio Lower Upper

64 100

66 7.4 26.4 39.6#



#11

Tert butyl alcohol

Concen: 2.992 ug/l

RT: 3.06 min Scan# 313

Delta R.T. -0.01 min

Lab File: VX007138.D

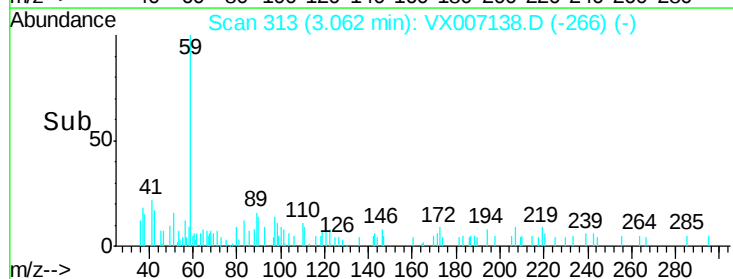
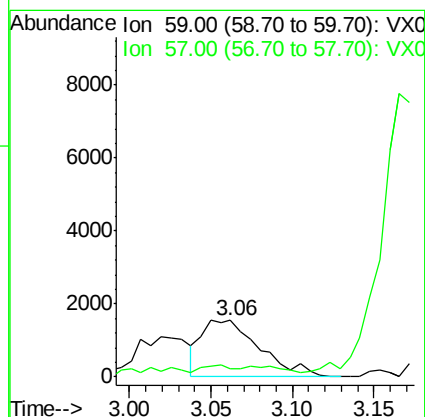
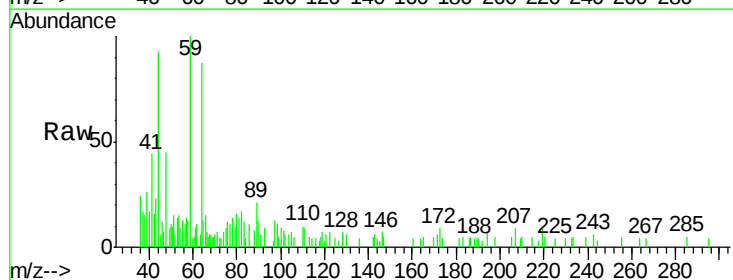
Acq: 18 Jan 2019 16:42

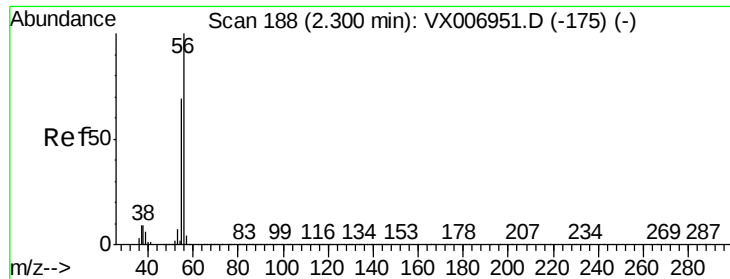
Tgt Ion: 59 Resp: 3852

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#





#13

Acrolein

Concen: 3.685 ug/l

RT: 2.31 min Scan# 189

Delta R.T. 0.01 min

Lab File: VX007138.D

Acq: 18 Jan 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

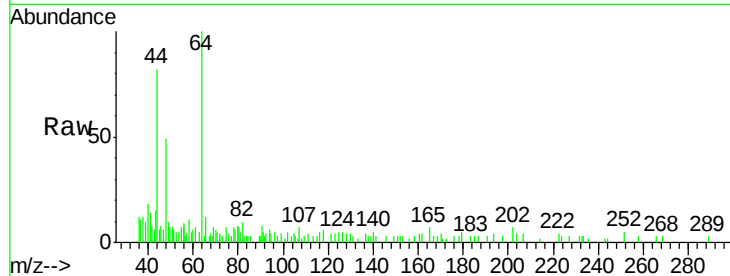
SS038MW013-190116

Tot Ion: 56 Resp: 338

Ion Ratio Lower Upper

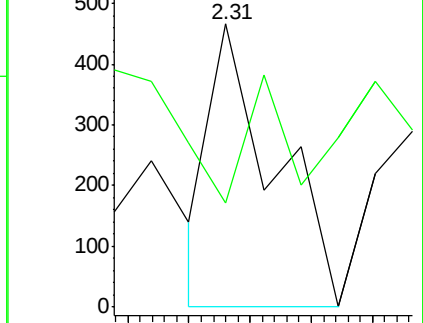
56 100

55 36.1 58.2 87.4#

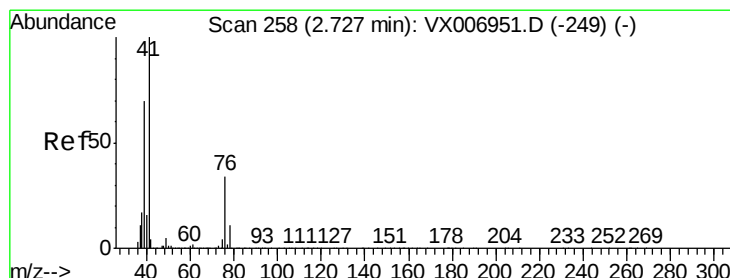
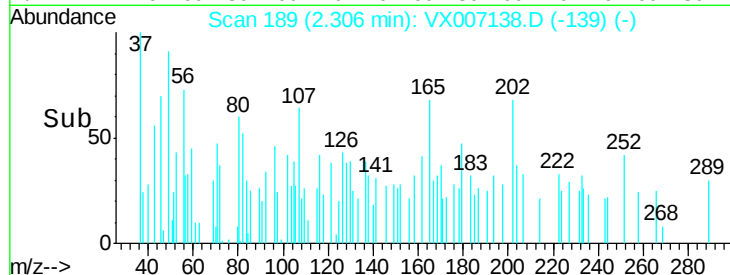


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time-->



#14

Allyl chloride

Concen: 5.011 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.12 min

Lab File: VX007138.D

Acq: 18 Jan 2019 16:42

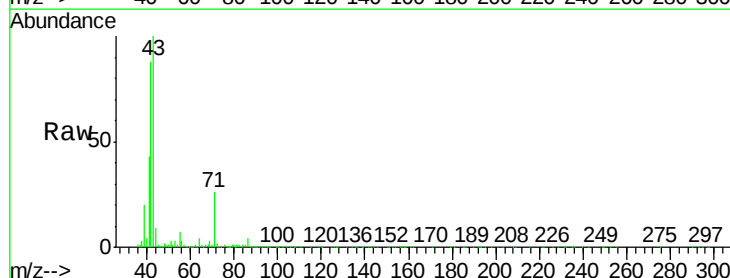
Tgt Ion: 41 Resp: 41218

Ion Ratio Lower Upper

41 100

39 47.5 53.6 80.4#

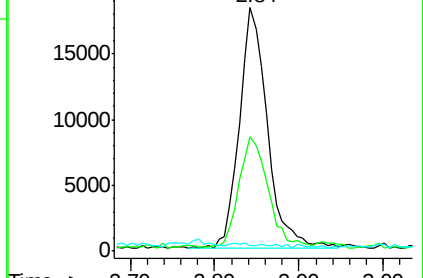
76 0.7 27.4 41.2#



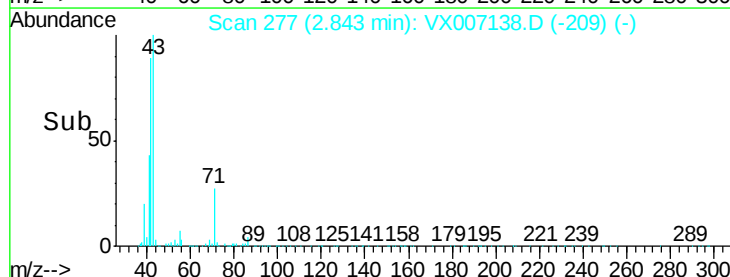
Abundance Ion 41.00 (40.70 to 41.70): VX0

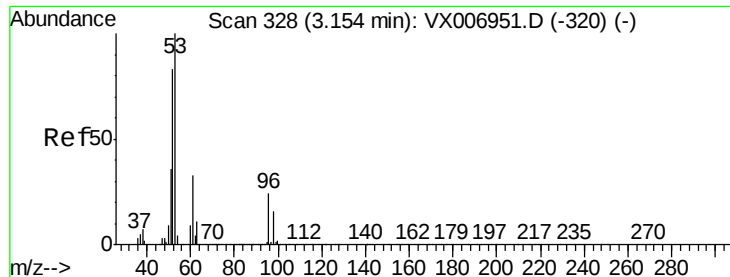
Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0



Time-->





#15

Acrylonitrile

Concen: 0.446 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.02 min

Lab File: VX007138.D

Acq: 18 Jan 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

SS038MW013-190116

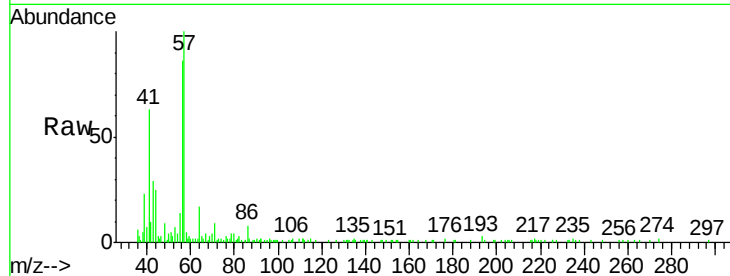
Tot Ion: 53 Resp: 1318

Ion Ratio Lower Upper

53 100

52 20.9 66.0 99.0#

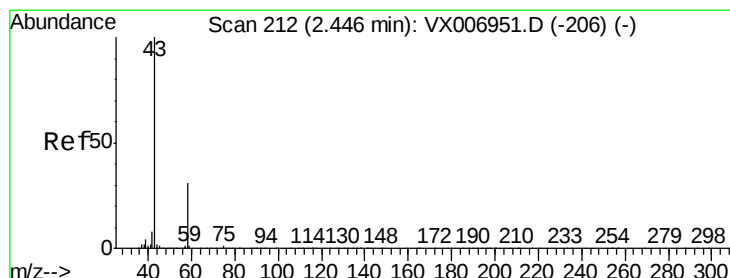
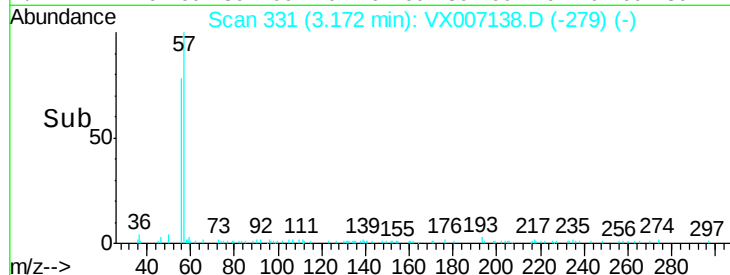
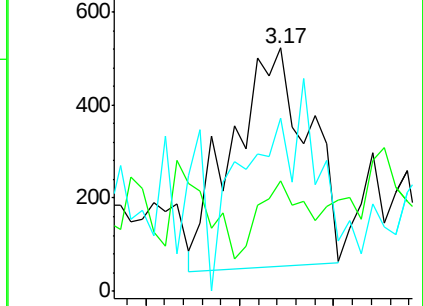
51 54.5 28.6 42.8#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 0.889 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007138.D

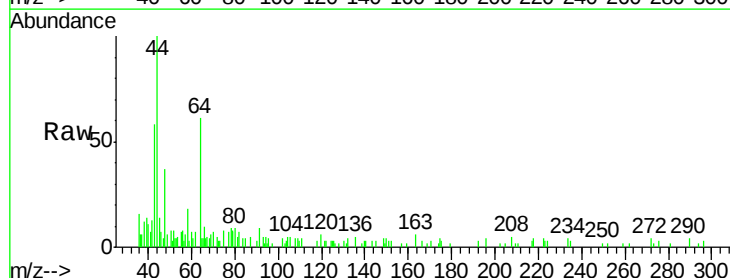
Acq: 18 Jan 2019 16:42

Tgt Ion: 43 Resp: 2398

Ion Ratio Lower Upper

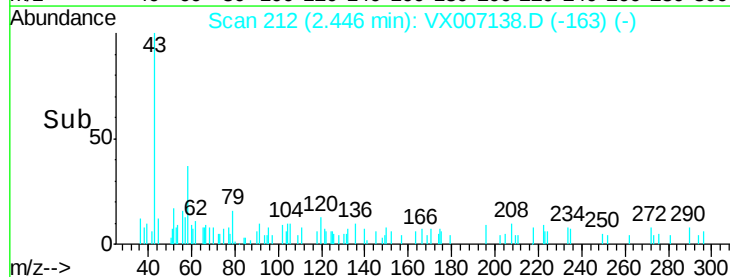
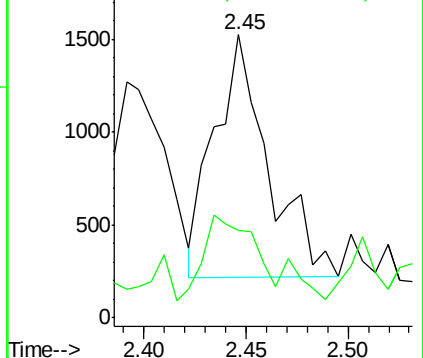
43 100

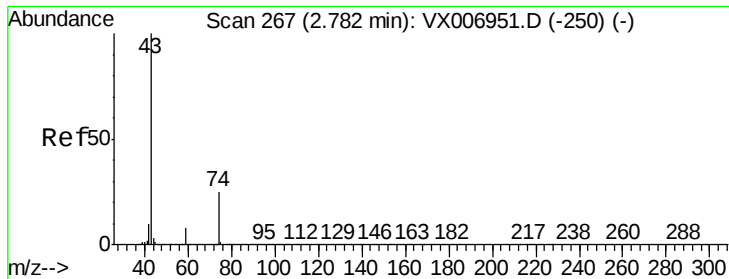
58 19.8 25.0 37.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

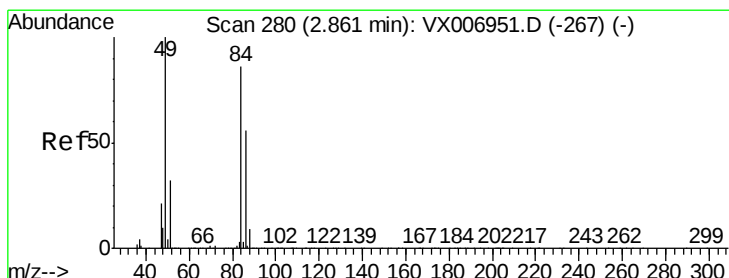
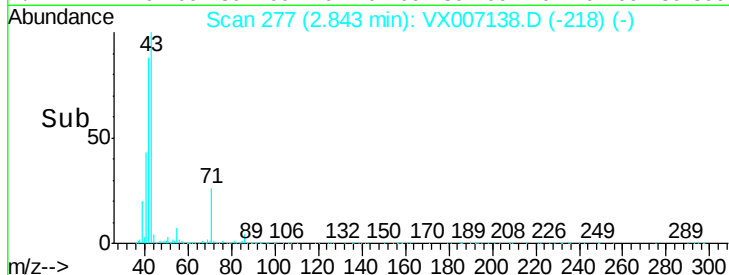
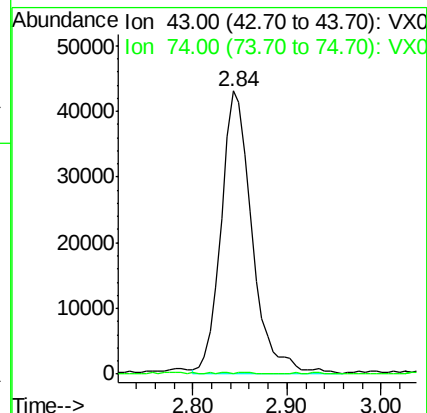
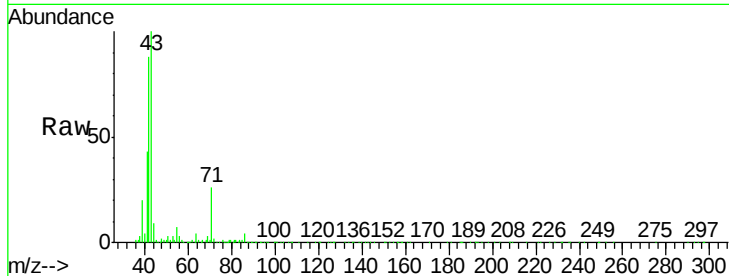




#18
Methyl Acetate
Concen: 12.544 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.06 min
Lab File: VX007138.D
Acq: 18 Jan 2019 16:42

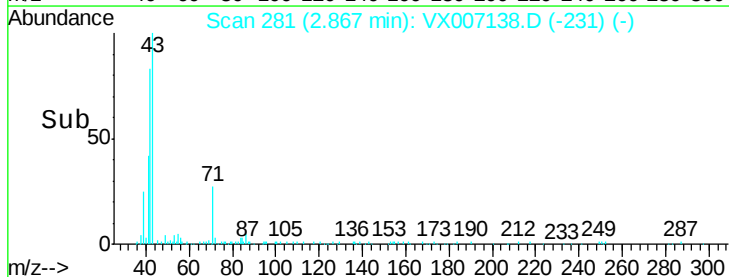
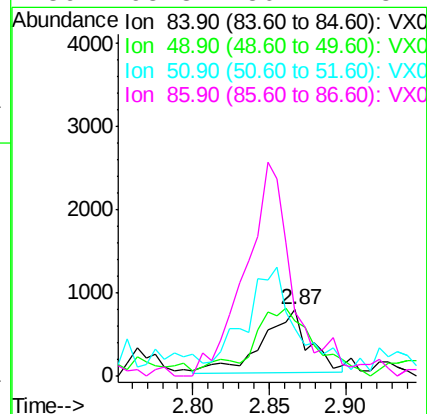
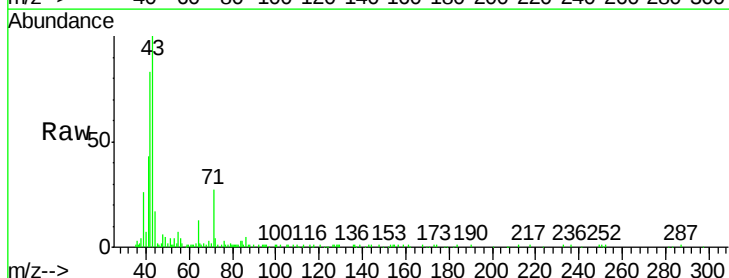
Instrument :
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SS038MW013-190116

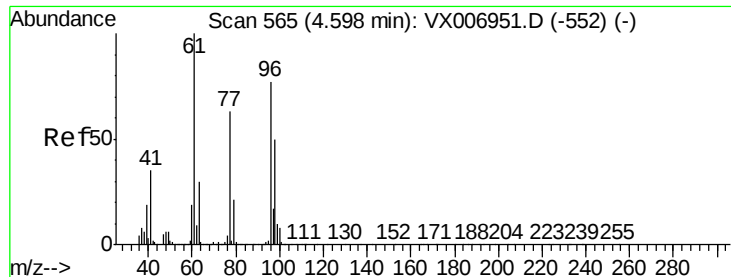
Tot Ion: 43 Resp: 98014
Ion Ratio Lower Upper
43 100
74 0.3 18.6 28.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.87 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX007138.D
Acq: 18 Jan 2019 16:42

Tgt Ion: 84 Resp: 1582
Ion Ratio Lower Upper
84 100
49 81.3 91.8 137.6#
51 53.3 28.5 42.7#
86 95.8 50.2 75.2#



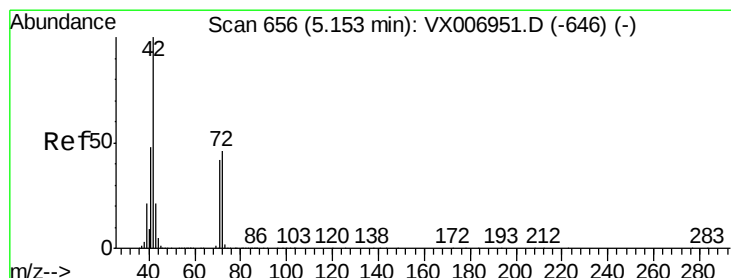
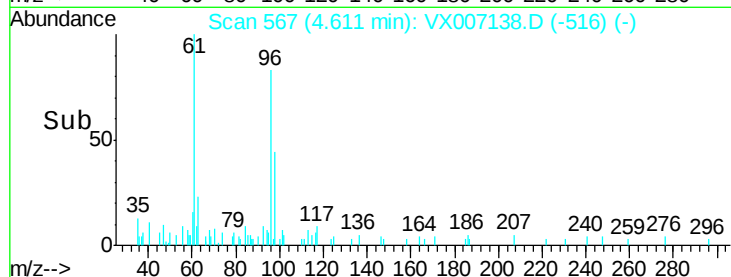
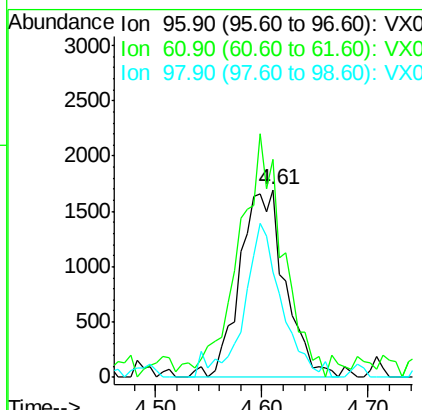
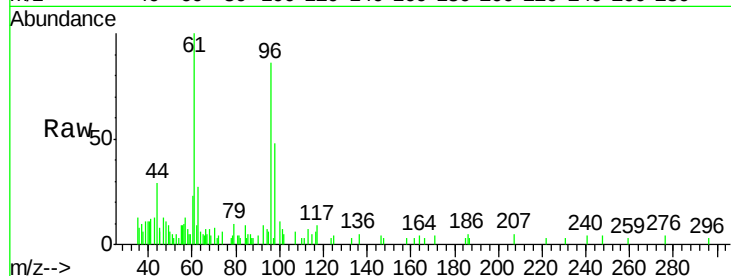


#27

cis-1,2-Dichloroethene
 Concen: 0.859 ug/l
 RT: 4.61 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: VX007138.D
 Acq: 18 Jan 2019 16:42

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038MW013-190116

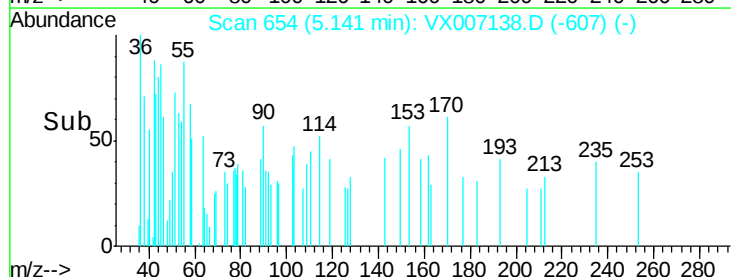
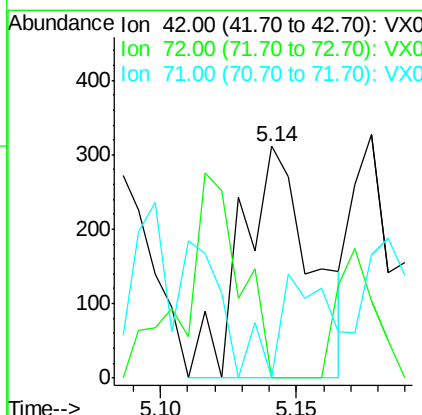
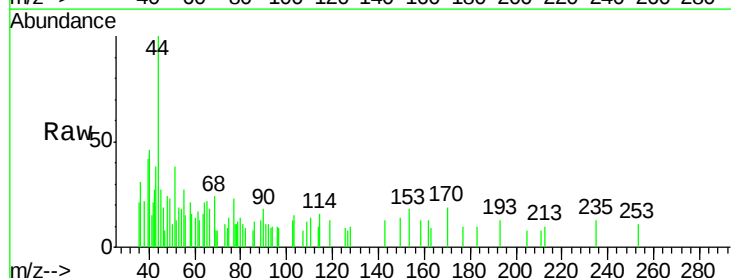
Tot Ion	Ratio	Lower	Upper
96	100		
61	126.4	0.0	258.6
98	63.6	0.0	132.0

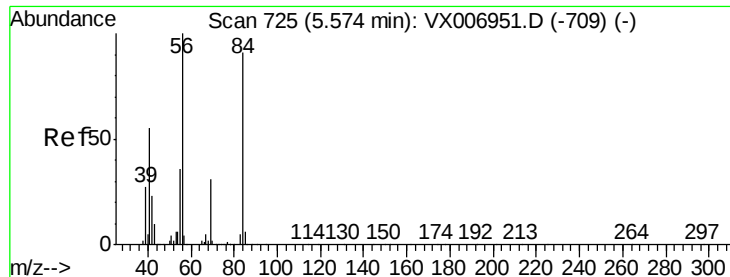


#29

Tetrahydrofuran
 Concen: 0.221 ug/l
 RT: 5.14 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: VX007138.D
 Acq: 18 Jan 2019 16:42

Tgt Ion	Ratio	Lower	Upper
42	100		
72	0.0	38.9	58.3#
71	32.3	36.2	54.4#

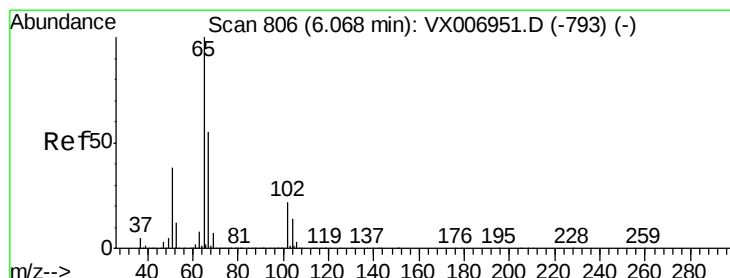
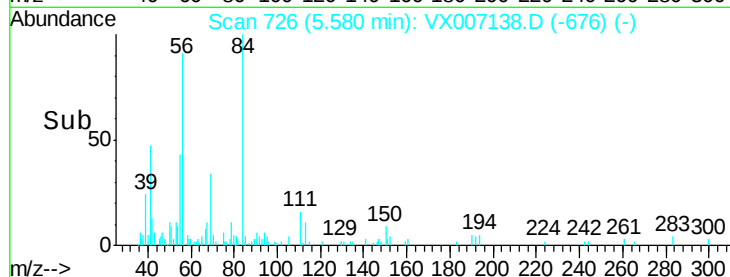
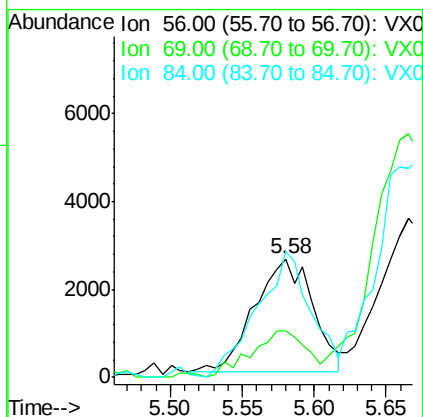
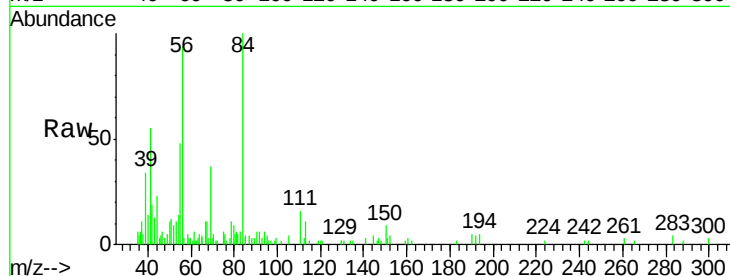




#31
Cyclohexane
Concen: 0.936 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007138.D
Acq: 18 Jan 2019 16:42

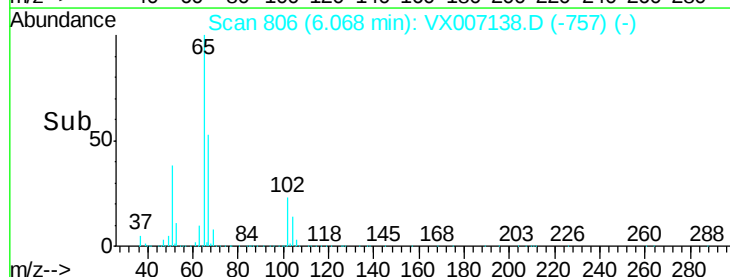
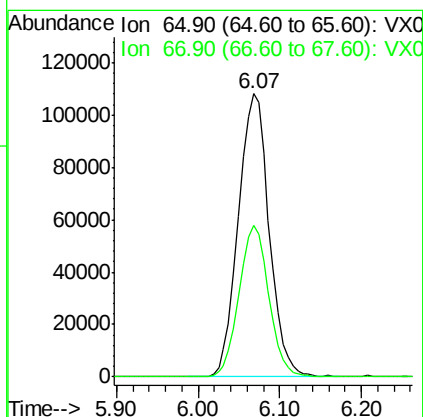
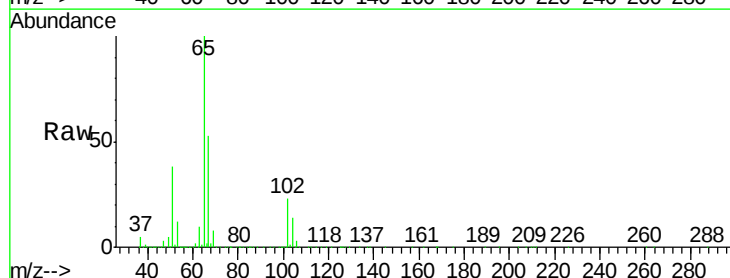
Instrument :
MSVOA_X
ClientSampleId :
SS038MW013-190116

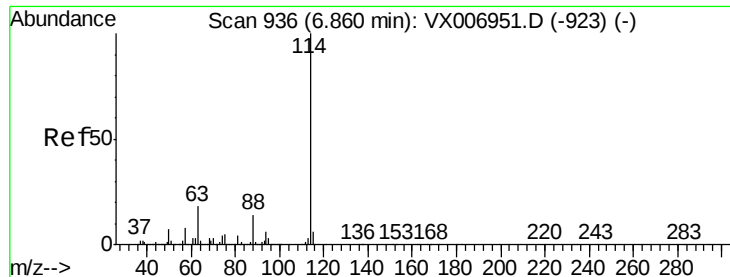
Tot Ion: 56 Resp: 7206
Ion Ratio Lower Upper
56 100
69 39.4 24.4 36.6#
84 108.3 70.0 105.0#



#33
1,2-Dichloroethane-d4
Concen: 51.599 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX007138.D
Acq: 18 Jan 2019 16:42

Tgt Ion: 65 Resp: 281611
Ion Ratio Lower Upper
65 100
67 51.8 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: VX007138.D

Acq: 18 Jan 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

SS038MW013-190116

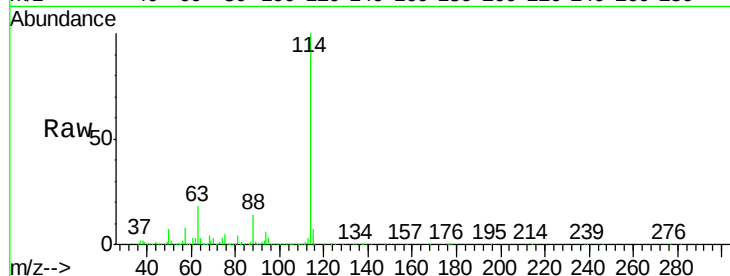
Tot Ion:114 Resp: 817314

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.8

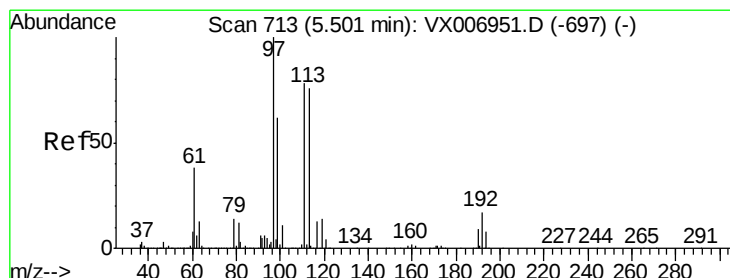
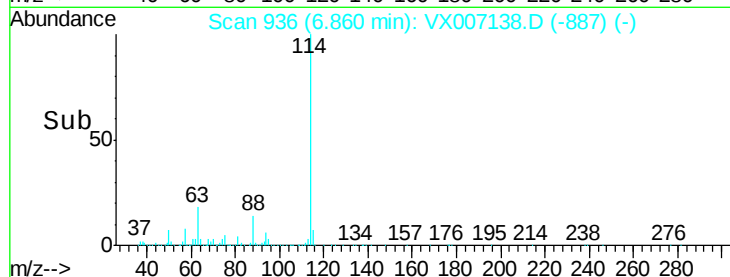
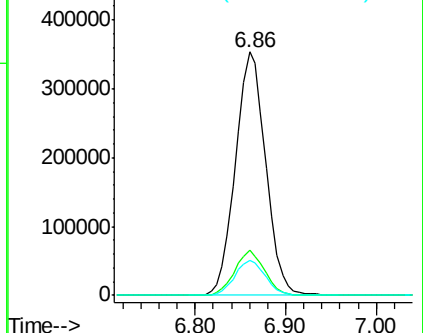
88 14.4 0.0 28.8



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: 47.625 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007138.D

Acq: 18 Jan 2019 16:42

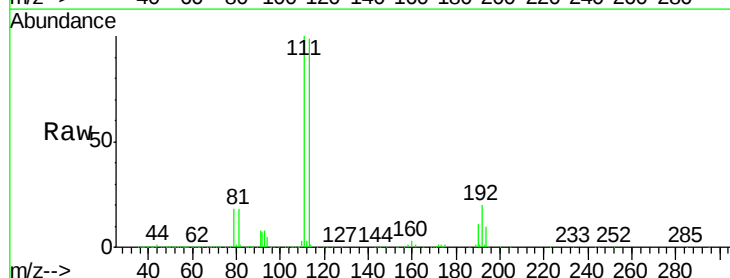
Tgt Ion:113 Resp: 249272

Ion Ratio Lower Upper

113 100

111 103.6 81.6 122.4

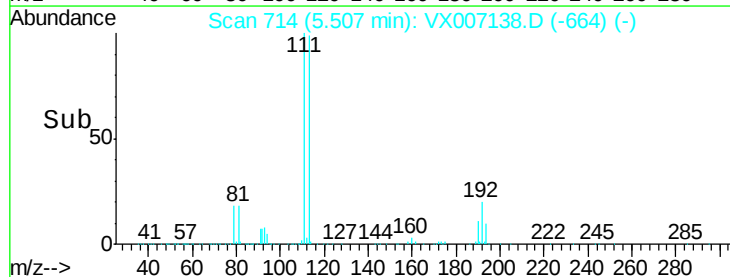
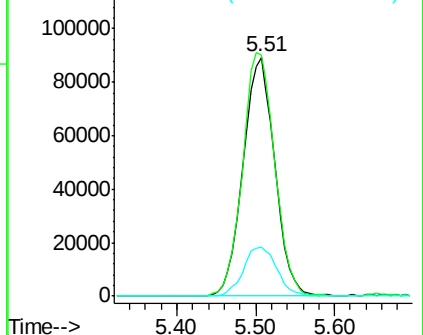
192 21.7 16.7 25.1

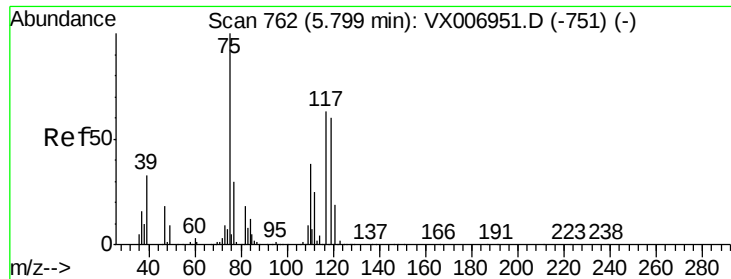


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

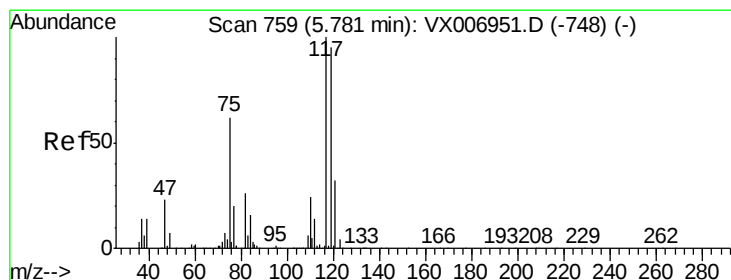
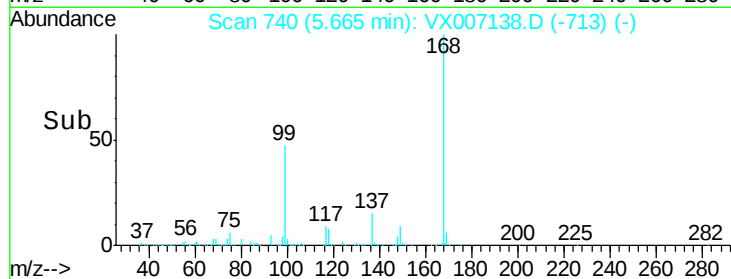
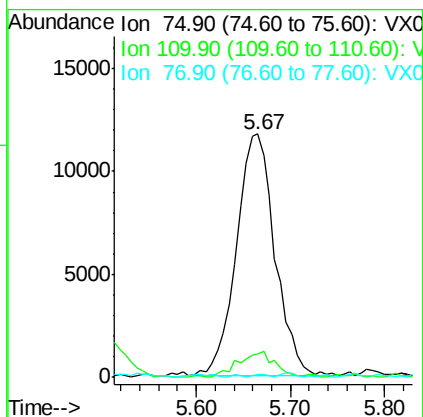
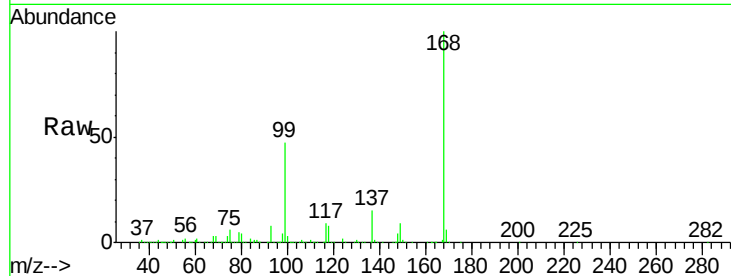




#36
 1,1-Dichloropropene
 Concen: 4.724 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX007138.D
 Acq: 18 Jan 2019 16:42

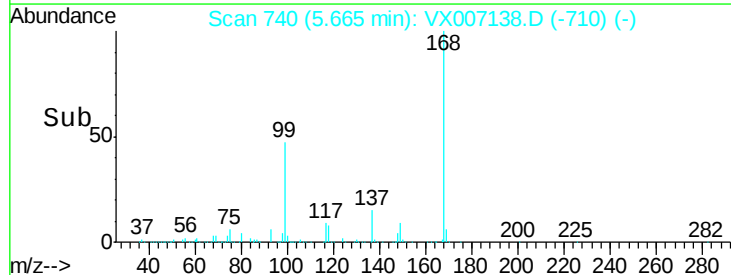
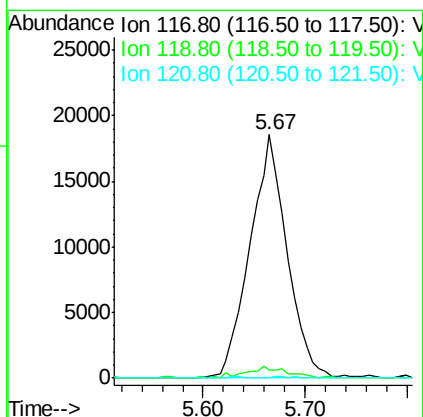
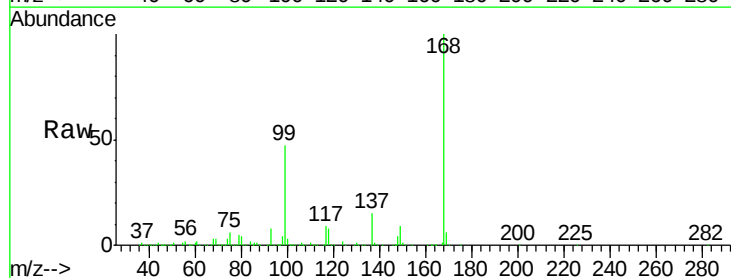
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038MW013-190116

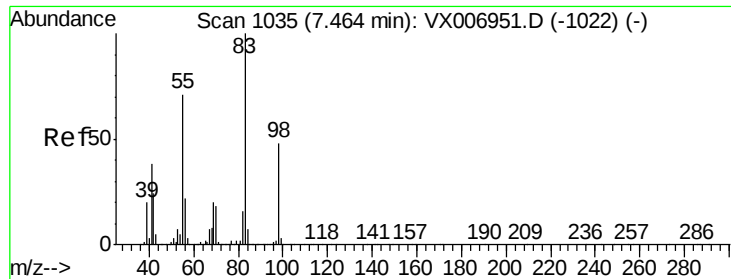
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.0	20.2	60.5#
77	0.5	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.569 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX007138.D
 Acq: 18 Jan 2019 16:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.2	79.4	119.2#
121	0.0	24.0	36.0#

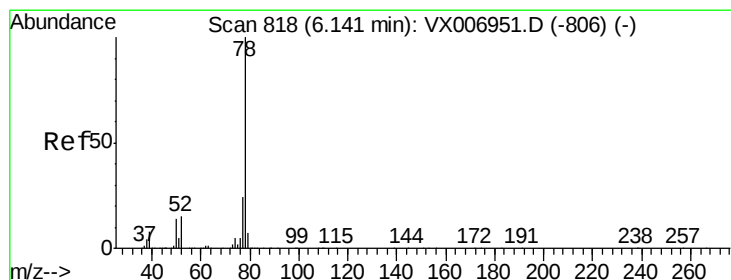
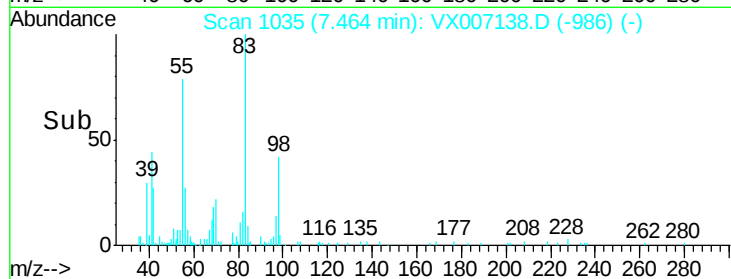
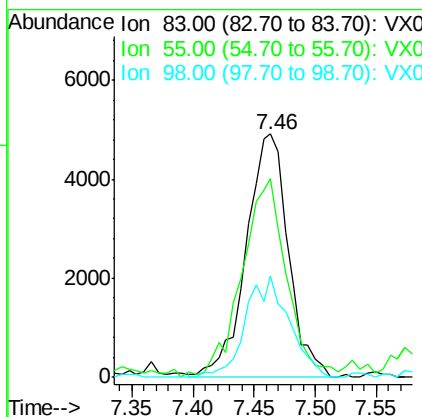
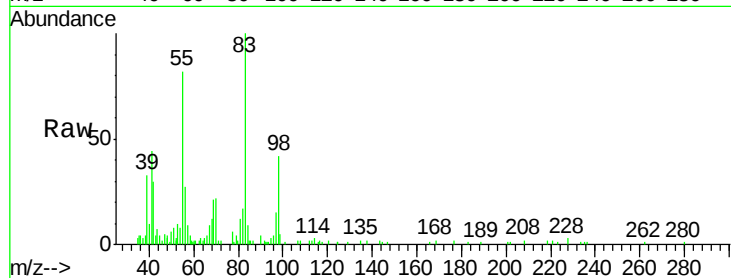




#39
Methvlcvclohexane
Concen: 1.303 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007138.D
Acq: 18 Jan 2019 16:42

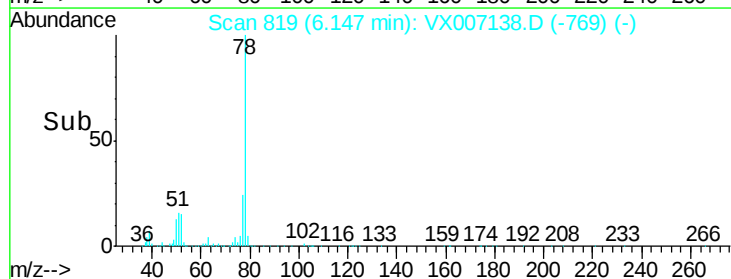
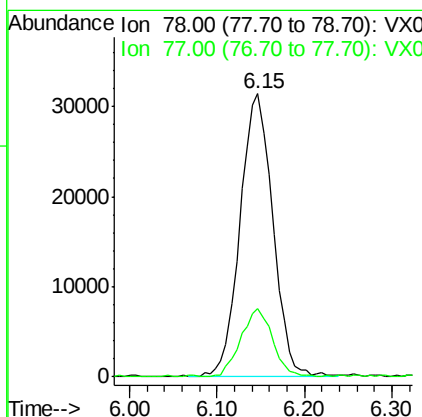
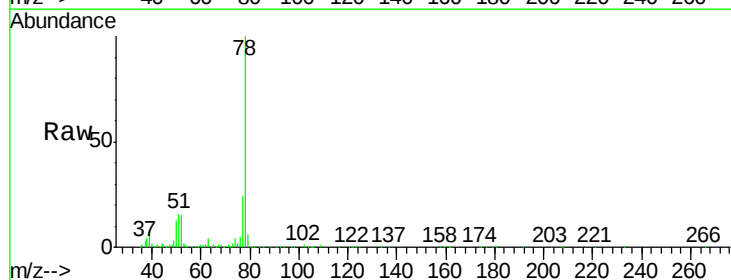
Instrument :
MSVOA_X
ClientSampleId :
SS038MW013-190116

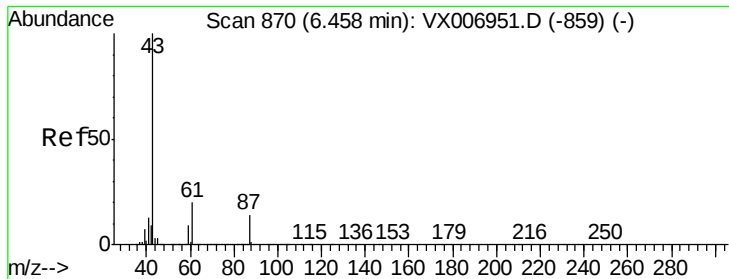
Tot Ion: 83 Resp: 11807
Ion Ratio Lower Upper
83 100
55 79.6 54.9 82.3
98 41.8 37.9 56.9



#40
Benzene
Concen: 3.793 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007138.D
Acq: 18 Jan 2019 16:42

Tgt Ion: 78 Resp: 82241
Ion Ratio Lower Upper
78 100
77 23.8 19.2 28.8





#43

Isopropyl Acetate

Concen: 2.881 ug/l

RT: 6.35 min Scan# 852

Delta R.T. -0.11 min

Lab File: VX007138.D

Acq: 18 Jan 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

SS038MW013-190116

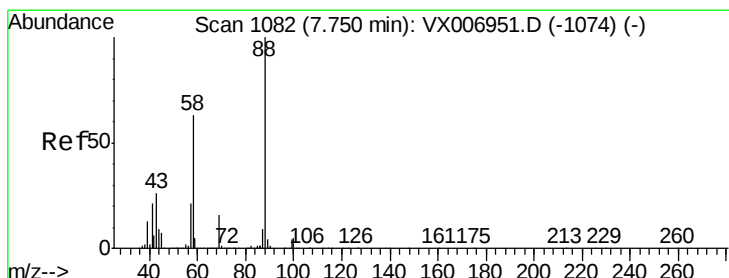
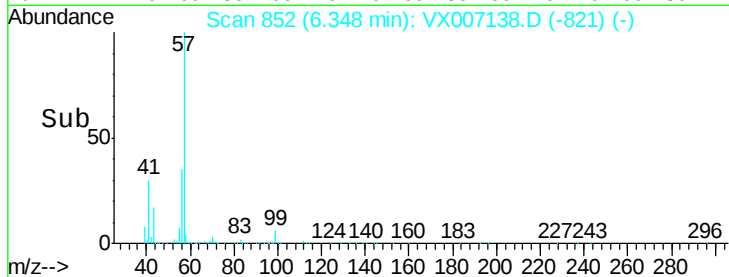
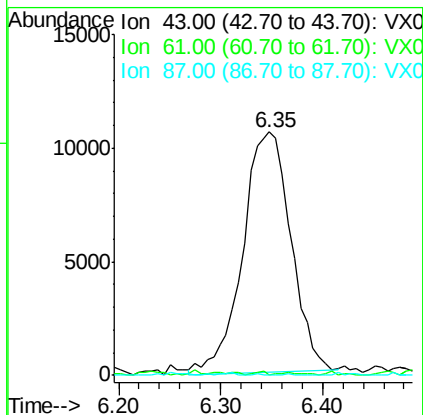
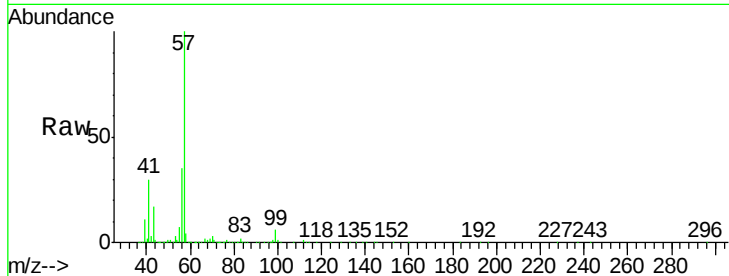
Tot Ion: 43 Resp: 34618

Ion Ratio Lower Upper

43 100

61 0.4 16.8 25.2#

87 0.1 12.4 18.6#



#49

1,4-Dioxane

Concen: Below Cal

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX007138.D

Acq: 18 Jan 2019 16:42

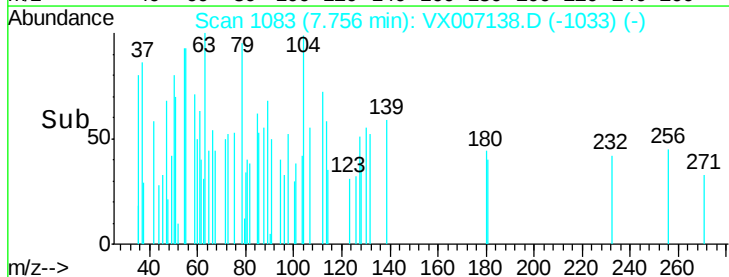
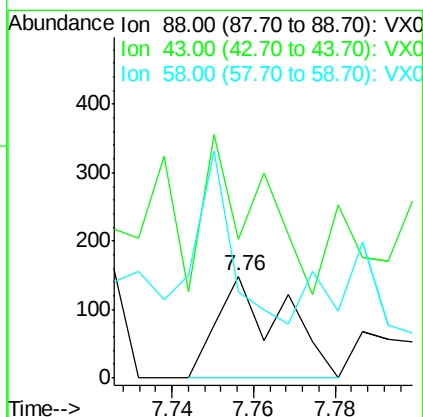
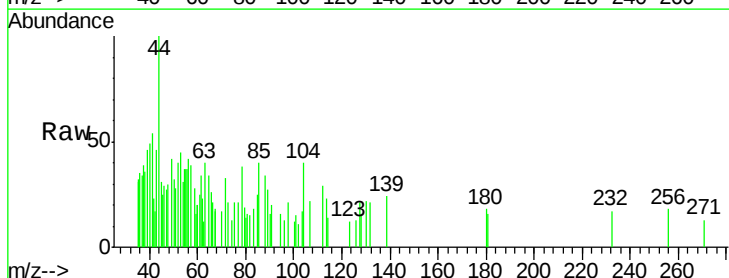
Tgt Ion: 88 Resp: 166

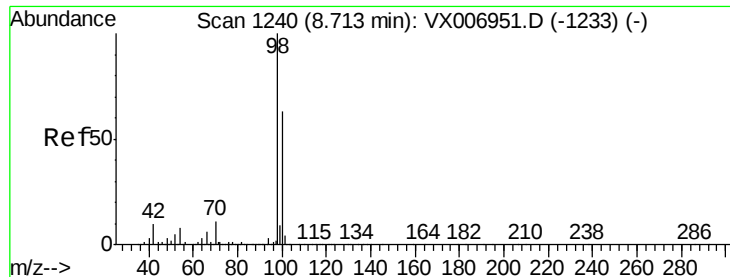
Ion Ratio Lower Upper

88 100

43 0.0 22.2 33.4#

58 274.7 51.0 76.4#





#50

Toluene-d8

Concen: 50.954 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007138.D

Acq: 18 Jan 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

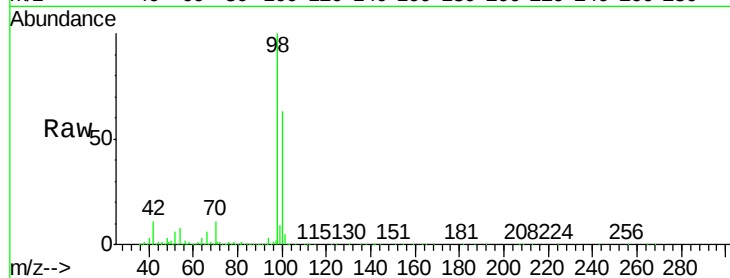
SS038MW013-190116

Tot Ion: 98 Resp: 976195

Ion Ratio Lower Upper

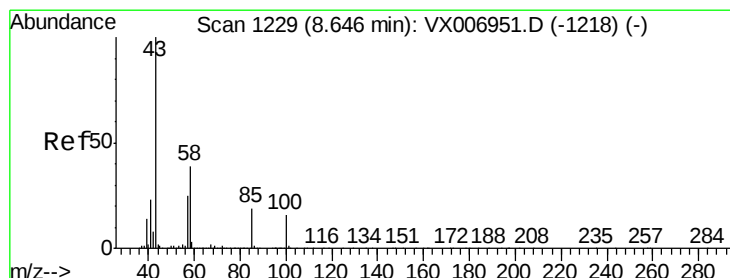
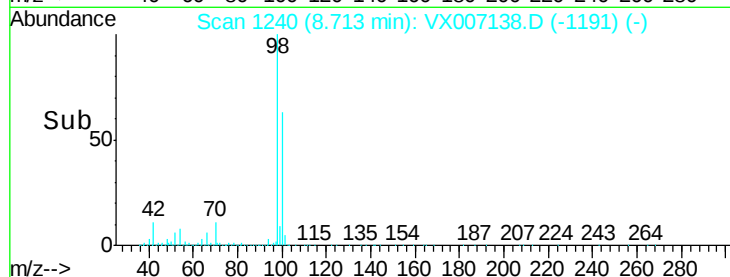
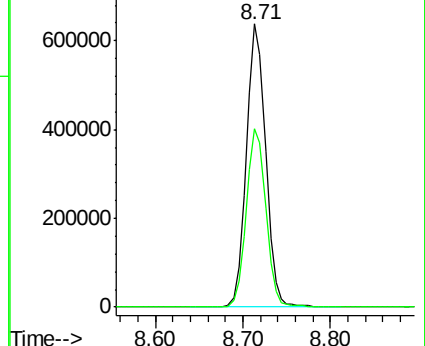
98 100

100 64.3 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#51

4-Methyl-2-Pentanone

Concen: 0.406 ug/l

RT: 8.68 min Scan# 1234

Delta R.T. 0.03 min

Lab File: VX007138.D

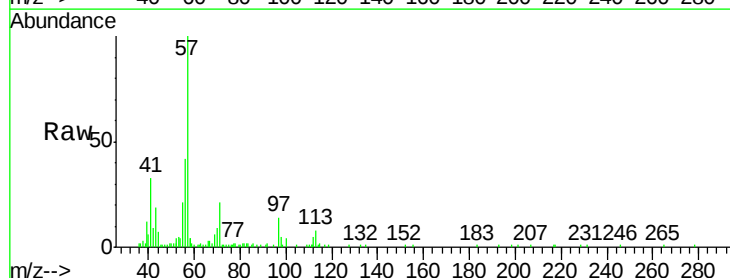
Acq: 18 Jan 2019 16:42

Tgt Ion: 43 Resp: 3134

Ion Ratio Lower Upper

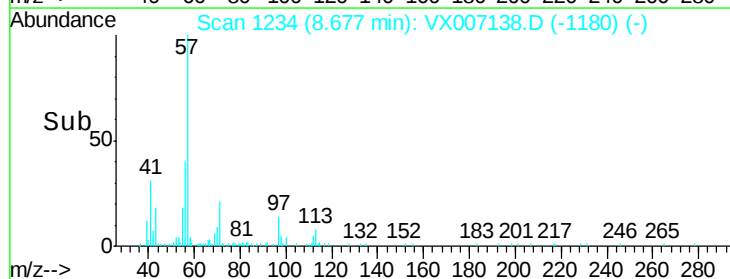
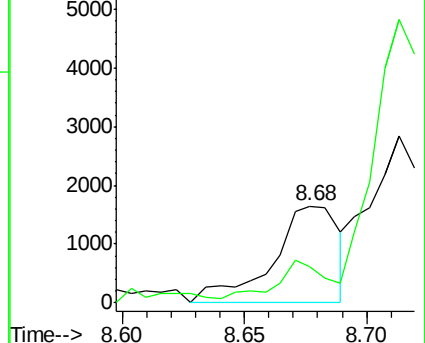
43 100

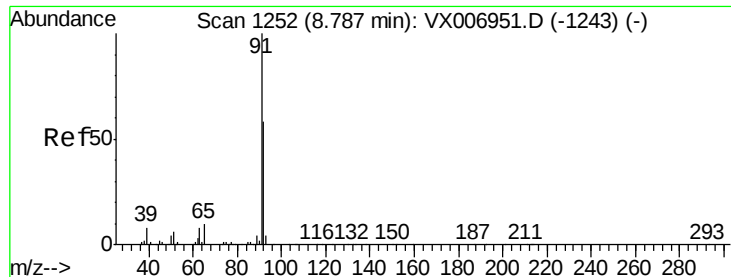
58 29.4 31.8 47.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#52

Toluene

Concen: 0.308 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007138.D

Acq: 18 Jan 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

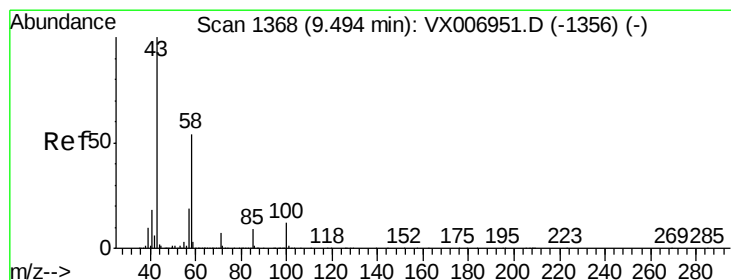
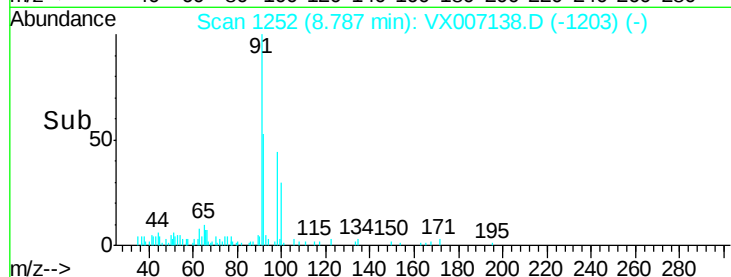
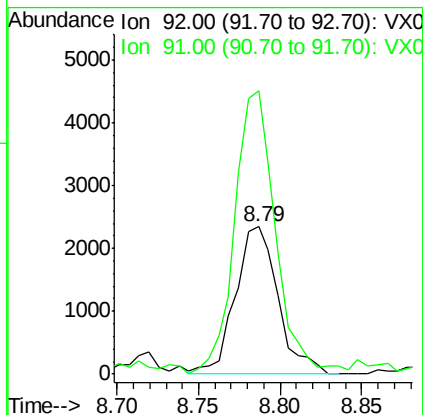
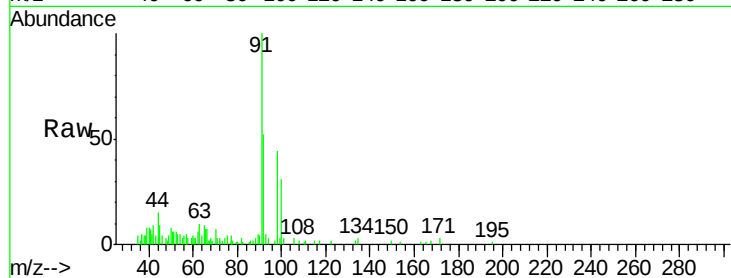
SS038MW013-190116

Tot Ion: 92 Resp: 4296

Ion Ratio Lower Upper

92 100

91 181.7 137.6 206.4



#59

2-Hexanone

Concen: 0.201 ug/l

RT: 9.55 min Scan# 1378

Delta R.T. 0.06 min

Lab File: VX007138.D

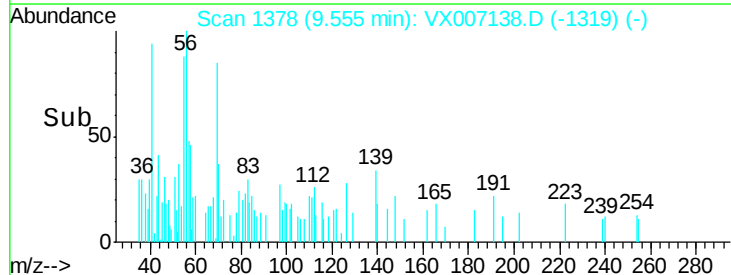
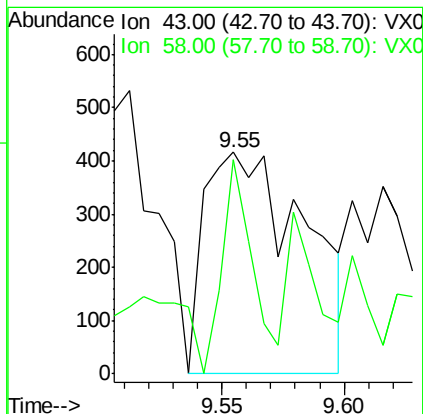
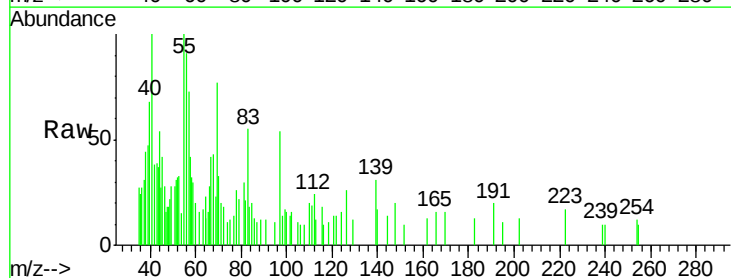
Acq: 18 Jan 2019 16:42

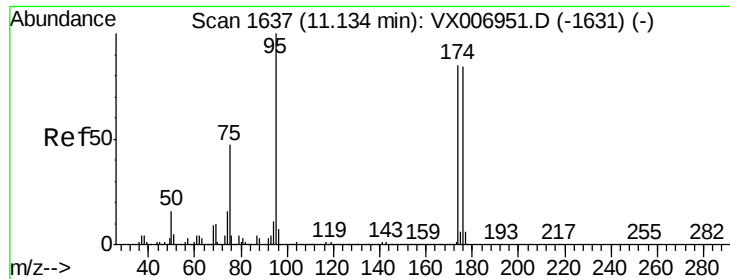
Tgt Ion: 43 Resp: 1184

Ion Ratio Lower Upper

43 100

58 29.6 27.7 83.1





#62

4-Bromofluorobenzene

Concen: 54.011 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007138.D

Acq: 18 Jan 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

SS038MW013-190116

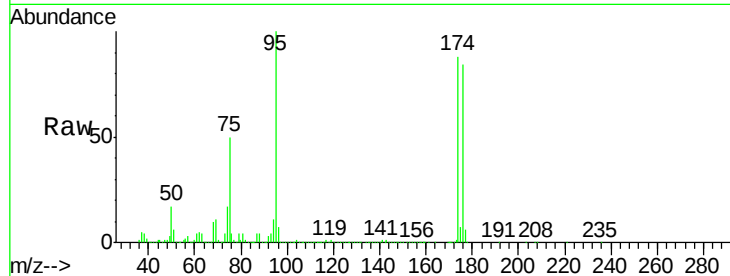
Tot Ion: 95 Resp: 360738

Ion Ratio Lower Upper

95 100

174 92.2 0.0 182.2

176 90.1 0.0 178.8

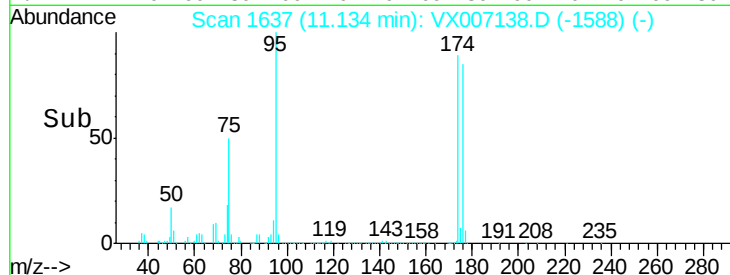


Abundance Ion 94.90 (94.60 to 95.60): VX006951.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX006951.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX006951.D (-1631) (-)

Time-->

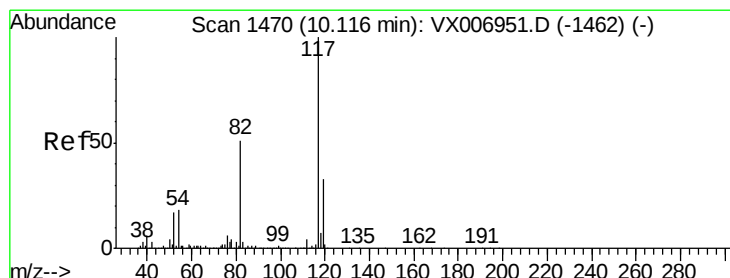


Abundance Ion 94.90 (94.60 to 95.60): VX007138.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX007138.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX007138.D (-1588) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX007138.D

Acq: 18 Jan 2019 16:42

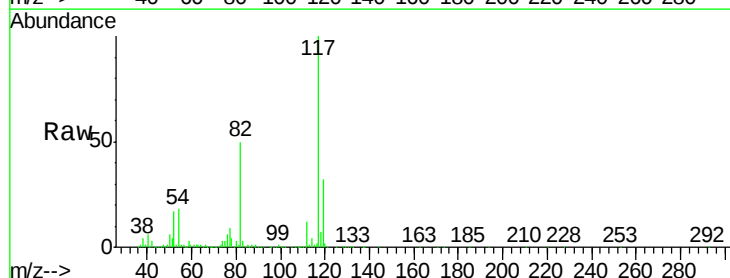
Tgt Ion: 117 Resp: 770140

Ion Ratio Lower Upper

117 100

82 49.9 41.0 61.6

119 31.8 25.4 38.0

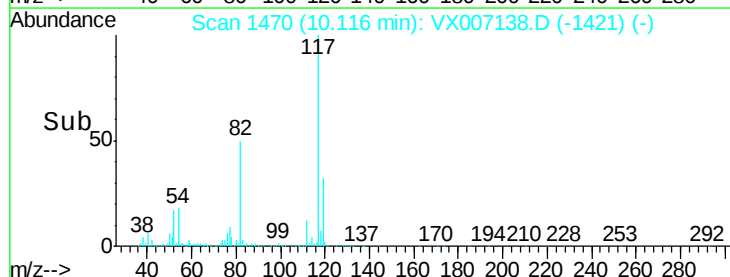


Abundance Ion 116.90 (116.60 to 117.60): VX006951.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX006951.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006951.D (-1462) (-)

Time-->

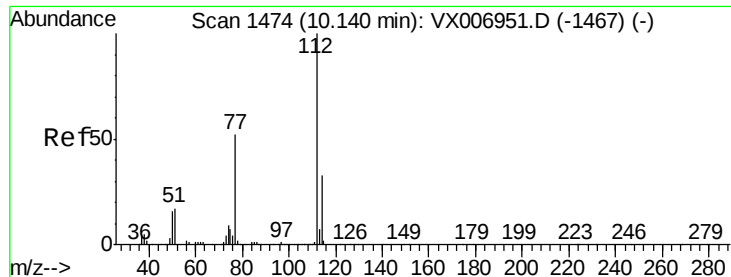


Abundance Ion 116.90 (116.60 to 117.60): VX007138.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX007138.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX007138.D (-1421) (-)

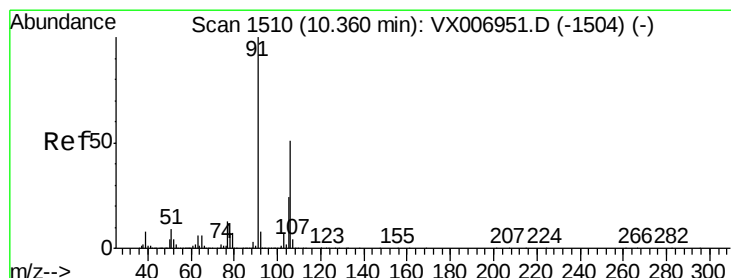
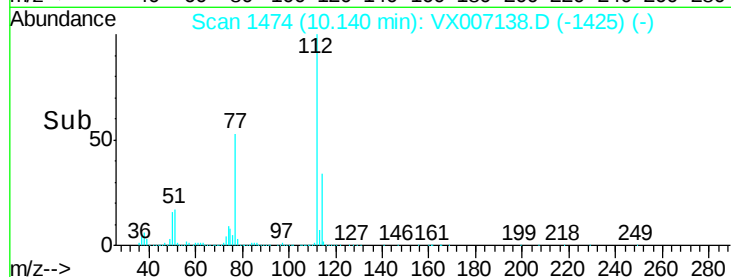
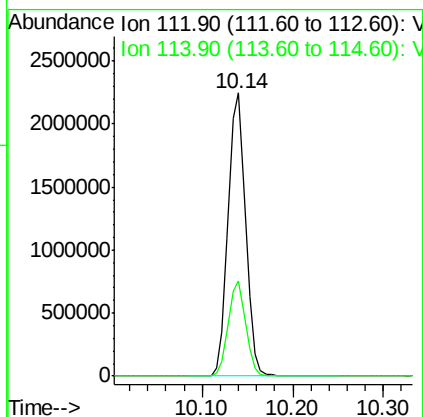
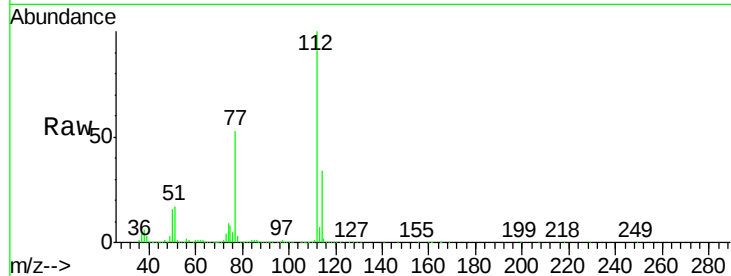
Time-->



#65
Chlorobenzene
Concen: 180.166 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007138.D
Acq: 18 Jan 2019 16:42

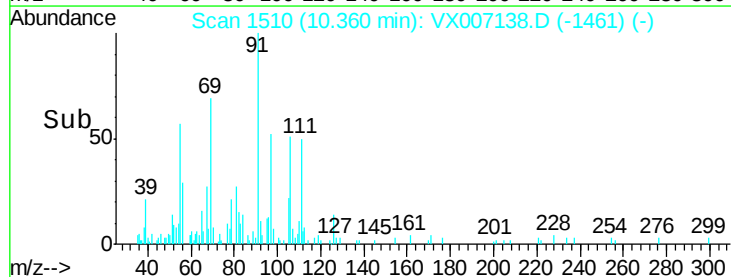
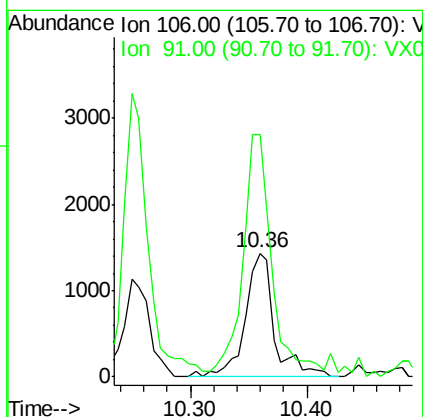
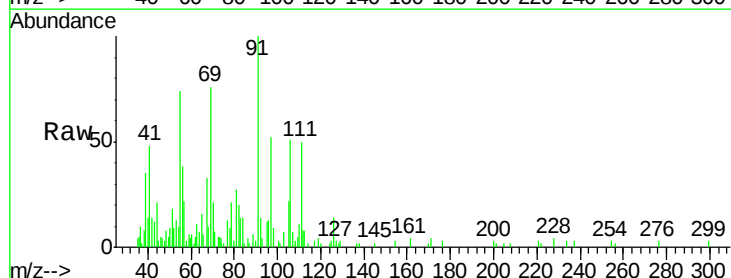
Instrument :
MSVOA_X
ClientSampleId :
SS038MW013-190116

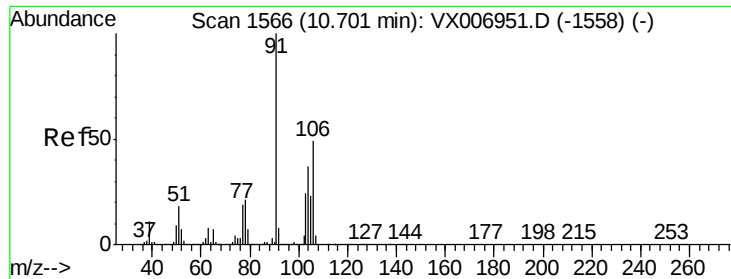
Tot Ion:112 Resp: 3026273
Ion Ratio Lower Upper
112 100
114 33.6 25.7 38.5



#68
m/p-Xylenes
Concen: 0.230 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007138.D
Acq: 18 Jan 2019 16:42

Tgt Ion:106 Resp: 2510
Ion Ratio Lower Upper
106 100
91 184.6 155.8 233.6

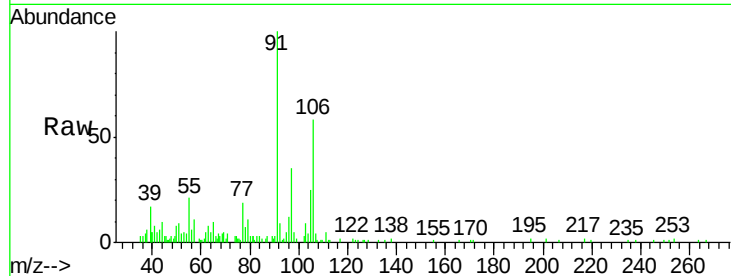




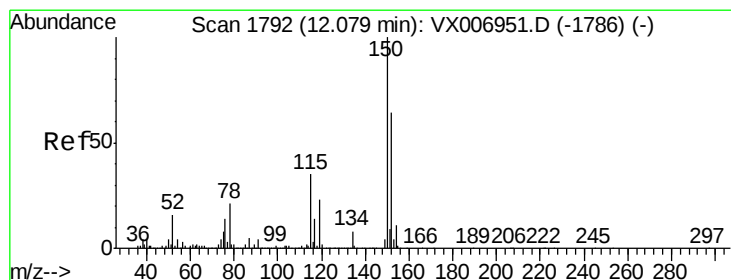
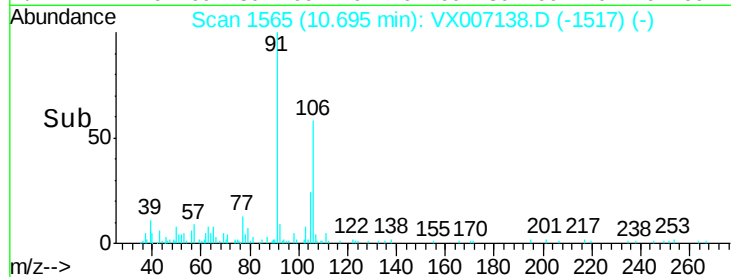
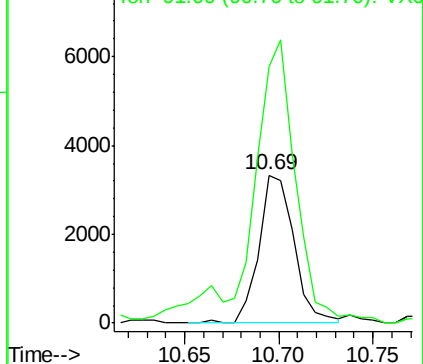
#69
o-Xylene
Concen: 0.404 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007138.D
Acq: 18 Jan 2019 16:42

Instrument :
MSVOA_X
ClientSampleId :
SS038MW013-190116

Tot Ion:106 Resp: 4309
Ion Ratio Lower Upper
106 100
91 212.1 101.3 303.7

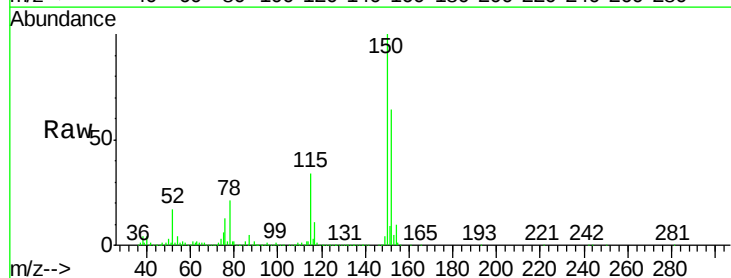


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

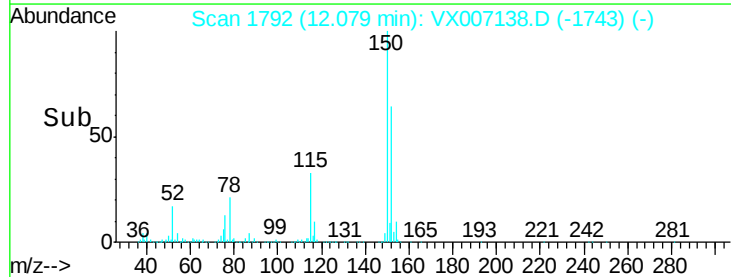
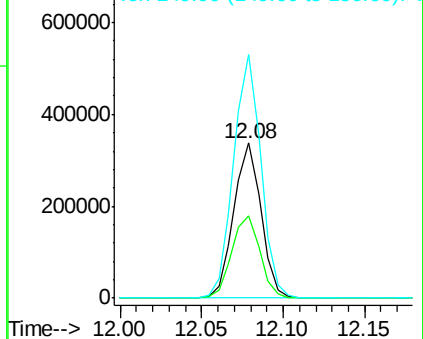


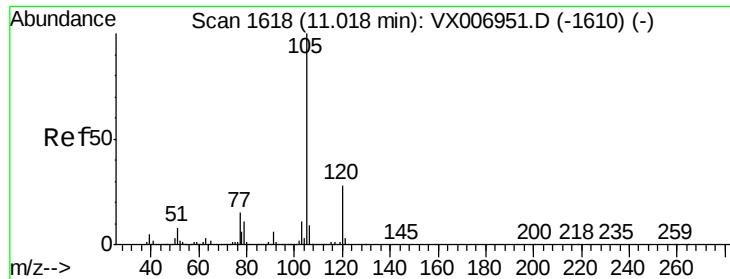
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007138.D
Acq: 18 Jan 2019 16:42

Tgt Ion:152 Resp: 393704
Ion Ratio Lower Upper
152 100
115 55.1 39.1 117.2
150 157.3 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: 6.849 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007138.D

Acq: 18 Jan 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

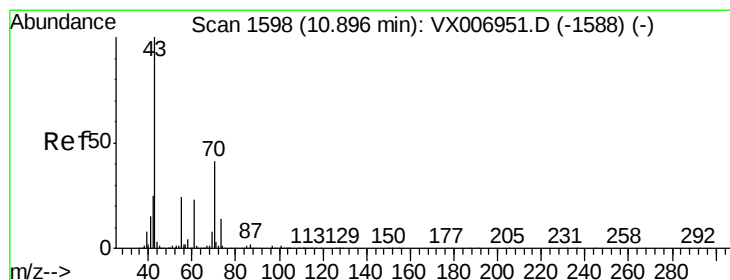
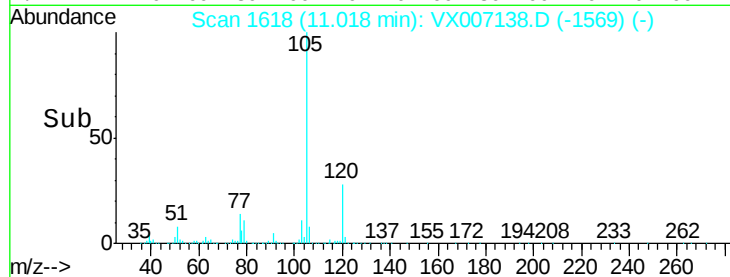
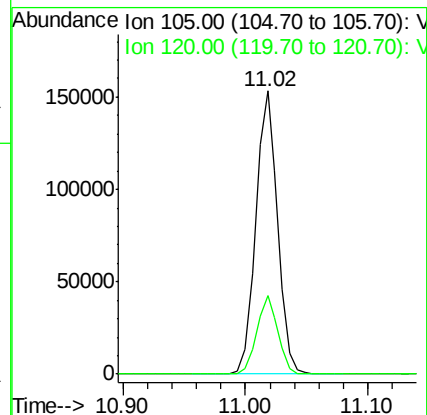
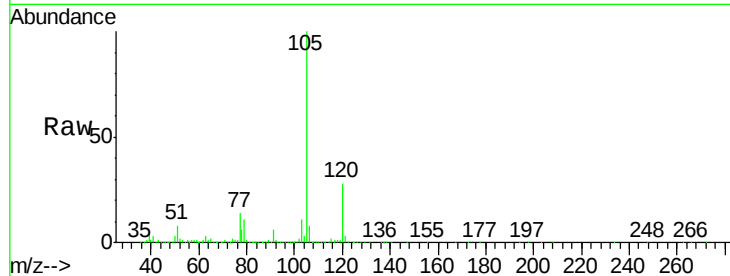
SS038MW013-190116

Tot Ion:105 Resp: 190144

Ion Ratio Lower Upper

105 100

120 27.1 14.1 42.4



#74

N-ethyl acetate

Concen: 0.361 ug/l

RT: 10.94 min Scan# 1606

Delta R.T. 0.05 min

Lab File: VX007138.D

Acq: 18 Jan 2019 16:42

Tgt Ion: 43 Resp: 4031

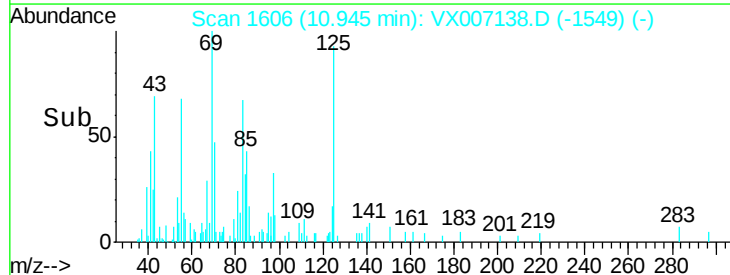
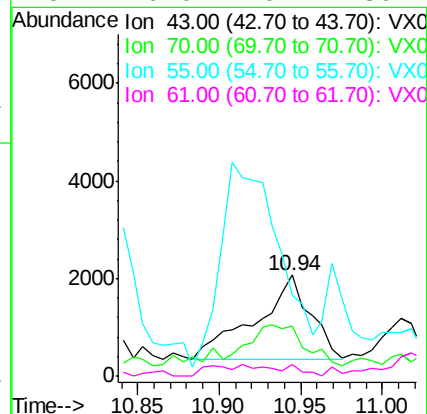
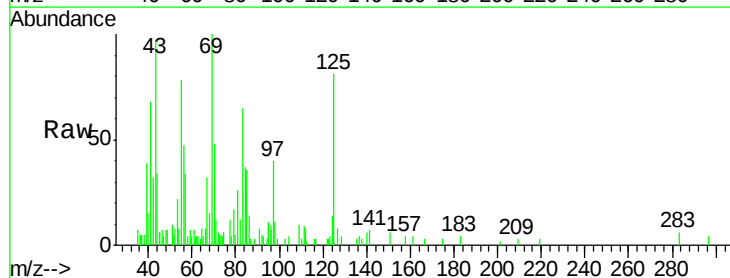
Ion Ratio Lower Upper

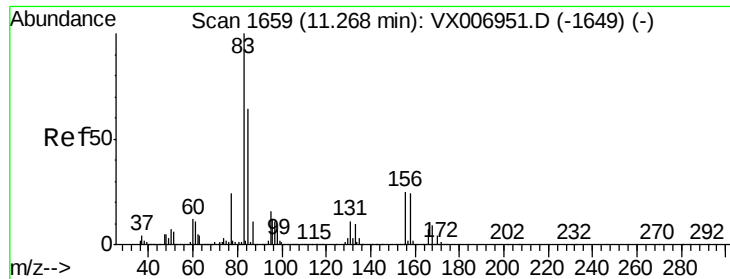
43 100

70 50.4 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: 0.237 ug/l

RT: 11.28 min Scan# 1661

Delta R.T. 0.01 min

Lab File: VX007138.D

Acq: 18 Jan 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

SS038MW013-190116

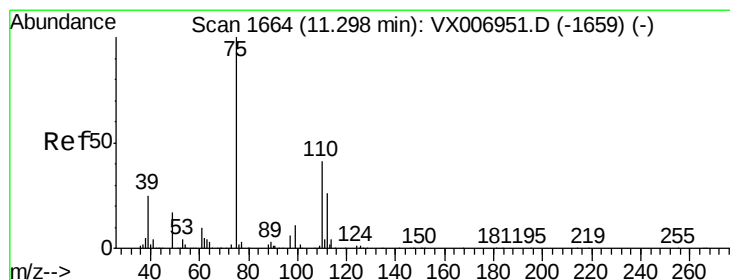
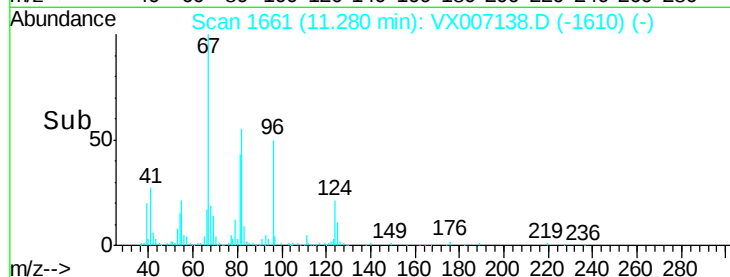
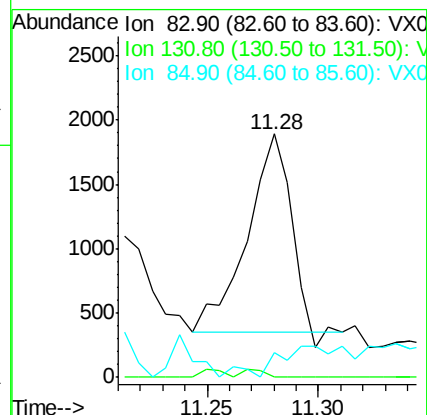
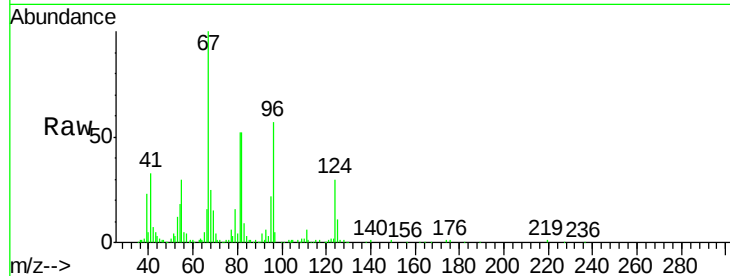
Tot Ion: 83 Resp: 2086

Ion Ratio Lower Upper

83 100

131 0.0 5.7 17.1#

85 15.0 32.2 96.6#



#76

1,2,3-Trichloropropane

Concen: 21.911 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007138.D

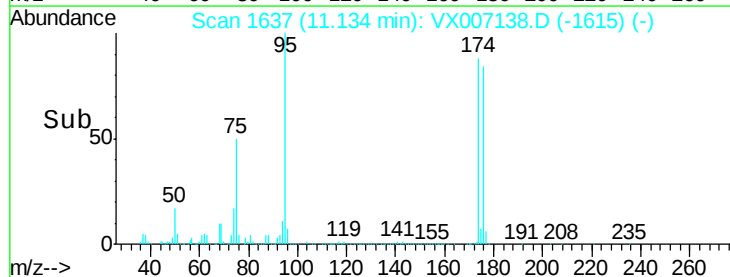
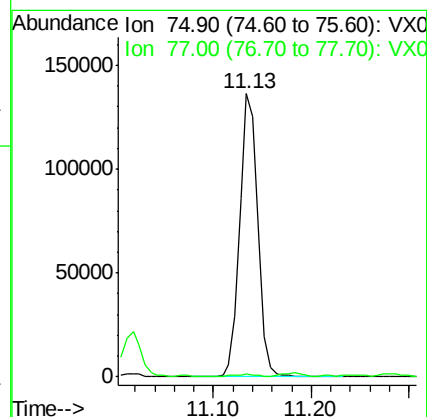
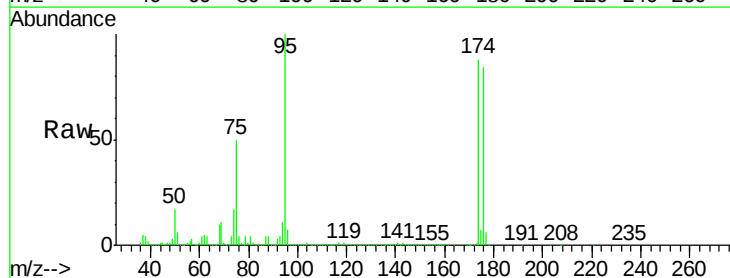
Acq: 18 Jan 2019 16:42

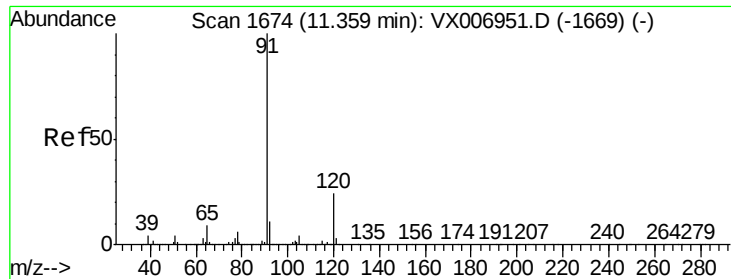
Tgt Ion: 75 Resp: 174815

Ion Ratio Lower Upper

75 100

77 0.9 18.5 55.5#





#78

n-propylbenzene

Concen: 5.276 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007138.D

Acq: 18 Jan 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

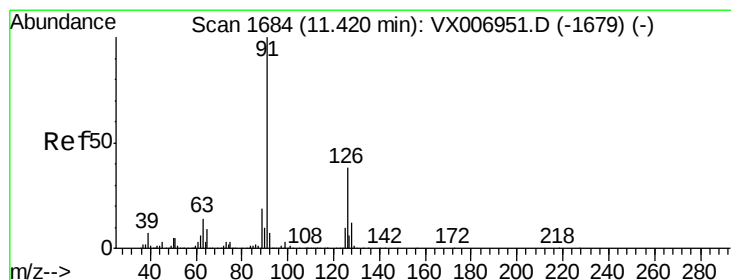
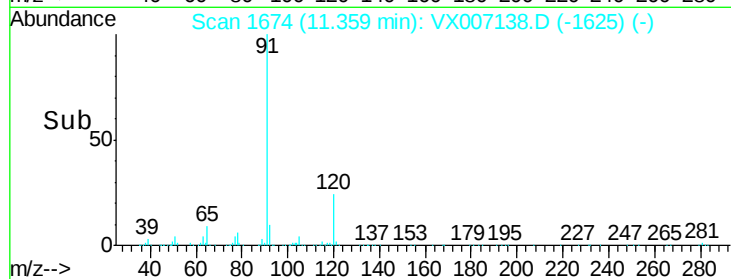
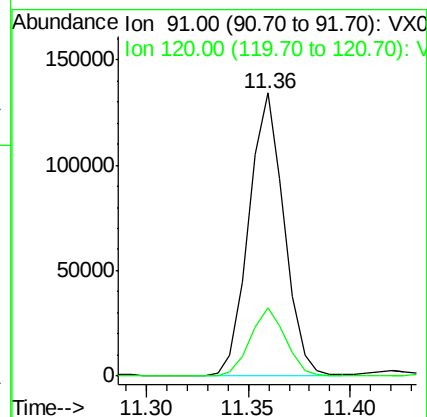
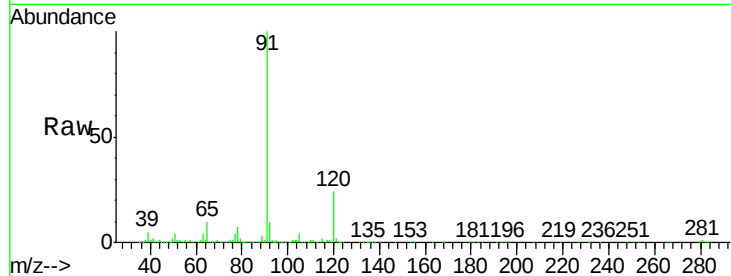
SS038MW013-190116

Tot Ion: 91 Resp: 160782

Ion Ratio Lower Upper

91 100

120 24.3 12.7 38.0



#79

2-Chlorotoluene

Concen: 8.764 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX007138.D

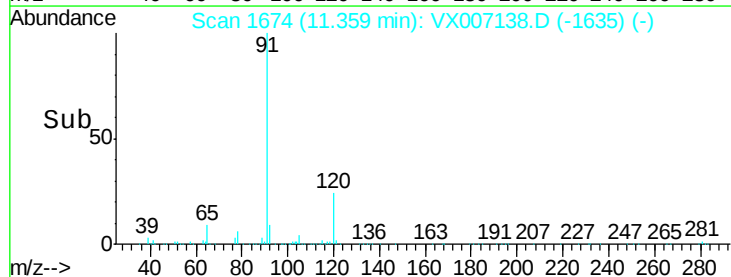
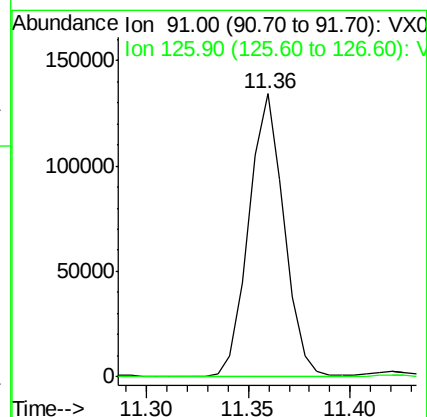
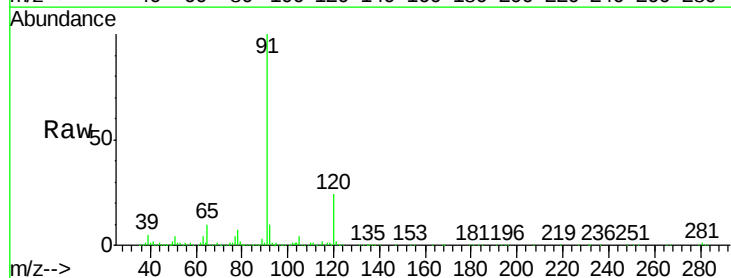
Acq: 18 Jan 2019 16:42

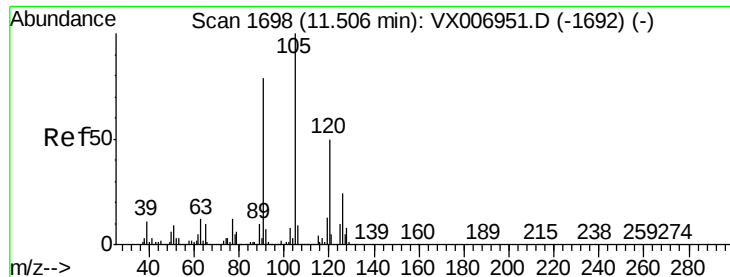
Tgt Ion: 91 Resp: 160782

Ion Ratio Lower Upper

91 100

126 0.0 18.6 56.0#





#80

1,3,5-Trimethylbenzene

Concen: 1.056 ug/l

RT: 11.66 min Scan# 1724

Delta R.T. 0.16 min

Lab File: VX007138.D

Acq: 18 Jan 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

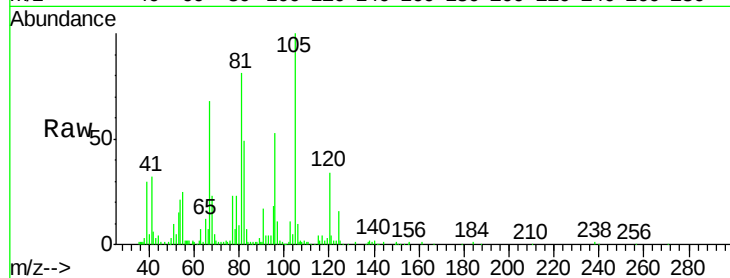
SS038MW013-190116

Tot Ion:105 Resp: 24490

Ion Ratio Lower Upper

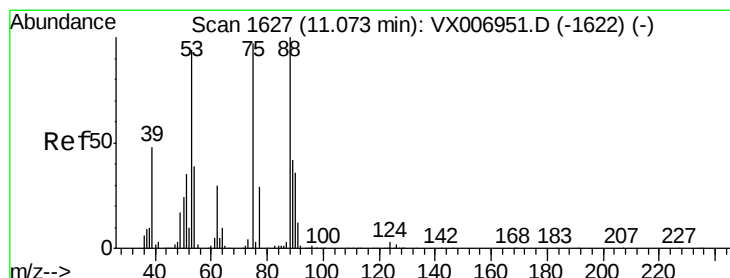
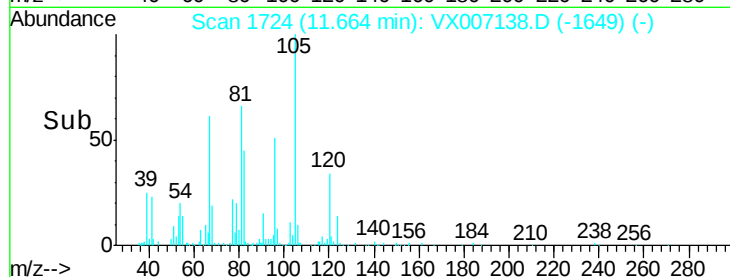
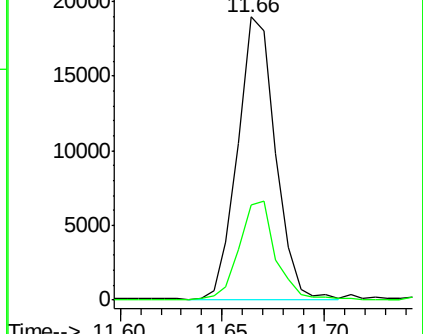
105 100

120 34.0 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 64.906 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007138.D

Acq: 18 Jan 2019 16:42

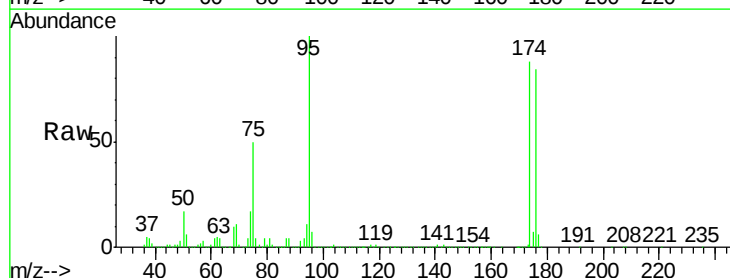
Tgt Ion: 75 Resp: 174815

Ion Ratio Lower Upper

75 100

53 0.0 79.7 119.5#

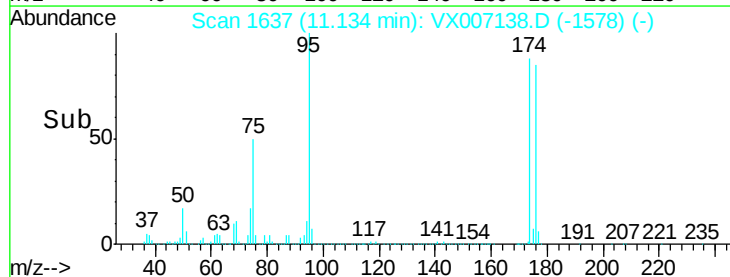
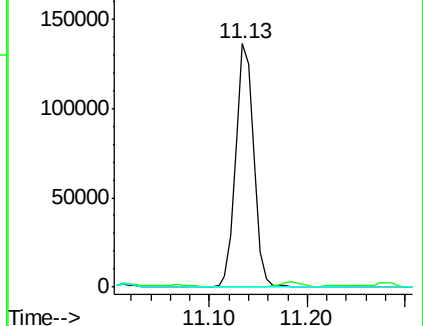
89 0.0 38.0 57.0#

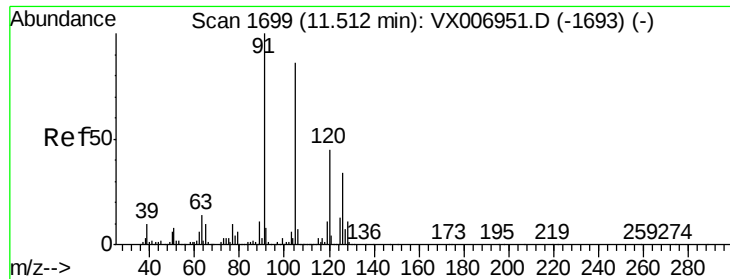


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 7.569 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.15 min

Lab File: VX007138.D

Acq: 18 Jan 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

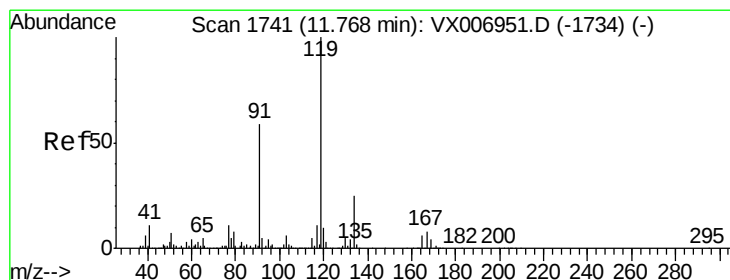
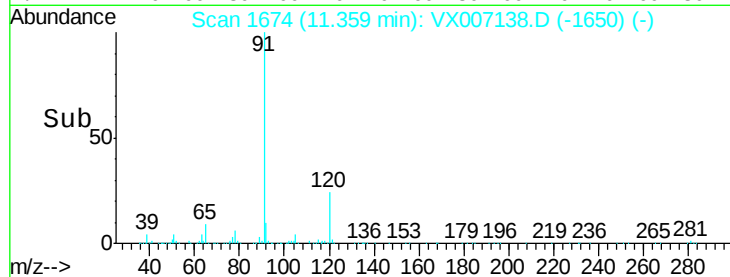
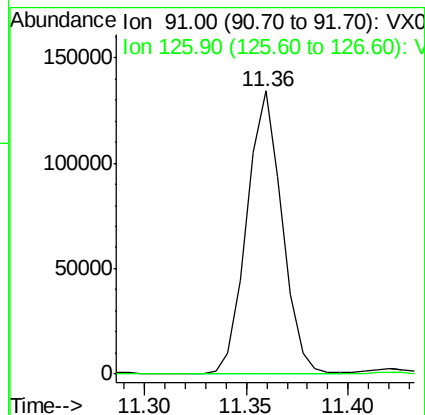
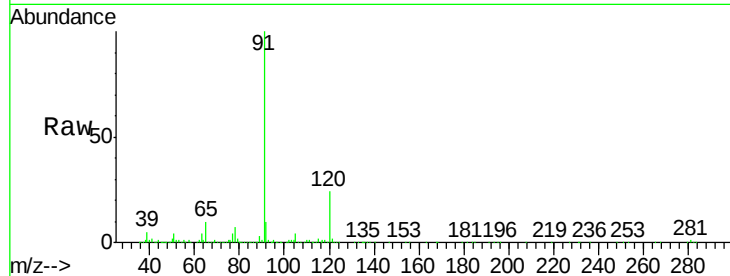
SS038MW013-190116

Tot Ion: 91 Resp: 160782

Ion Ratio Lower Upper

91 100

126 0.0 16.3 48.9#



#83

tert-Butylbenzene

Concen: 6.758 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007138.D

Acq: 18 Jan 2019 16:42

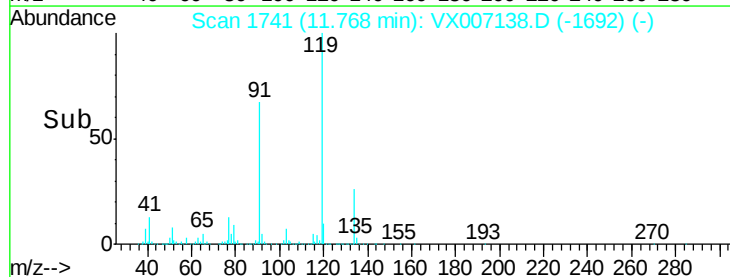
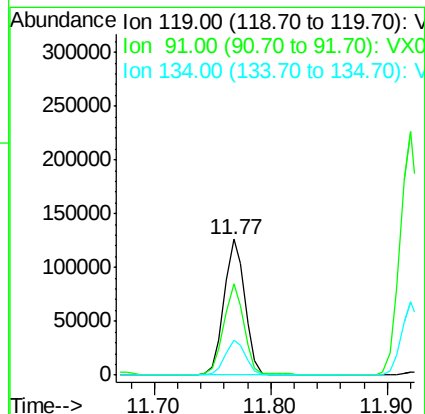
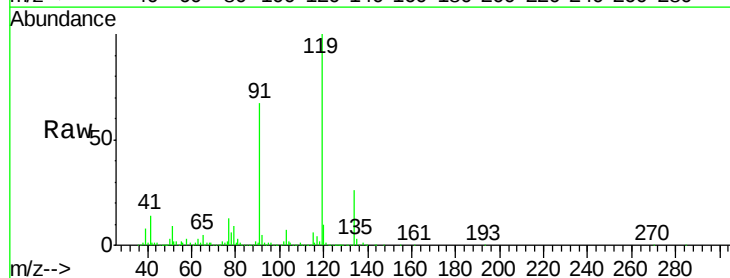
Tgt Ion: 119 Resp: 156414

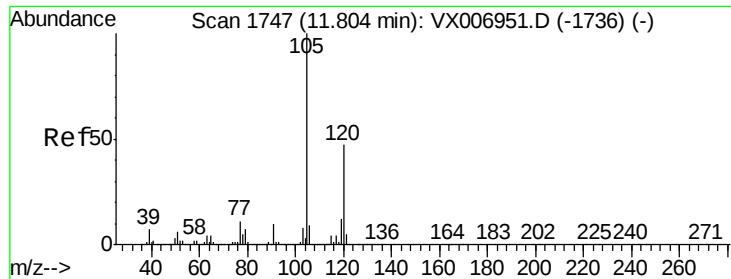
Ion Ratio Lower Upper

119 100

91 65.6 27.7 83.1

134 25.3 11.9 35.5





#84

1,2,4-Trimethylbenzene

Concen: 1.050 ug/l

RT: 11.66 min Scan# 1724

Delta R.T. -0.14 min

Lab File: VX007138.D

Acq: 18 Jan 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

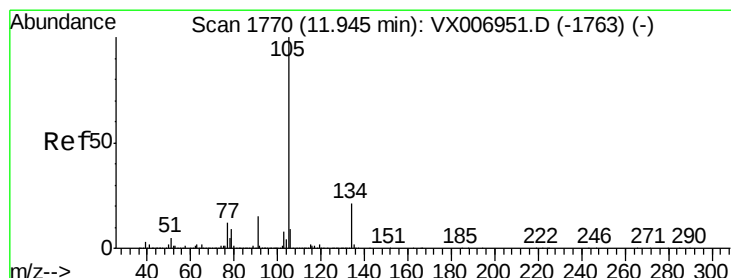
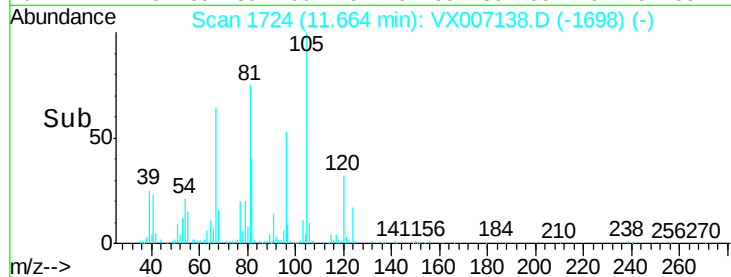
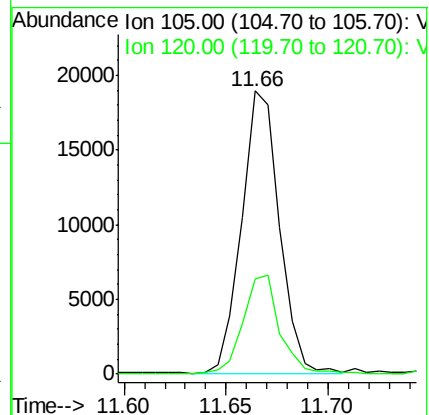
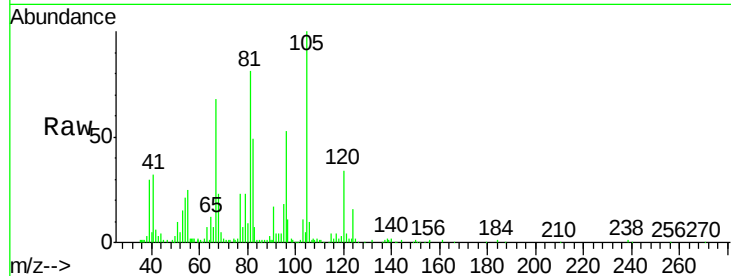
SS038MW013-190116

Tot Ion:105 Resp: 24490

Ion Ratio Lower Upper

105 100

120 34.0 23.2 69.6



#85

sec-Butylbenzene

Concen: 10.638 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007138.D

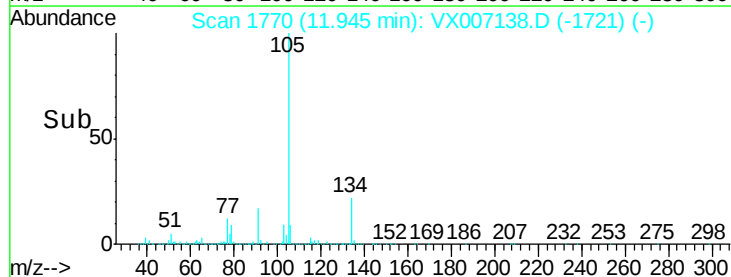
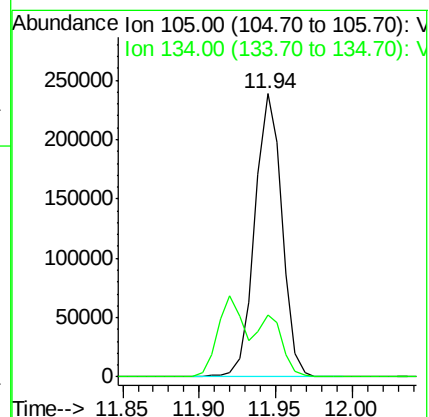
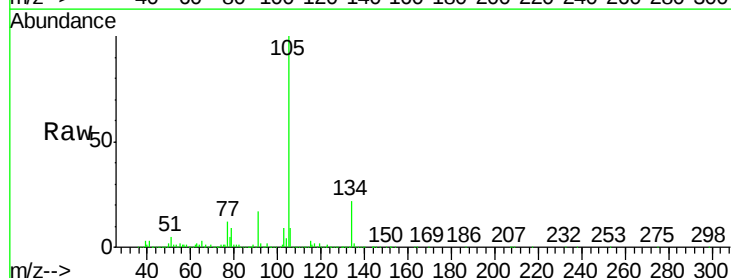
Acq: 18 Jan 2019 16:42

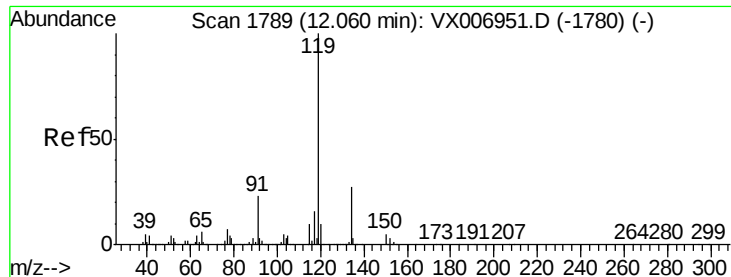
Tgt Ion:105 Resp: 294051

Ion Ratio Lower Upper

105 100

134 0.0 10.7 31.9#





#86

p-Isopropyltoluene

Concen: 30.116 ug/l

RT: 12.23 min Scan# 1817

Delta R.T. 0.17 min

Lab File: VX007138.D

Acq: 18 Jan 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

SS038MW013-190116

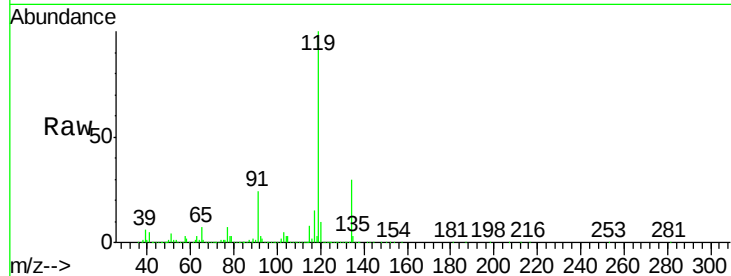
Tot Ion:119 Resp: 744568

Ion Ratio Lower Upper

119 100

134 29.5 14.0 41.9

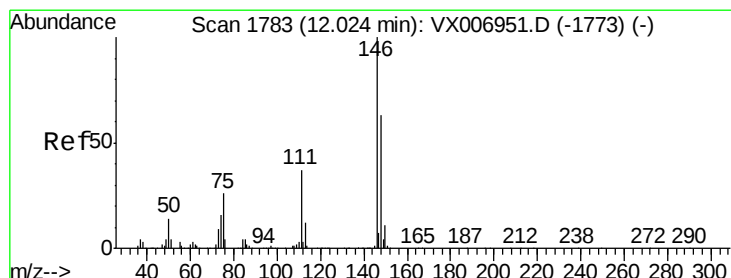
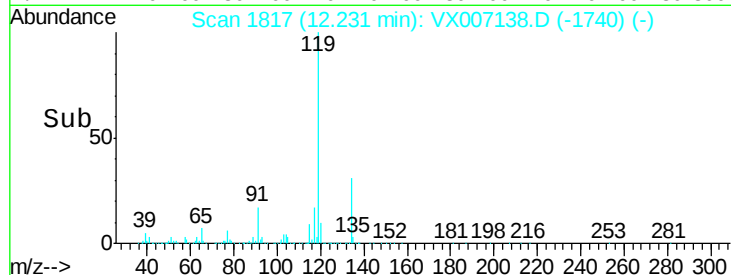
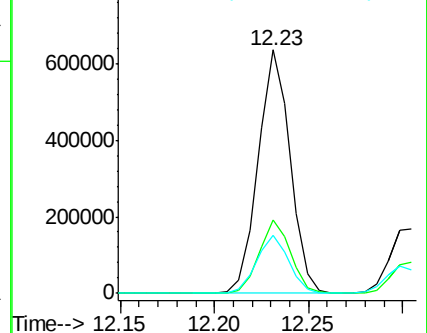
91 23.7 11.3 33.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87

1,3-Dichlorobenzene

Concen: 0.281 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX007138.D

Acq: 18 Jan 2019 16:42

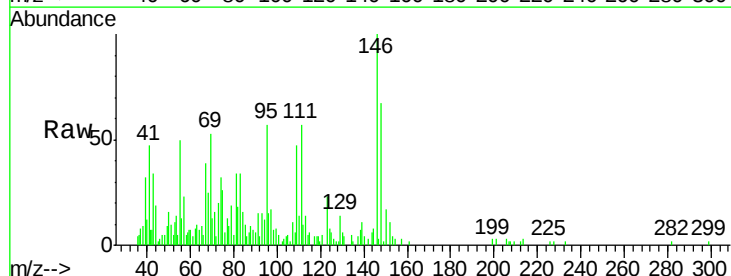
Tgt Ion:146 Resp: 3880

Ion Ratio Lower Upper

146 100

111 54.8 18.6 55.8

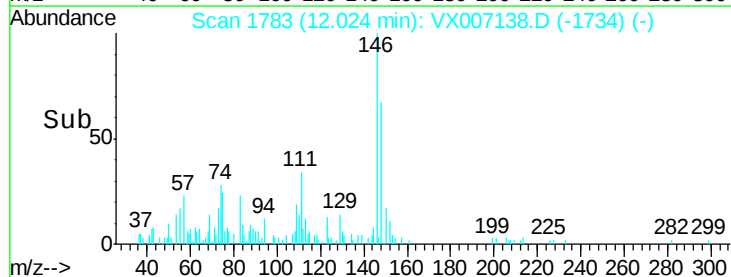
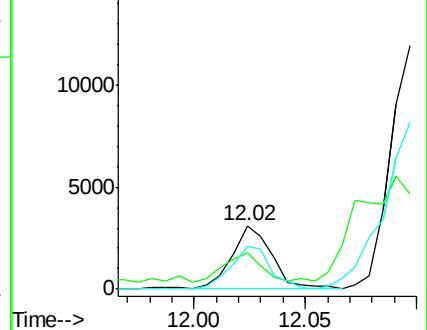
148 67.0 31.8 95.3

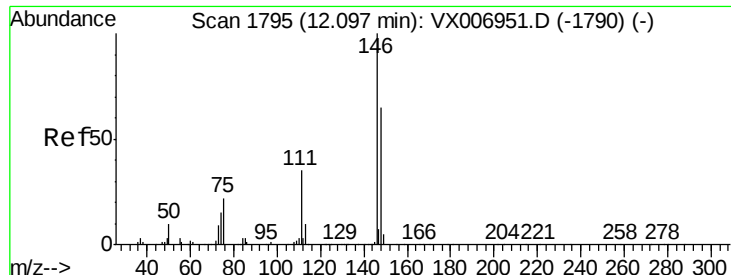


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 0.440 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.07 min

Lab File: VX007138.D

Acq: 18 Jan 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

SS038MW013-190116

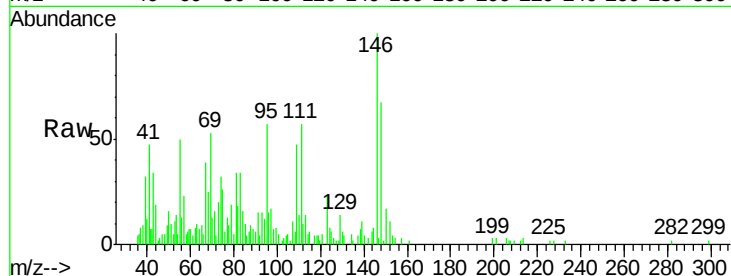
Tot Ion:146 Resp: 3880

Ion Ratio Lower Upper

146 100

111 53.1 18.1 54.1

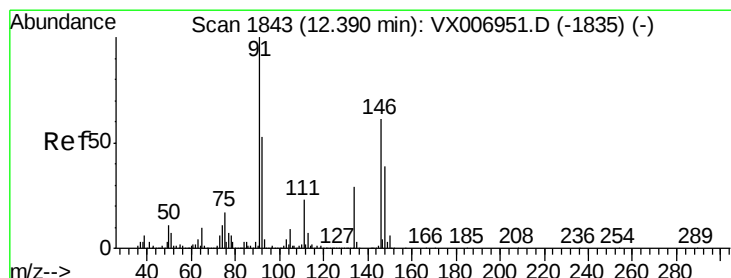
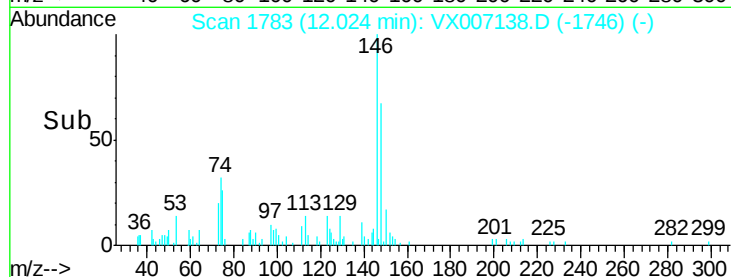
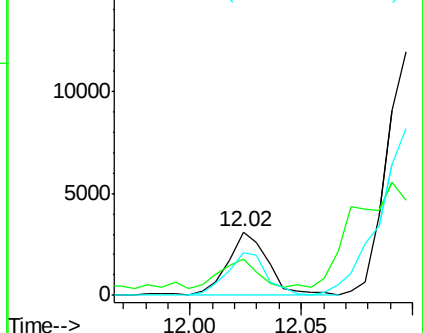
148 67.0 31.9 95.9



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



#89

n-Butylbenzene

Concen: 1.656 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007138.D

Acq: 18 Jan 2019 16:42

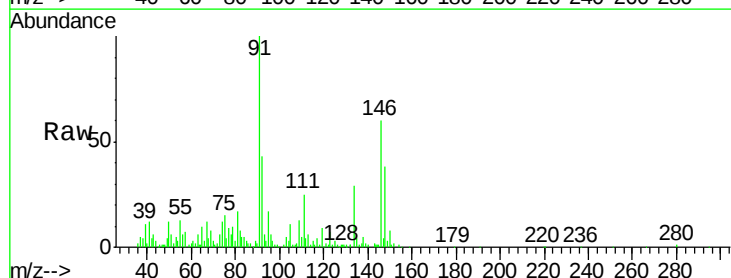
Tgt Ion: 91 Resp: 34900

Ion Ratio Lower Upper

91 100

92 33.2 26.8 80.4

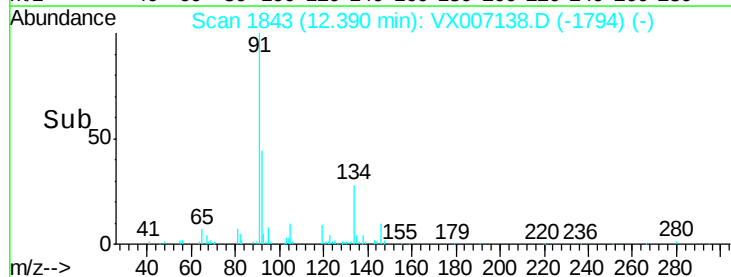
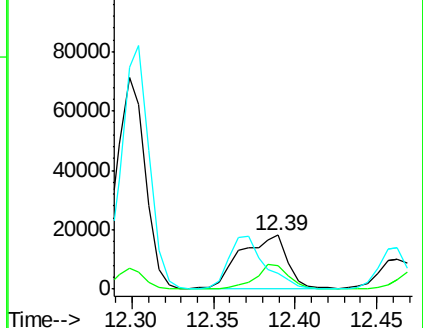
134 80.0 14.4 43.2#

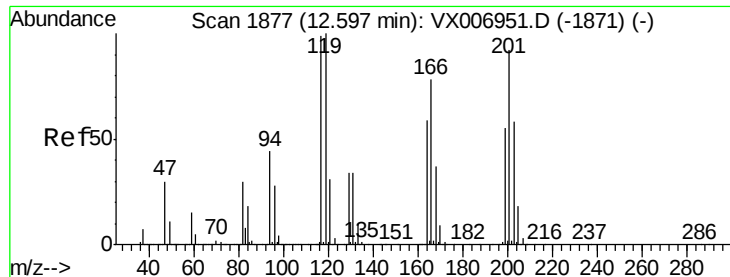


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 83.048 ug/l

RT: 12.70 min Scan# 1894

Delta R.T. 0.10 min

Lab File: VX007138.D

Acq: 18 Jan 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

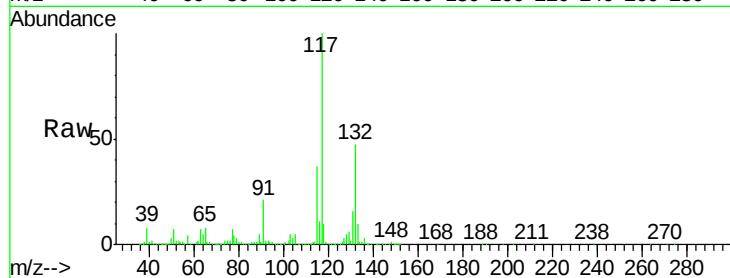
SS038MW013-190116

Tot Ion:117 Resp: 335841

Ion Ratio Lower Upper

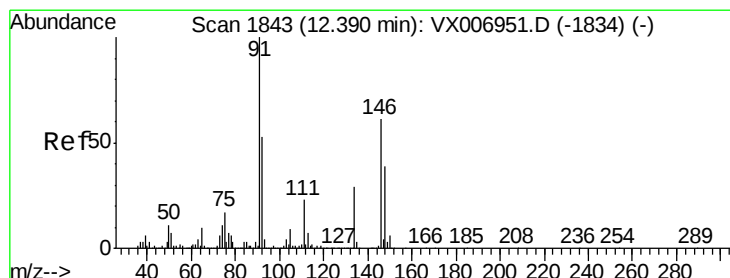
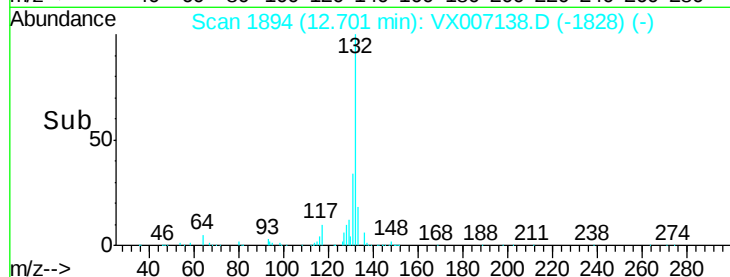
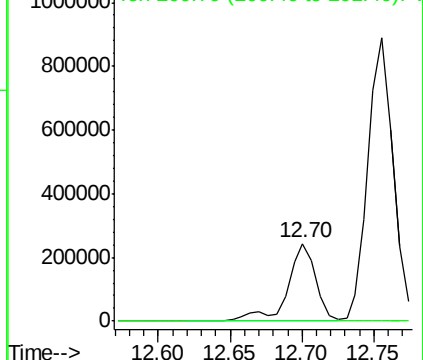
117 100

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: 1.072 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007138.D

Acq: 18 Jan 2019 16:42

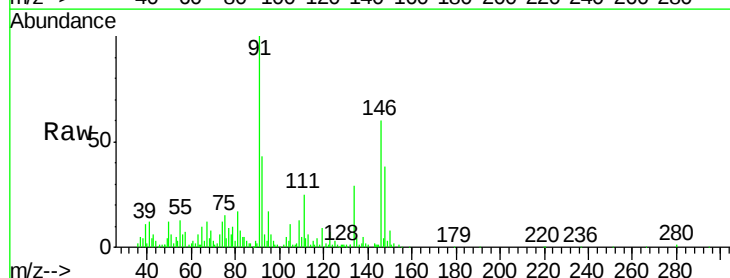
Tgt Ion:146 Resp: 14625

Ion Ratio Lower Upper

146 100

111 39.1 19.4 58.2

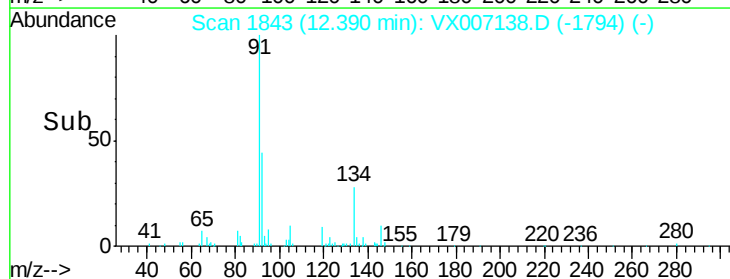
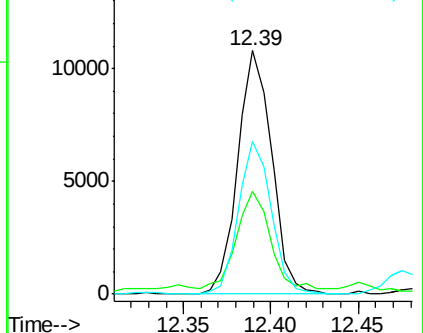
148 60.5 32.3 96.9

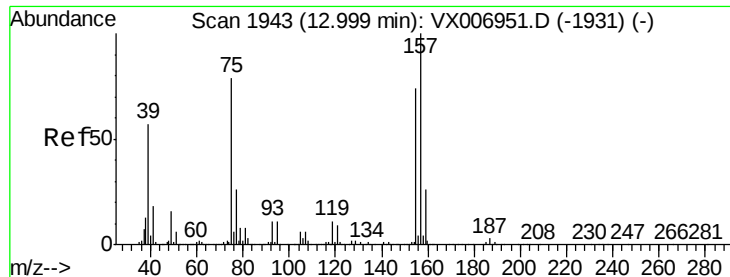


Abundance Ion 145.90 (145.60 to 146.60): V

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: 1.546 ug/l

RT: 12.98 min Scan# 1940

Delta R.T. -0.02 min

Lab File: VX007138.D

Acq: 18 Jan 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

SS038MW013-190116

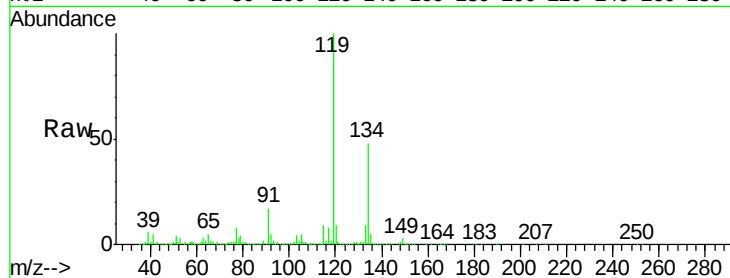
Tot Ion: 75 Resp: 2695

Ion Ratio Lower Upper

75 100

155 0.9 50.6 151.8#

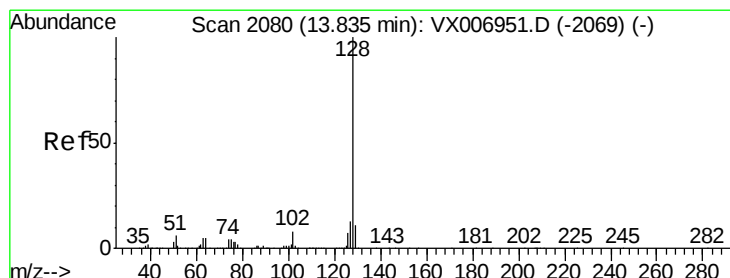
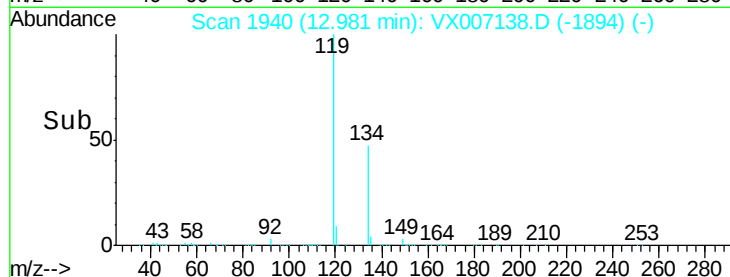
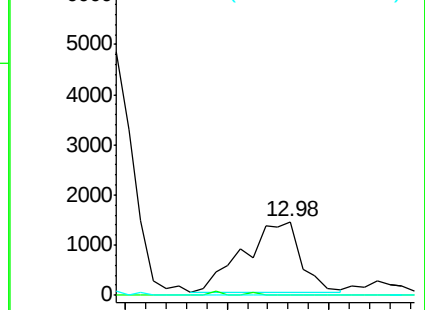
157 0.0 64.6 193.8#



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



#95

Naphthalene

Concen: 0.587 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007138.D

Acq: 18 Jan 2019 16:42

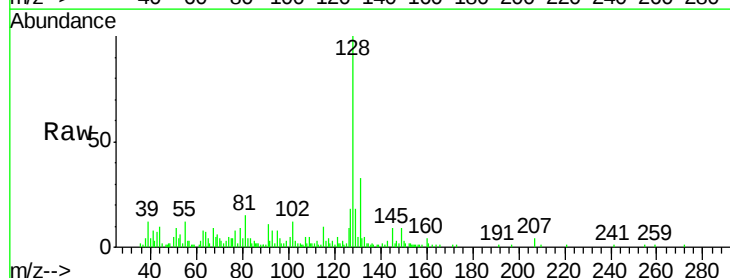
Tgt Ion: 128 Resp: 16652

Ion Ratio Lower Upper

128 100

127 14.0 10.1 15.1

129 16.9 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

