

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011719\
 Data File : VX007088.D
 Acq On : 17 Jan 2019 14:56
 Operator : JC/SP
 Sample : K1168-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038MW050-190115

Quant Time: Jan 18 04:59:23 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	611001	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	939911	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	869125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	441280	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	320840	50.25	ug/l	0.00
Spiked Amount			Recovery	=	100.50%	
35) Dibromofluoromethane	5.51	113	282439	46.92	ug/l	0.00
Spiked Amount			Recovery	=	93.84%	
50) Toluene-d8	8.71	98	1129315	51.26	ug/l	0.00
Spiked Amount			Recovery	=	102.52%	
62) 4-Bromofluorobenzene	11.13	95	403265	52.50	ug/l	0.00
Spiked Amount			Recovery	=	105.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.34	50	1407	0.241	ug/l #	61
4) Vinyl Chloride	1.41	62	2391	0.381	ug/l #	1
6) Chloroethane	1.60	64	20197	4.604	ug/l #	54
11) Tert butyl alcohol	3.07	59	7656	5.083	ug/l #	89
13) Acrolein	2.32	56	509	3.858	ug/l #	13
14) Allyl chloride	2.84	41	137360	14.273	ug/l #	65
16) Acetone	2.45	43	1698	0.538	ug/l #	61
18) Methyl Acetate	2.84	43	329089	35.998	ug/l #	52
20) Methylene Chloride	2.85	84	1313	Below Cal	#	1
21) trans-1,2-Dichloroethene	3.17	96	1417	0.226	ug/l #	73
25) 2-Butanone	4.56	43	26943	5.965	ug/l #	50
31) Cyclohexane	5.58	56	5991	0.665	ug/l #	82
36) 1,1-Dichloropropene	5.67	75	38957	4.767	ug/l #	49
38) Carbon Tetrachloride	5.67	117	53793	6.543	ug/l #	14
39) Methylcyclohexane	7.45	83	63010	6.048	ug/l #	34
40) Benzene	6.15	78	6826	0.274	ug/l	93
43) Isopropyl Acetate	6.35	43	382150	27.654	ug/l #	59
47) Bromodichloromethane	7.85	83	7156	0.954	ug/l #	81
48) Methyl methacrylate	7.85	41	40644	5.727	ug/l	96
49) 1,4-Dioxane	7.73	88	46	Below Cal	#	27
51) 4-Methyl-2-Pentanone	8.40	43	2117	0.238	ug/l	88
55) 1,1,2-Trichloroethane	9.16	97	22487	3.506	ug/l #	19
56) Ethyl methacrylate	9.16	69	4539	0.485	ug/l #	1
65) Chlorobenzene	10.14	112	351678	18.552	ug/l	99
73) Isopropylbenzene	11.02	105	122633	3.941	ug/l	98
74) N-amyl acetate	10.93	43	2672	0.213	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.28	83	9336	0.945	ug/l #	40
76) 1,2,3-Trichloropropane	11.13	75	193766	21.668	ug/l #	39
78) n-propylbenzene	11.36	91	9395	0.275	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.13	75	193766	64.228	ug/l #	10
83) tert-Butylbenzene	11.77	119	146987	5.666	ug/l	91
84) 1,2,4-Trimethylbenzene	11.94	105	328422	12.561	ug/l #	31
85) sec-Butylbenzene	11.94	105	328422	10.601	ug/l #	55
86) p-Isopropyltoluene	12.23	119	555543	20.048	ug/l	98

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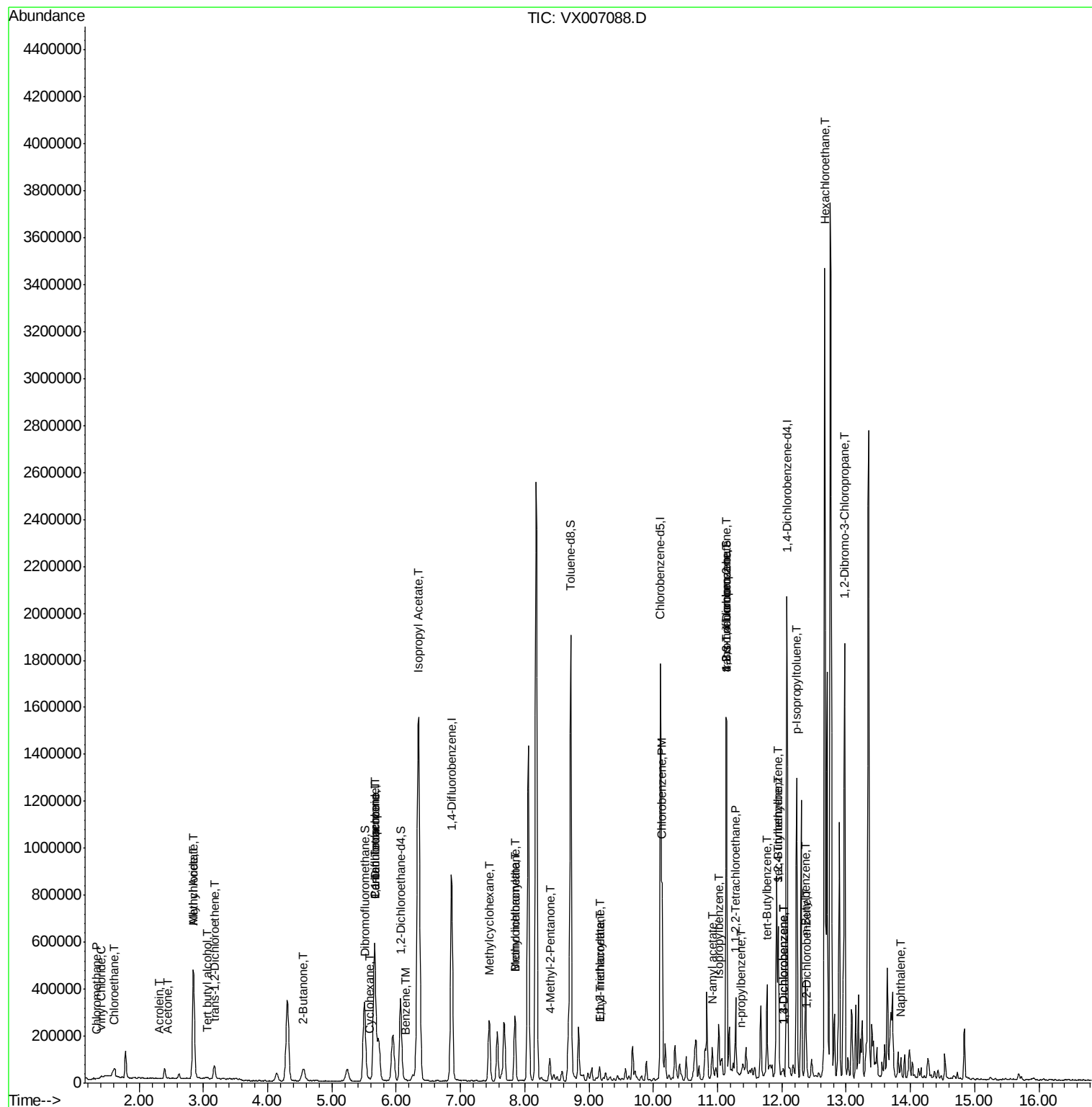
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) 1,3-Dichlorobenzene	12.02	146	8636	0.557	ug/l	91
88) 1,4-Dichlorobenzene	12.02	146	8636	0.731	ug/l	91
89) n-Butylbenzene	12.37	91	18245	0.772	ug/l #	5
90) Hexachloroethane	12.67	117	153910	35.675	ug/l #	6
91) 1,2-Dichlorobenzene	12.39	146	5220	0.341	ug/l	91
92) 1,2-Dibromo-3-Chloropropan	12.97	75	7130	3.649	ug/l #	1
95) Naphthalene	13.84	128	6516	0.205	ug/l #	61

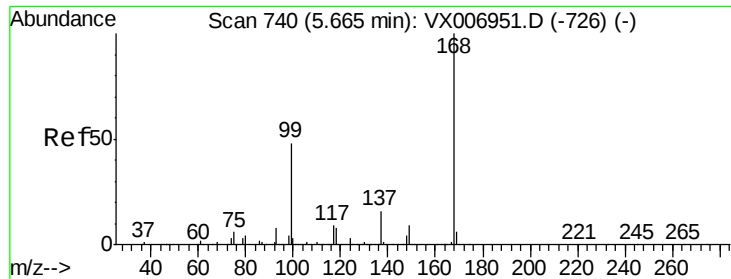
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007088.D

Acq: 17 Jan 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

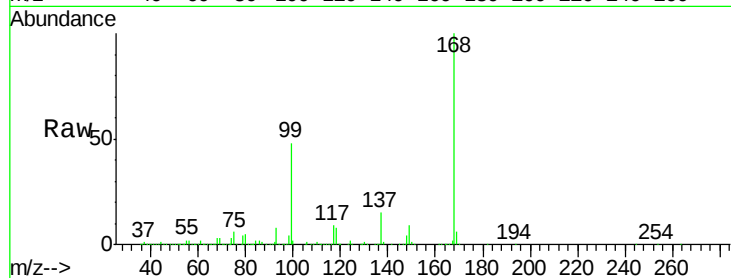
SS038MW050-190115

Tot Ion:168 Resp: 611001

Ion Ratio Lower Upper

168 100

99 48.2 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

250000

200000

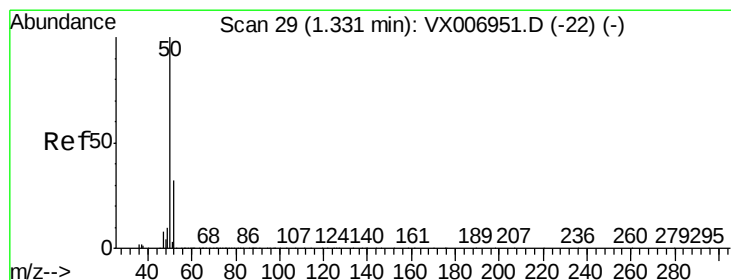
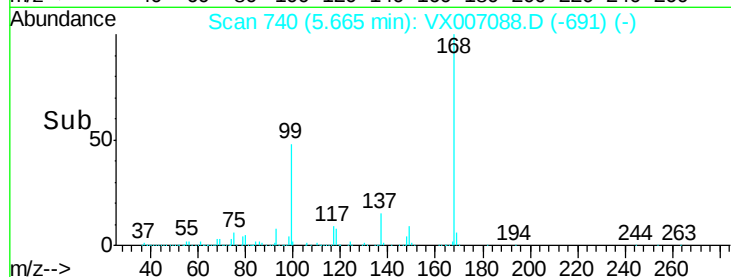
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.241 ug/l

RT: 1.34 min Scan# 30

Delta R.T. 0.01 min

Lab File: VX007088.D

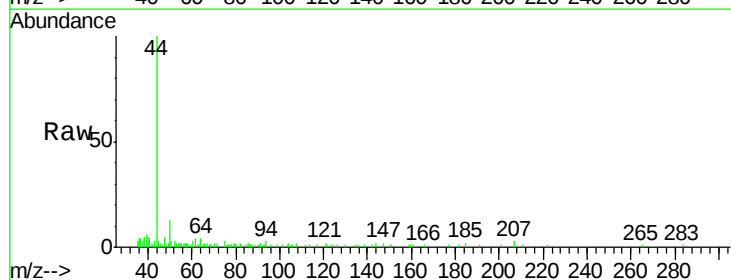
Acq: 17 Jan 2019 14:56

Tgt Ion: 50 Resp: 1407

Ion Ratio Lower Upper

50 100

52 10.3 25.4 38.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.34

800

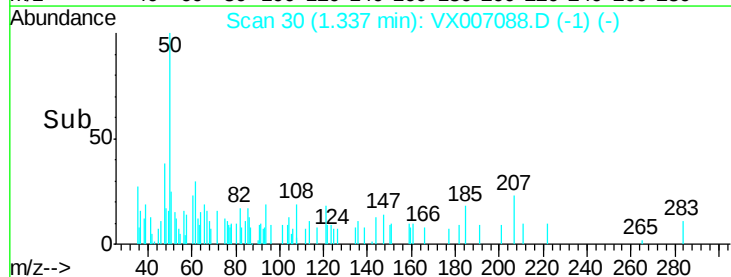
600

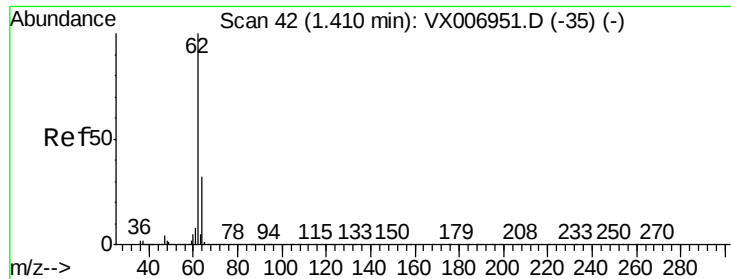
400

200

0

Time--> 1.30 1.35 1.40





#4

Vinyl Chloride

Concen: 0.381 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007088.D

Acq: 17 Jan 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

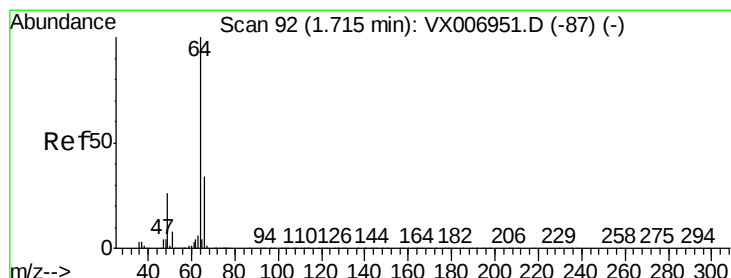
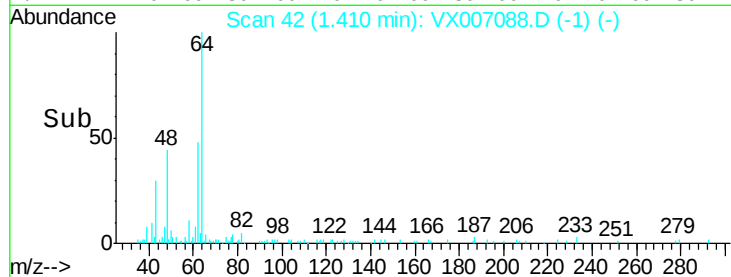
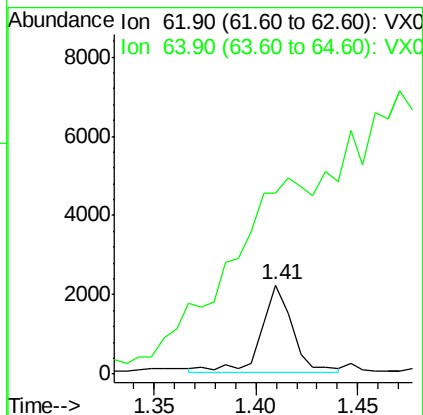
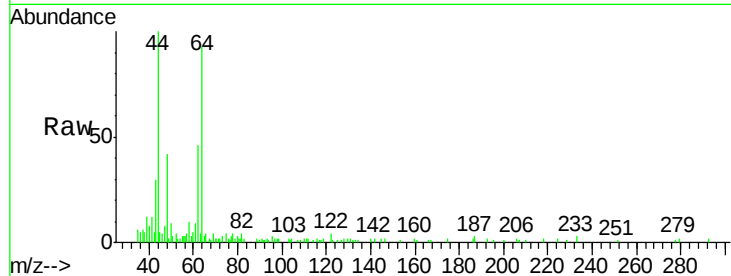
SS038MW050-190115

Tot Ion: 62 Resp: 2391

Ion Ratio Lower Upper

62 100

64 133.0 25.1 37.7#



#6

Chloroethane

Concen: 4.604 ug/l

RT: 1.60 min Scan# 73

Delta R.T. -0.12 min

Lab File: VX007088.D

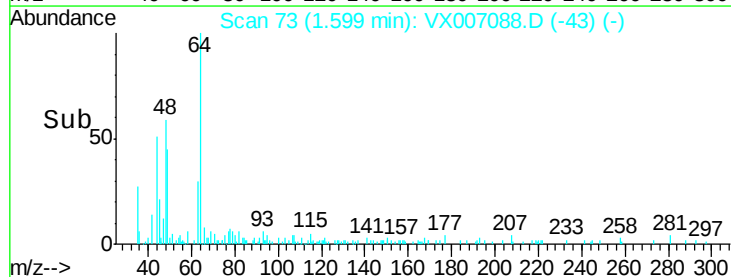
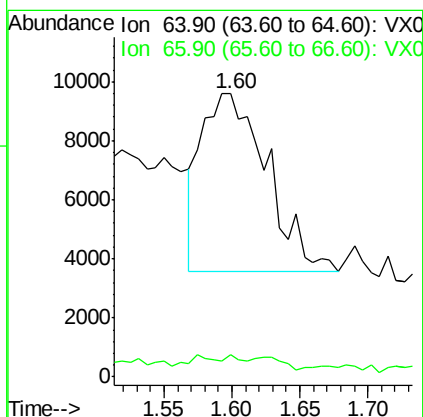
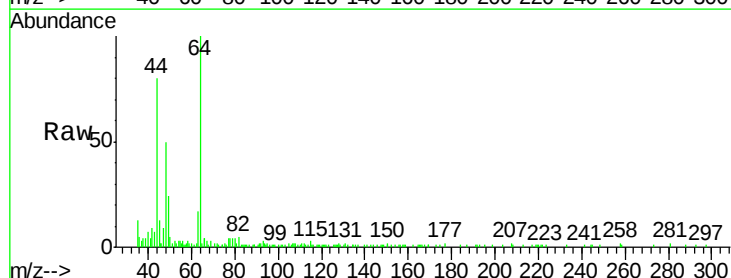
Acq: 17 Jan 2019 14:56

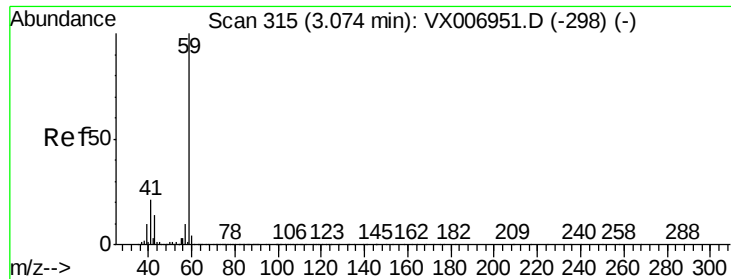
Tgt Ion: 64 Resp: 20197

Ion Ratio Lower Upper

64 100

66 6.8 26.4 39.6#



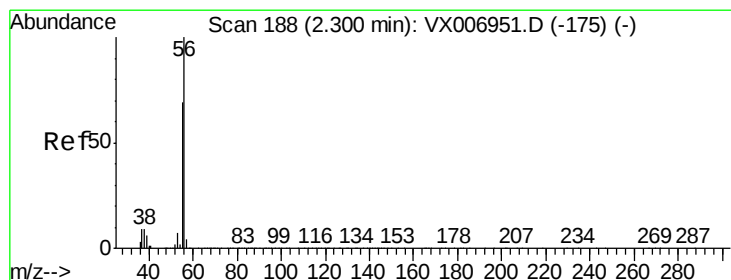
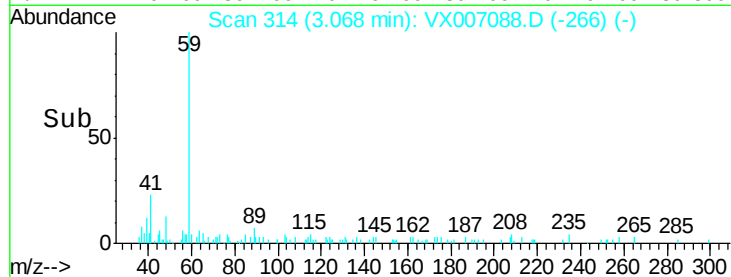
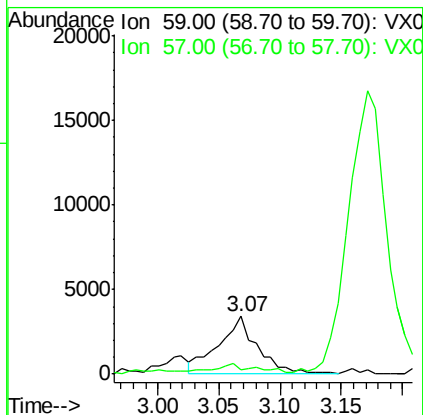
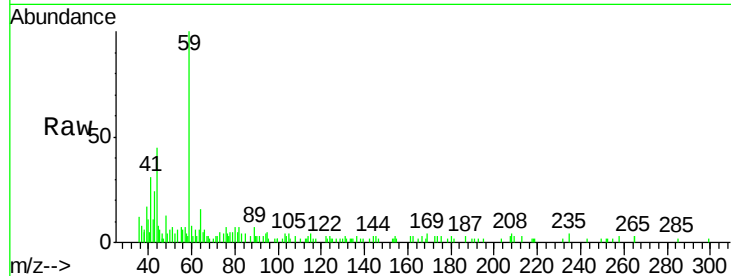


#11

Tert butyl alcohol
Concen: 5.083 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007088.D
Acq: 17 Jan 2019 14:56

Instrument :
MSVOA_X
ClientSampleId :
SS038MW050-190115

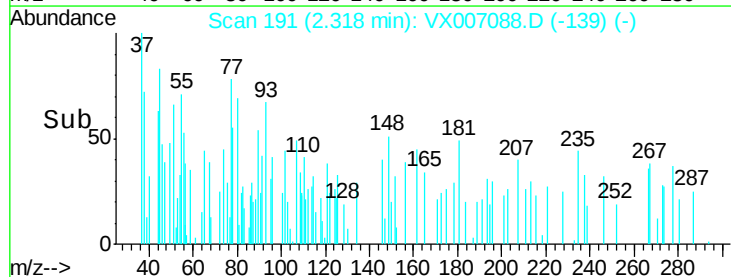
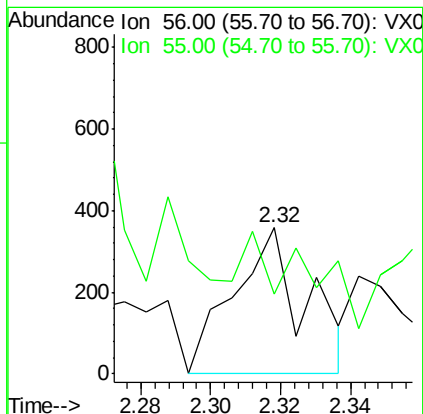
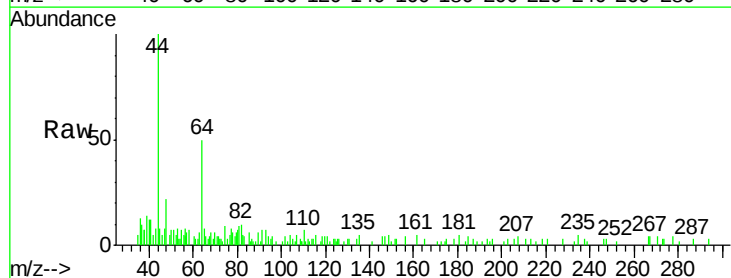
Tot Ion: 59 Resp: 7656
Ion Ratio Lower Upper
59 100
57 14.8 8.5 12.7#

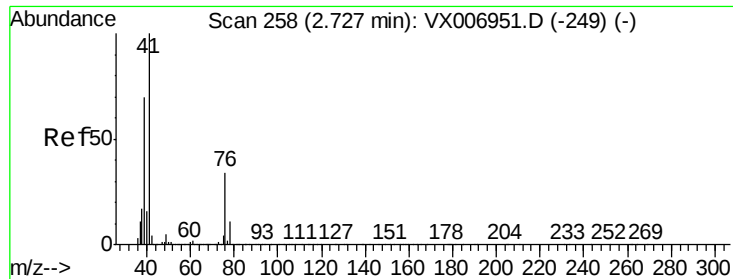


#13

Acrolein
Concen: 3.858 ug/l
RT: 2.32 min Scan# 191
Delta R.T. 0.02 min
Lab File: VX007088.D
Acq: 17 Jan 2019 14:56

Tgt Ion: 56 Resp: 509
Ion Ratio Lower Upper
56 100
55 0.0 58.2 87.4#

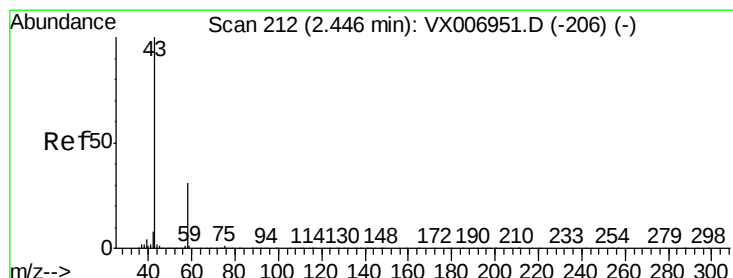
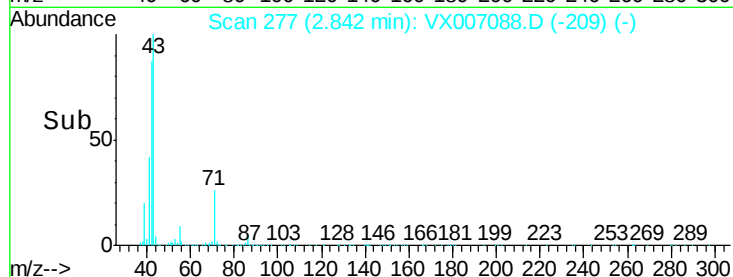
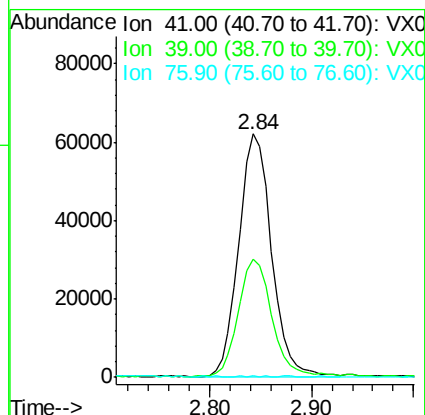
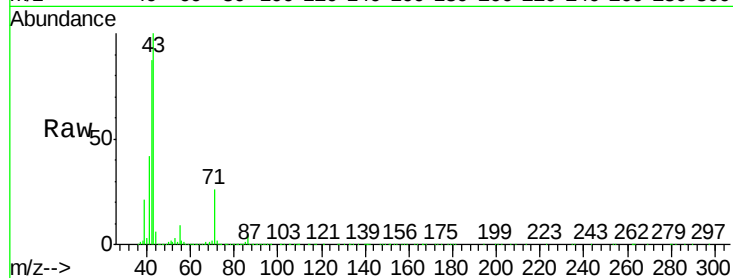




#14
Allvl chloride
Concen: 14.273 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.12 min
Lab File: VX007088.D
Acq: 17 Jan 2019 14:56

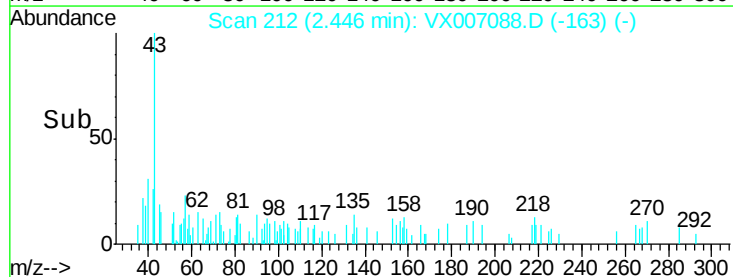
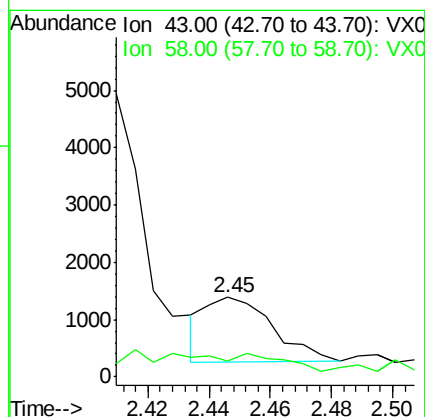
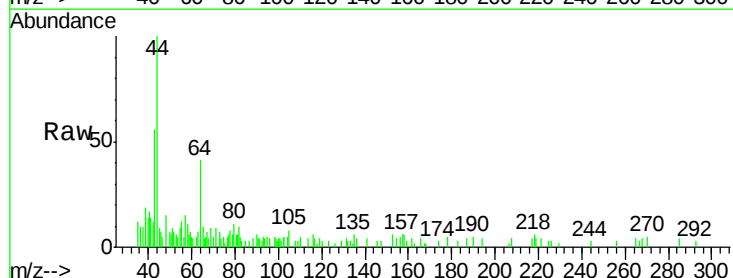
Instrument :
MSVOA_X
ClientSampleId :
SS038MW050-190115

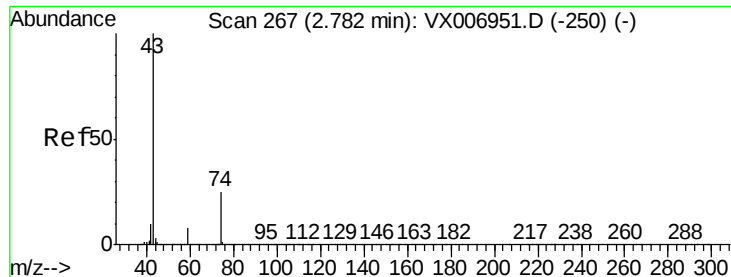
Tot Ion: 41 Resp: 137360
Ion Ratio Lower Upper
41 100
39 49.2 53.6 80.4#
76 0.1 27.4 41.2#



#16
Acetone
Concen: 0.538 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX007088.D
Acq: 17 Jan 2019 14:56

Tgt Ion: 43 Resp: 1698
Ion Ratio Lower Upper
43 100
58 9.8 25.0 37.6#





#18

Methyl Acetate

Concen: 35.998 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.06 min

Lab File: VX007088.D

Acq: 17 Jan 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

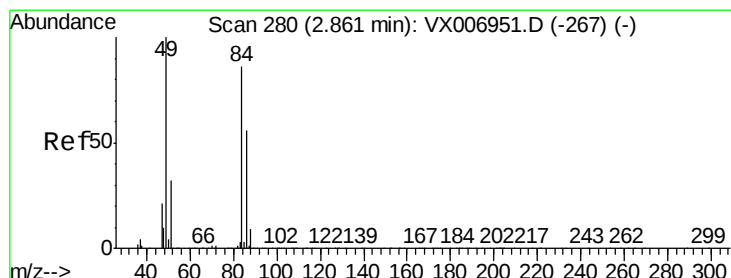
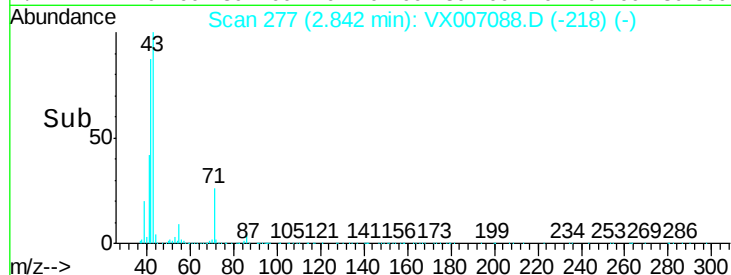
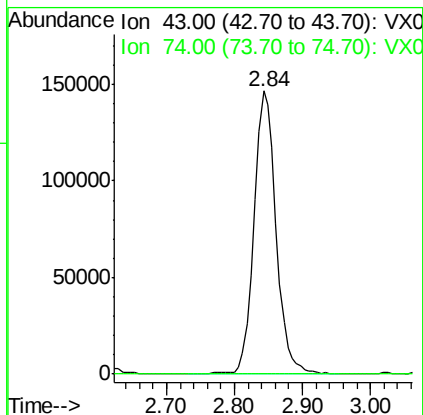
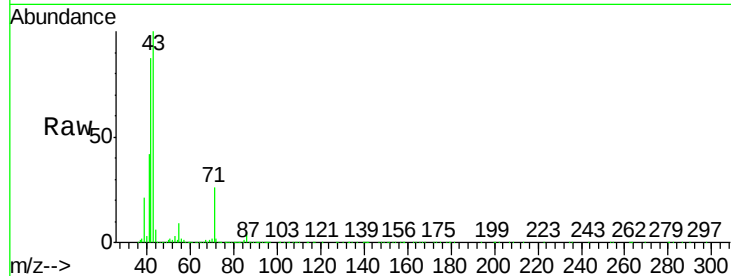
SS038MW050-190115

Tot Ion: 43 Resp: 329089

Ion Ratio Lower Upper

43 100

74 0.0 18.6 28.0#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.85 min Scan# 278

Delta R.T. -0.01 min

Lab File: VX007088.D

Acq: 17 Jan 2019 14:56

Tgt Ion: 84 Resp: 1313

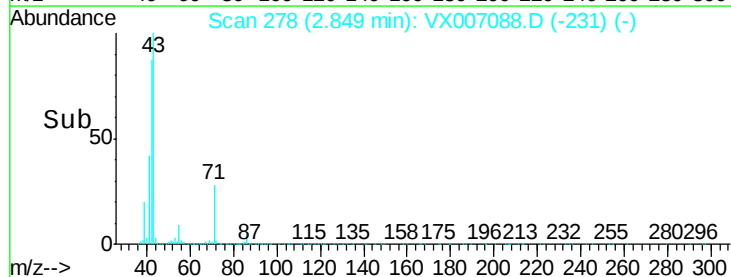
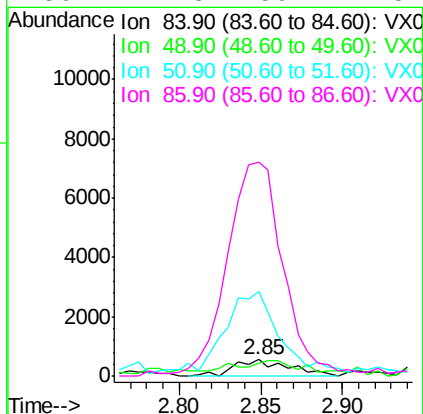
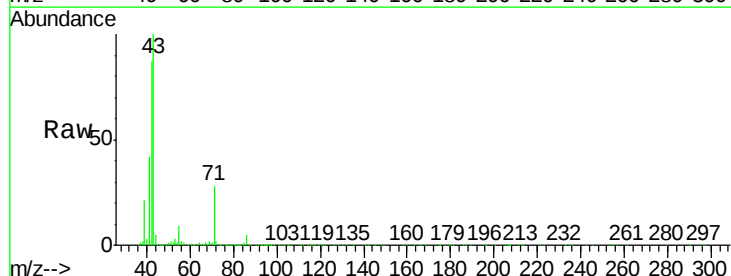
Ion Ratio Lower Upper

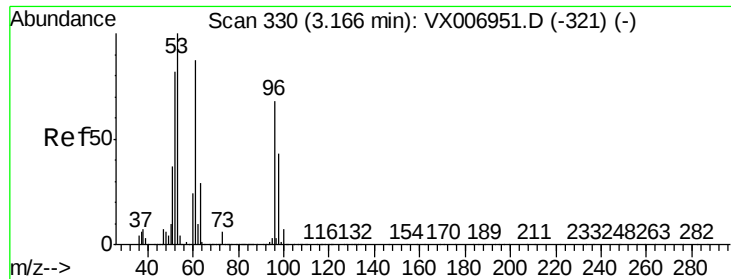
84 100

49 50.5 91.8 137.6#

51 472.6 28.5 42.7#

86 1277.5 50.2 75.2#





#21

trans-1,2-Dichloroethene

Concen: 0.226 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX007088.D

Acq: 17 Jan 2019 14:56

Instrument :

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ClientSampleId :

SS038MW050-190115

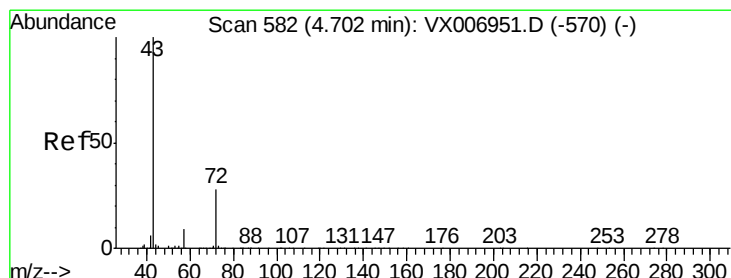
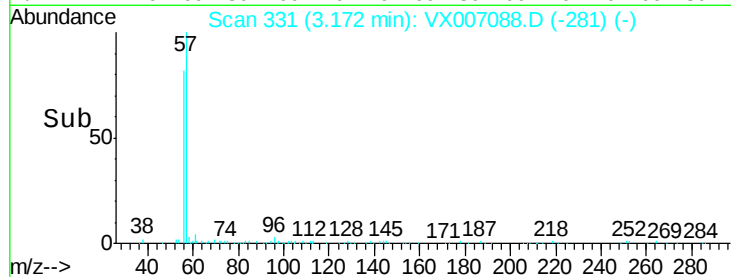
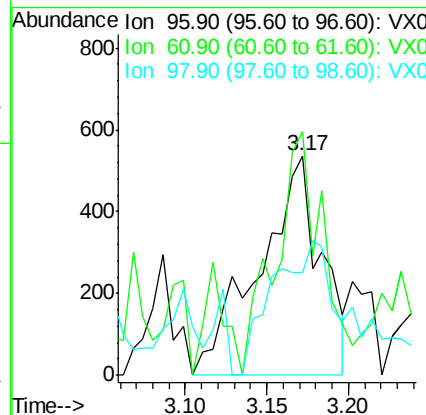
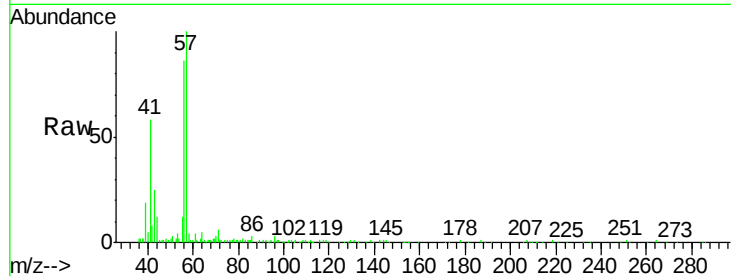
Tot Ion: 96 Resp: 1417

Ion Ratio Lower Upper

96 100

61 110.8 103.7 155.5

98 24.4 51.0 76.6#



#25

2-Butanone

Concen: 5.965 ug/l

RT: 4.56 min Scan# 558

Delta R.T. -0.15 min

Lab File: VX007088.D

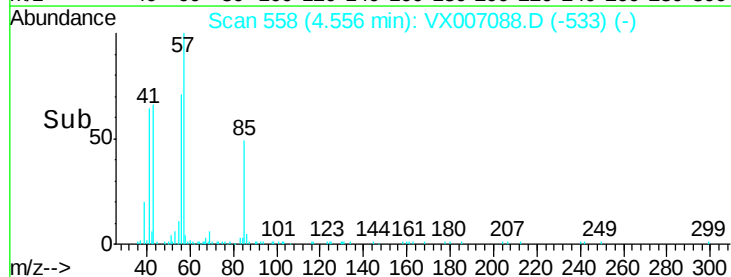
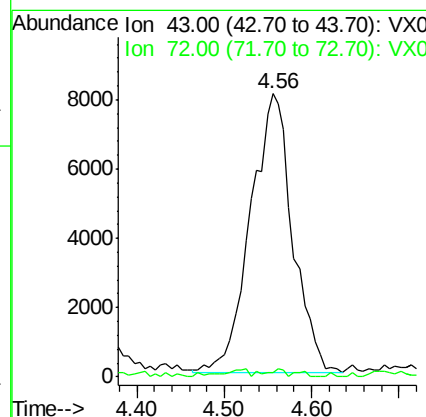
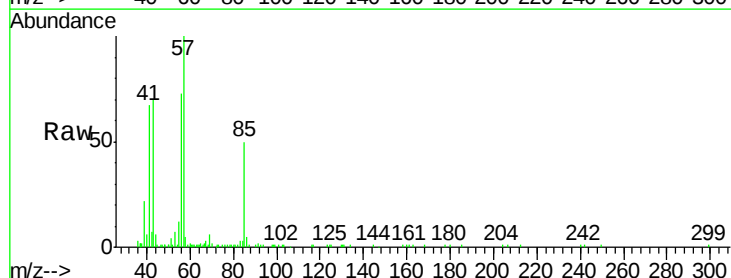
Acq: 17 Jan 2019 14:56

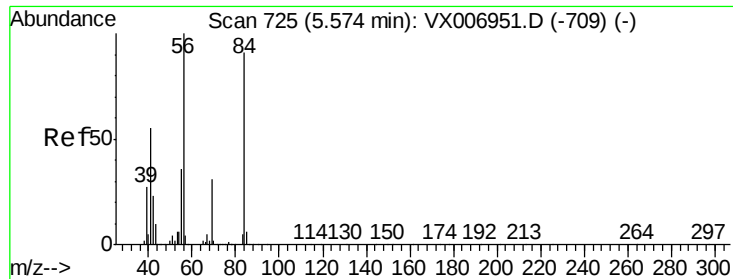
Tgt Ion: 43 Resp: 26943

Ion Ratio Lower Upper

43 100

72 1.5 22.4 33.6#

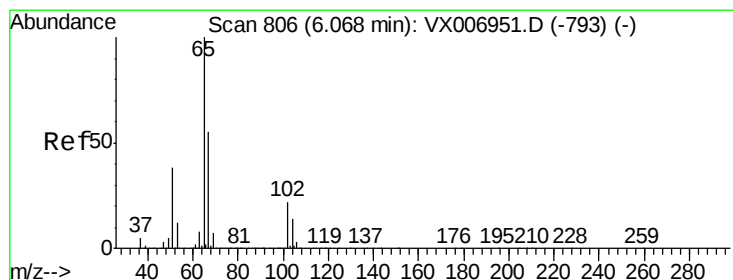
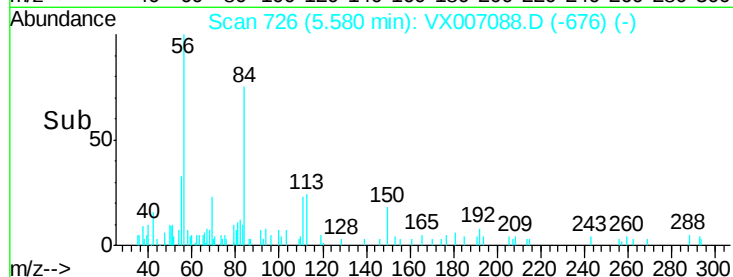
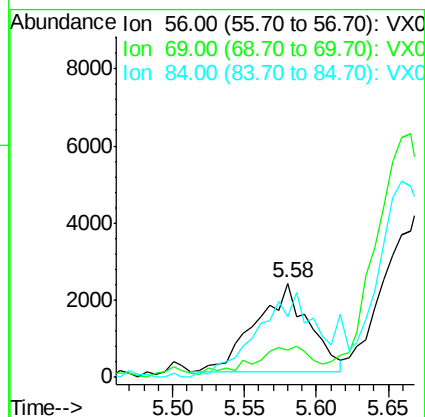
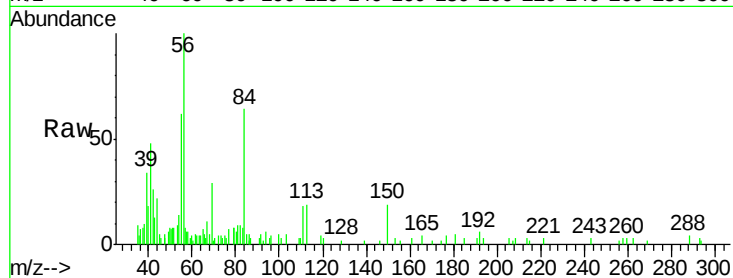




#31
Cyclohexane
Concen: 0.665 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007088.D
Acq: 17 Jan 2019 14:56

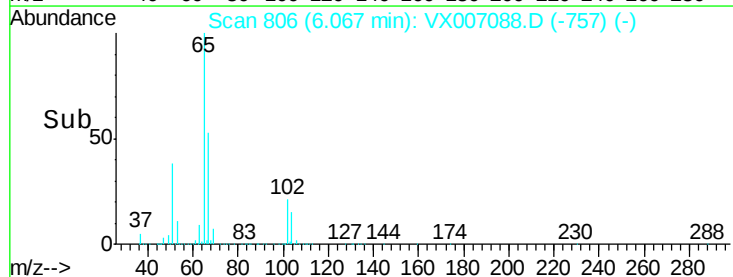
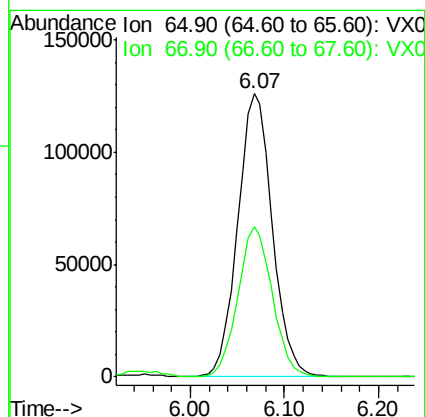
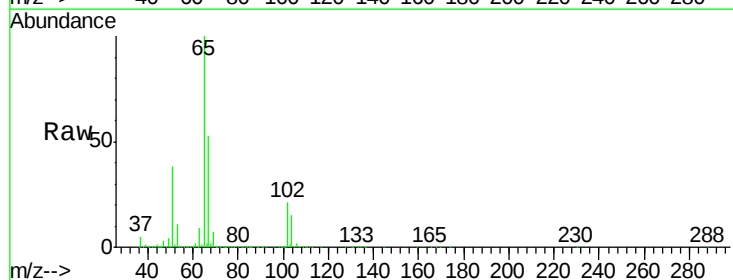
Instrument :
MSVOA_X
ClientSampleId :
SS038MW050-190115

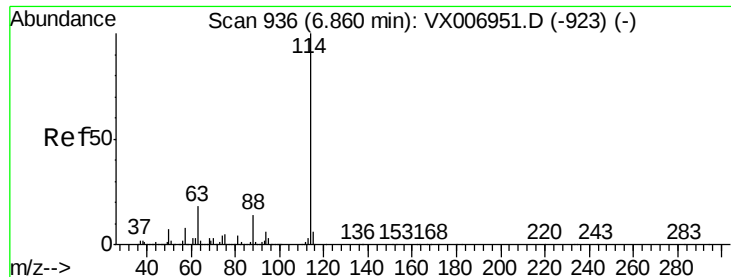
Tot Ion: 56 Resp: 5991
Ion Ratio Lower Upper
56 100
69 27.8 24.4 36.6
84 67.1 70.0 105.0#



#33
1,2-Dichloroethane-d4
Concen: 50.245 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX007088.D
Acq: 17 Jan 2019 14:56

Tgt Ion: 65 Resp: 320840
Ion Ratio Lower Upper
65 100
67 52.9 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: VX007088.D

Acq: 17 Jan 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

SS038MW050-190115

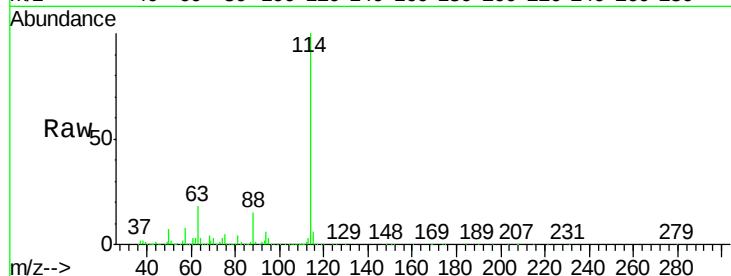
Tot Ion:114 Resp: 939911

Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.8

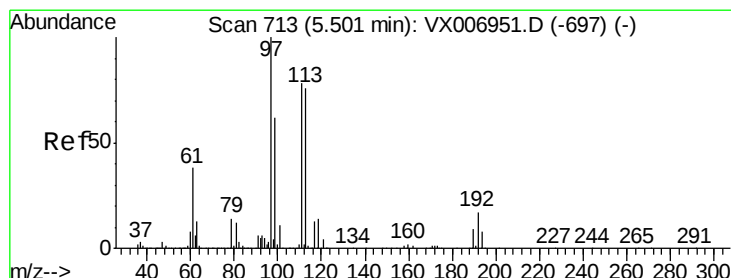
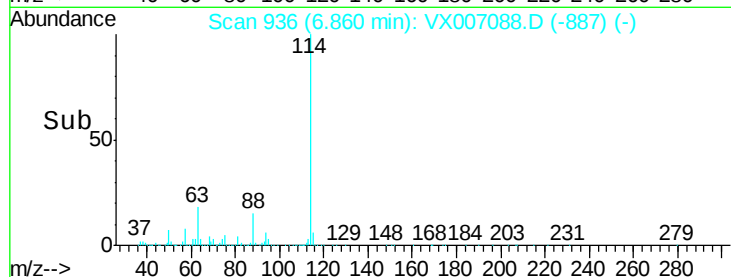
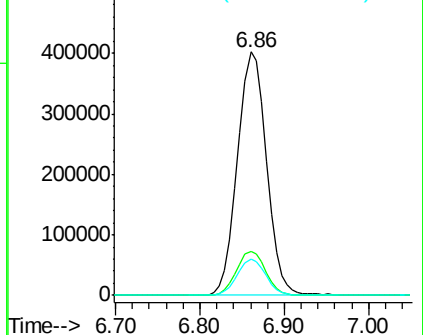
88 14.7 0.0 28.8



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: 46.924 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007088.D

Acq: 17 Jan 2019 14:56

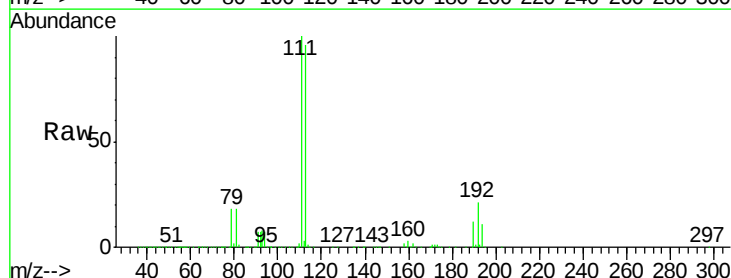
Tgt Ion:113 Resp: 282439

Ion Ratio Lower Upper

113 100

111 103.9 81.6 122.4

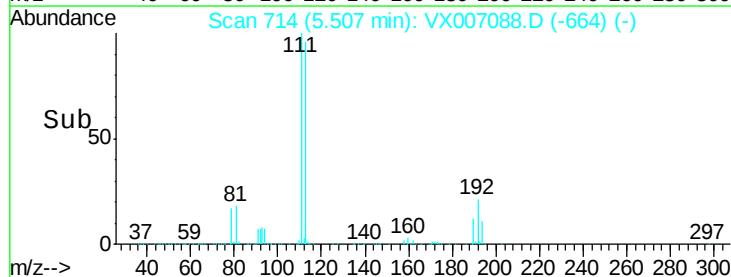
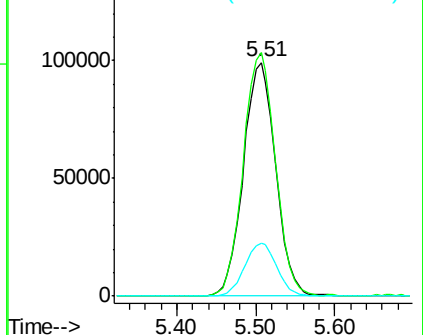
192 22.6 16.7 25.1

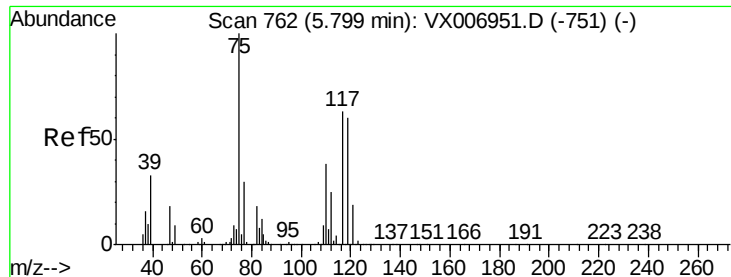


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

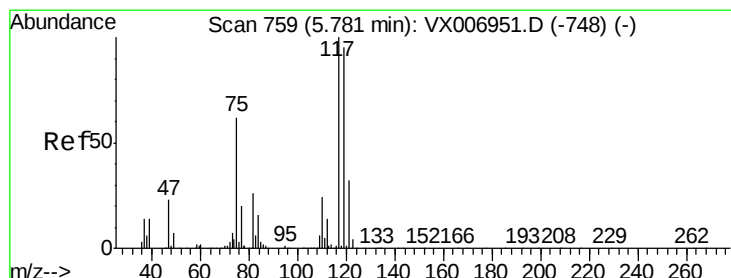
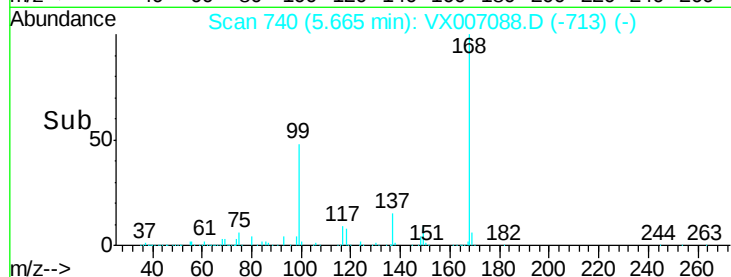
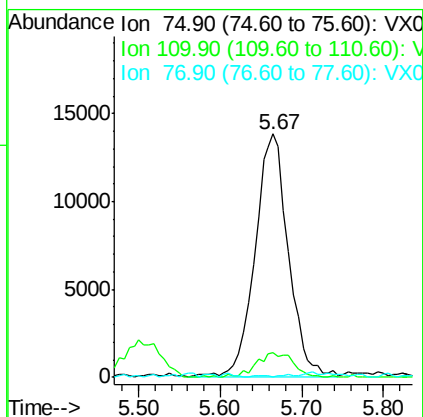
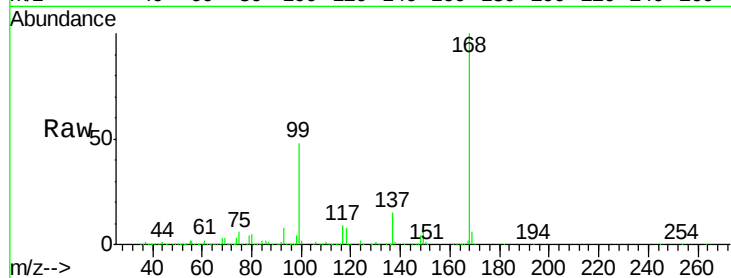




#36
 1,1-Dichloropropene
 Concen: 4.767 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX007088.D
 Acq: 17 Jan 2019 14:56

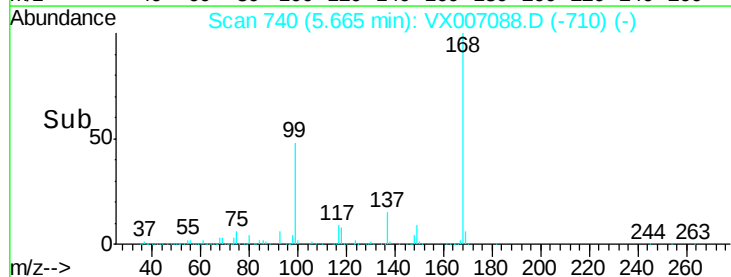
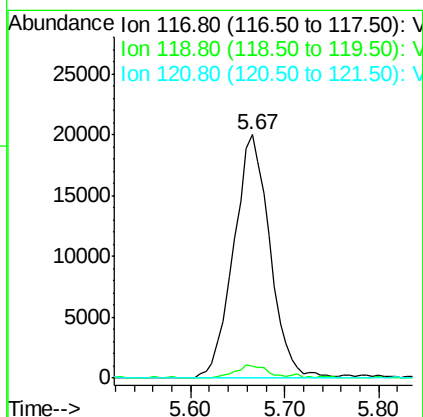
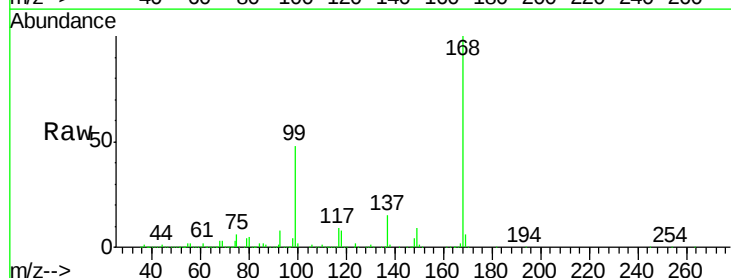
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038MW050-190115

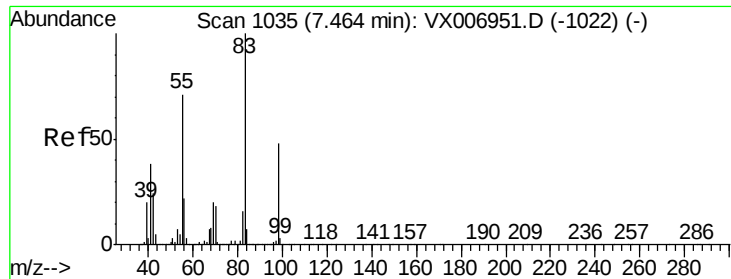
Tot Ion	Ratio	Lower	Upper
75	100		
110	11.3	20.2	60.5#
77	0.4	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.543 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX007088.D
 Acq: 17 Jan 2019 14:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.0	79.4	119.2#
121	0.0	24.0	36.0#

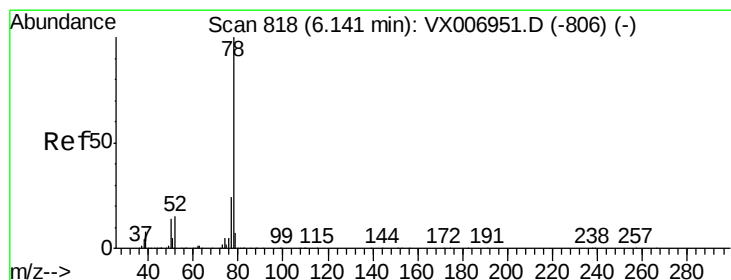
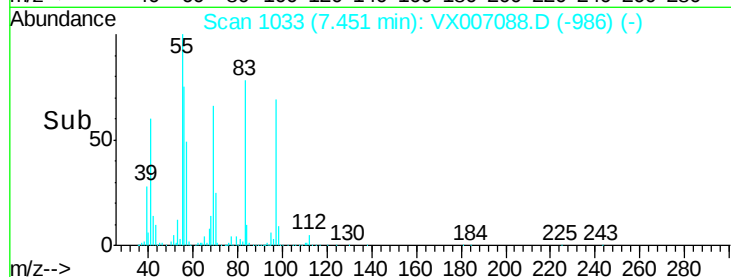
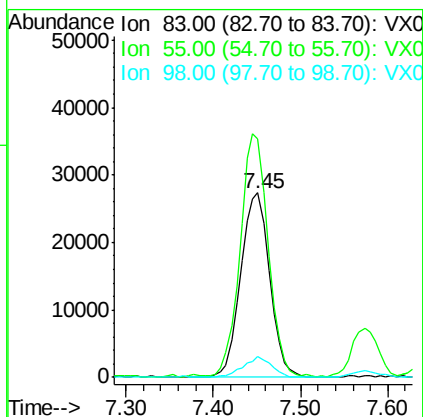
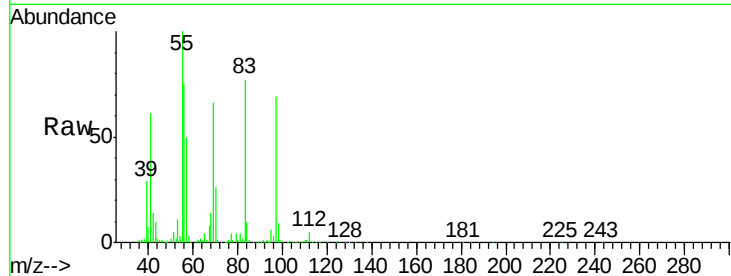




#39
Methvlcvclohexane
Concen: 6.048 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX007088.D
Acq: 17 Jan 2019 14:56

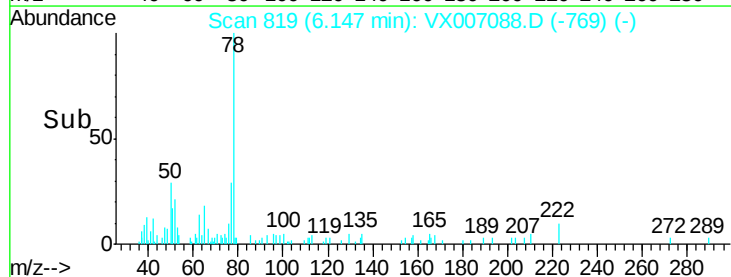
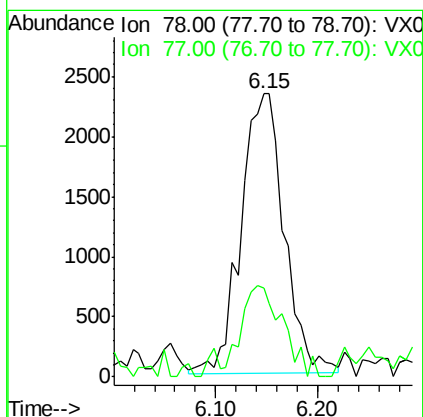
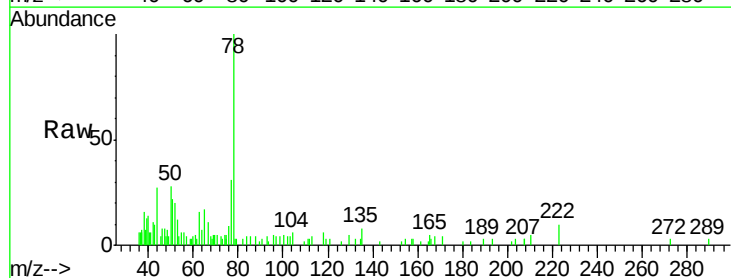
Instrument :
MSVOA_X
ClientSampleId :
SS038MW050-190115

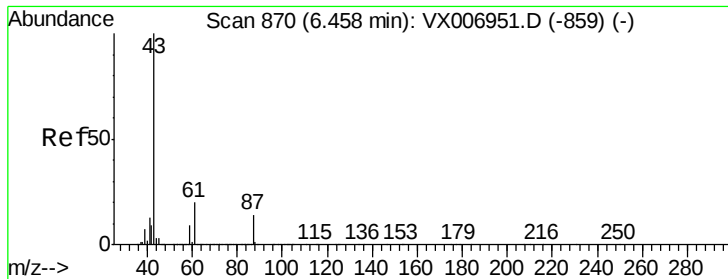
Tot Ion: 83 Resp: 63010
Ion Ratio Lower Upper
83 100
55 128.5 54.9 82.3#
98 11.5 37.9 56.9#



#40
Benzene
Concen: 0.274 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007088.D
Acq: 17 Jan 2019 14:56

Tgt Ion: 78 Resp: 6826
Ion Ratio Lower Upper
78 100
77 27.3 19.2 28.8



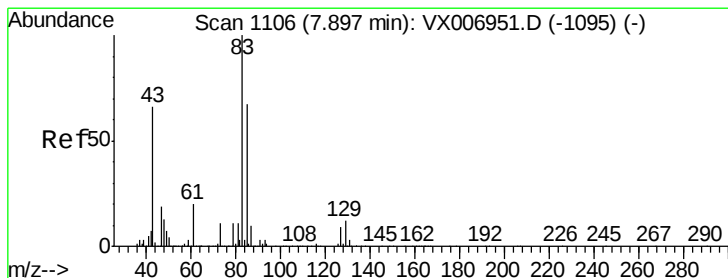
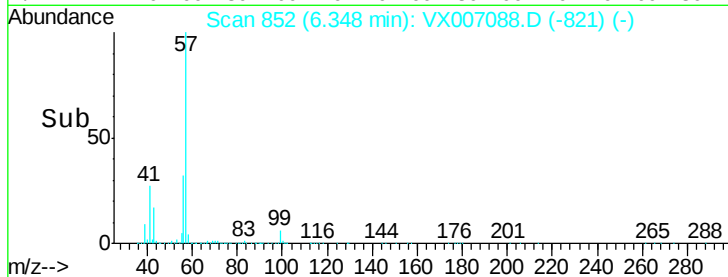
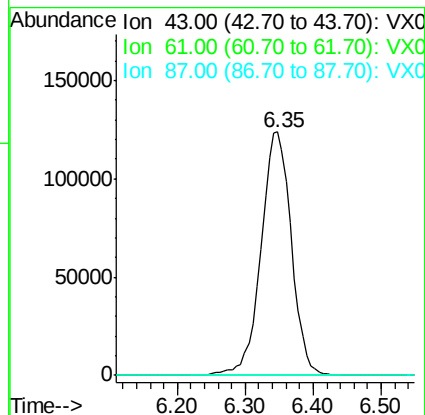
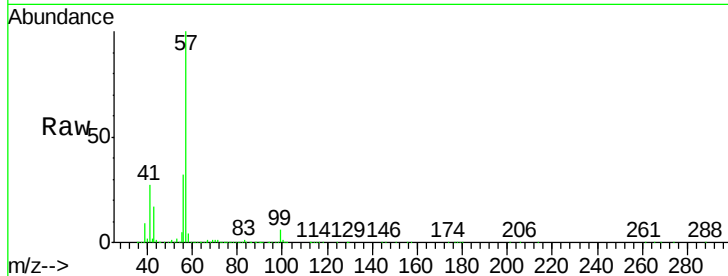


#43

Isopropyl Acetate
 Concen: 27.654 ug/l
 RT: 6.35 min Scan# 852
 Delta R.T. -0.11 min
 Lab File: VX007088.D
 Acq: 17 Jan 2019 14:56

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038MW050-190115

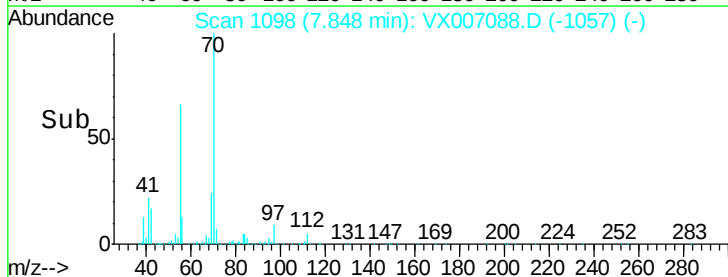
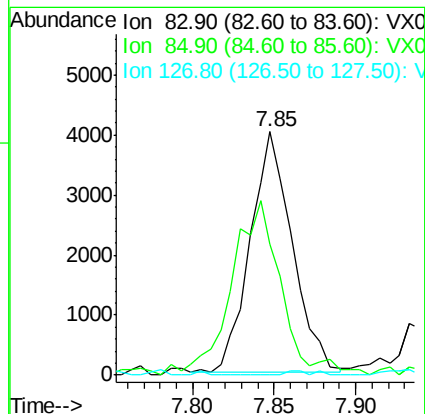
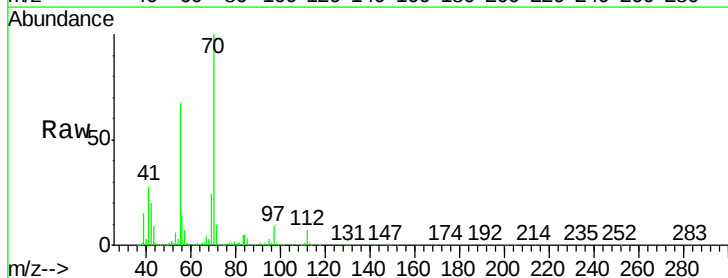
Tot Ion	Ratio	Lower	Upper
43	100		
61	0.2	16.8	25.2#
87	0.0	12.4	18.6#

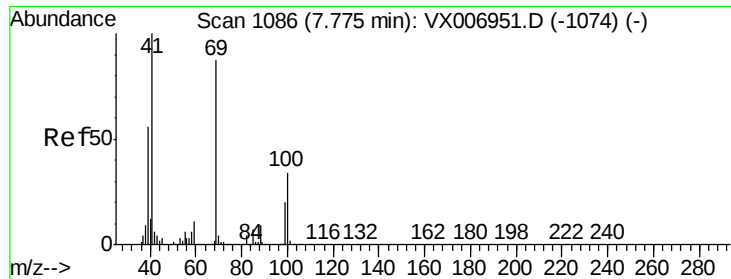


#47

Bromodichloromethane
 Concen: 0.954 ug/l
 RT: 7.85 min Scan# 1098
 Delta R.T. -0.05 min
 Lab File: VX007088.D
 Acq: 17 Jan 2019 14:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	52.4	53.2	79.8#
127	0.0	7.8	11.6#

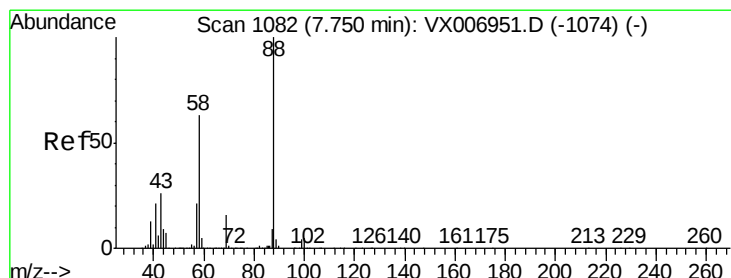
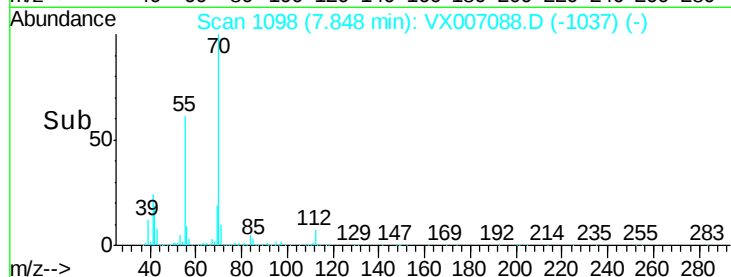
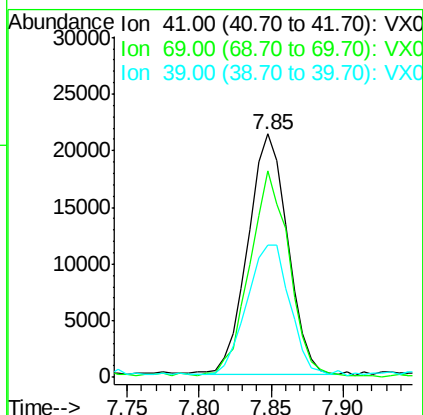
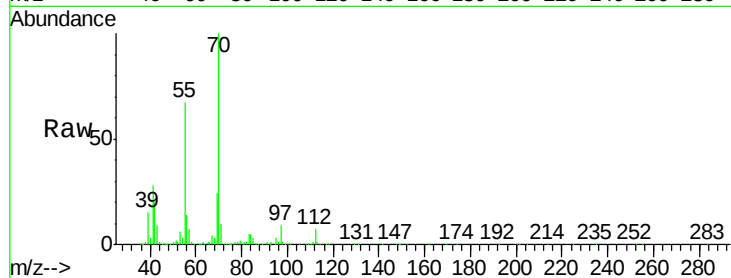




#48
Methvl methacrylate
Concen: 5.727 ug/l
RT: 7.85 min Scan# 1098
Delta R.T. 0.07 min
Lab File: VX007088.D
Acq: 17 Jan 2019 14:56

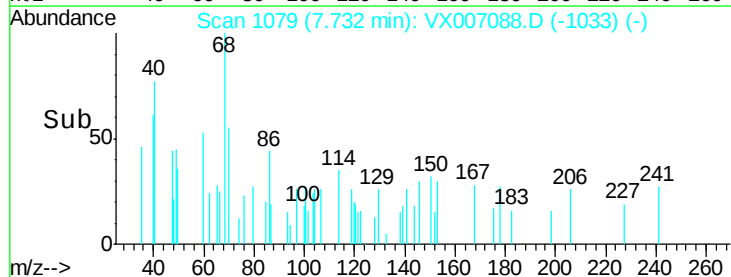
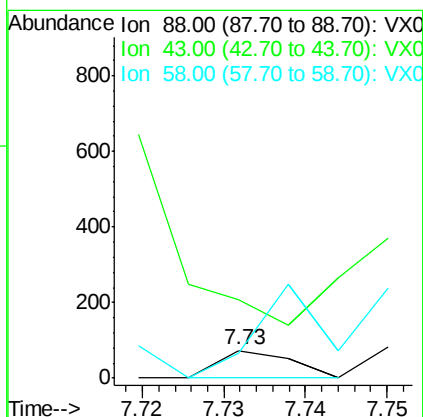
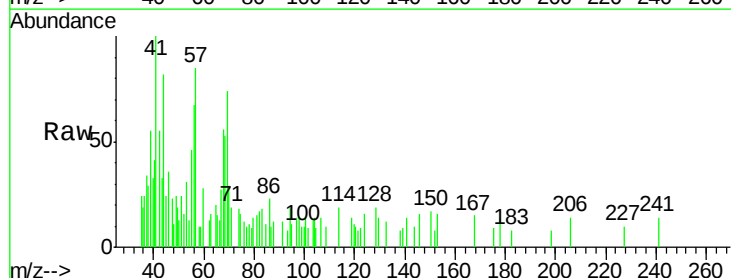
Instrument :
MSVOA_X
ClientSampleId :
SS038MW050-190115

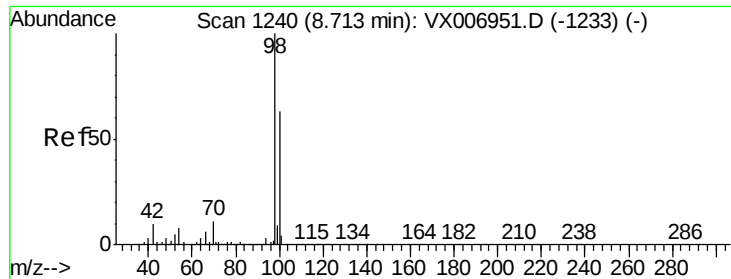
Tot Ion: 41 Resp: 40644
Ion Ratio Lower Upper
41 100
69 85.0 72.4 108.6
39 58.5 45.8 68.8



#49
1,4-Dioxane
Concen: Below Cal
RT: 7.73 min Scan# 1079
Delta R.T. -0.02 min
Lab File: VX007088.D
Acq: 17 Jan 2019 14:56

Tgt Ion: 88 Resp: 46
Ion Ratio Lower Upper
88 100
43 0.0 22.2 33.4#
58 0.0 51.0 76.4#





#50

Toluene-d8

Concen: 51.258 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007088.D

Acq: 17 Jan 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

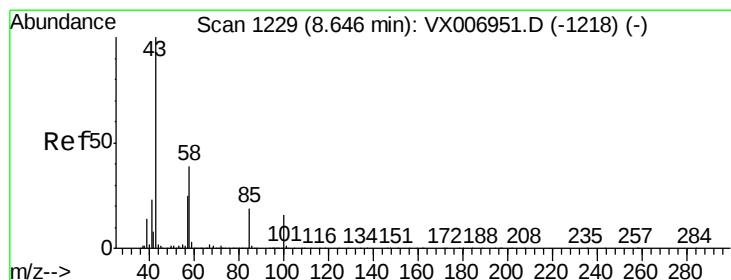
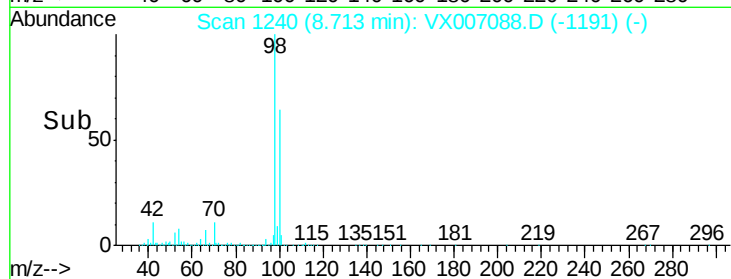
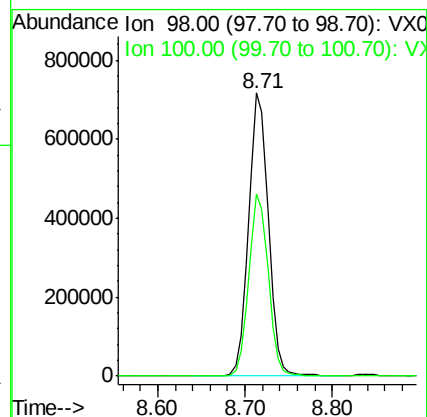
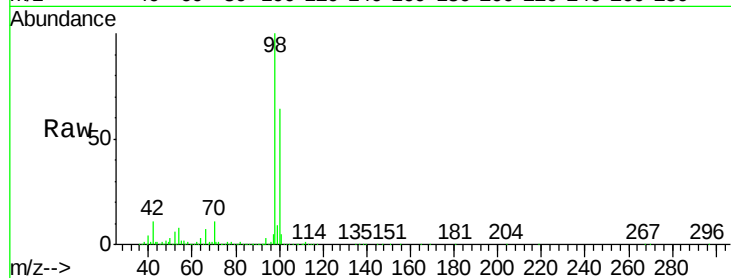
SS038MW050-190115

Tot Ion: 98 Resp: 1129315

Ion Ratio Lower Upper

98 100

100 63.6 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 0.238 ug/l

RT: 8.40 min Scan# 1188

Delta R.T. -0.25 min

Lab File: VX007088.D

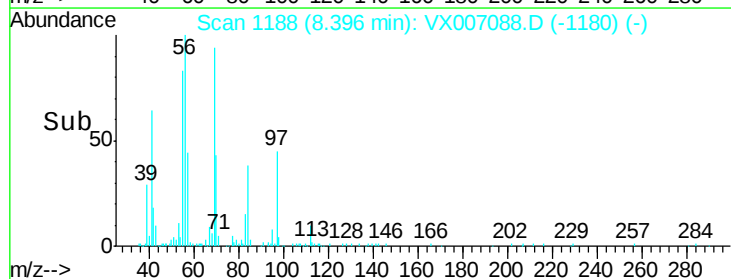
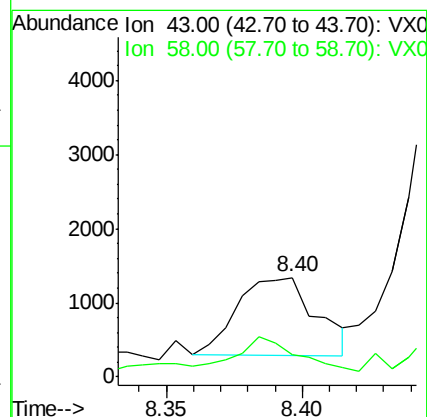
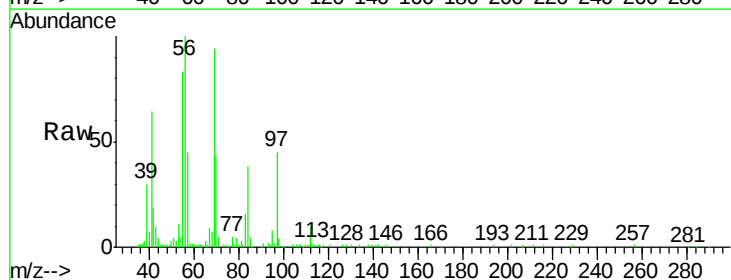
Acq: 17 Jan 2019 14:56

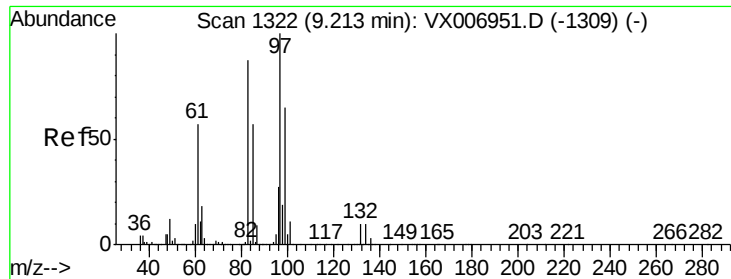
Tgt Ion: 43 Resp: 2117

Ion Ratio Lower Upper

43 100

58 32.1 31.8 47.6

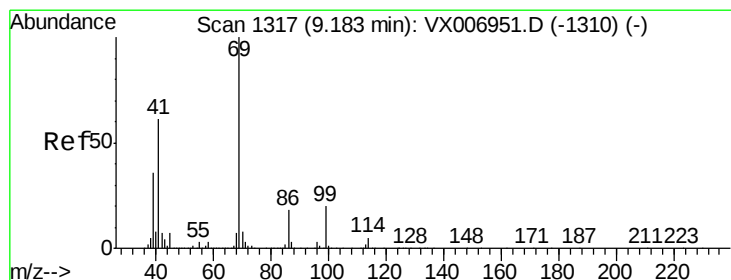
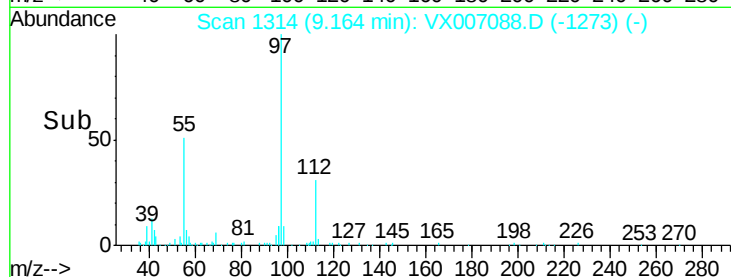
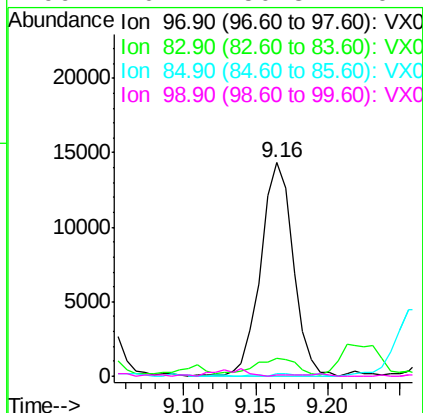
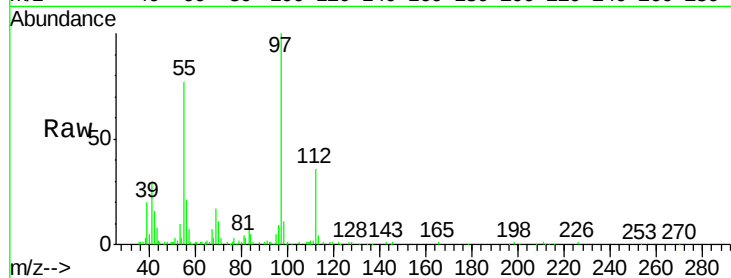




#55
 1,1,2-Trichloroethane
 Concen: 3.506 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX007088.D
 Acq: 17 Jan 2019 14:56

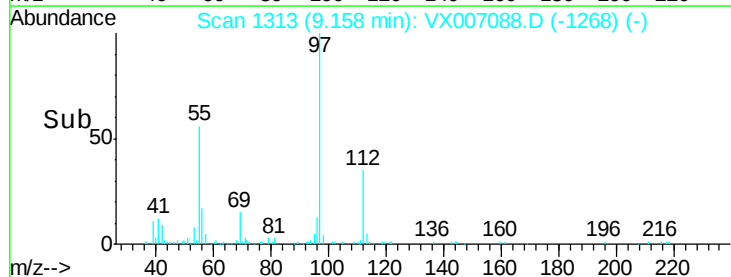
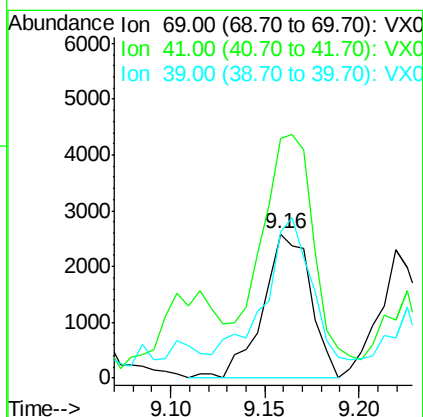
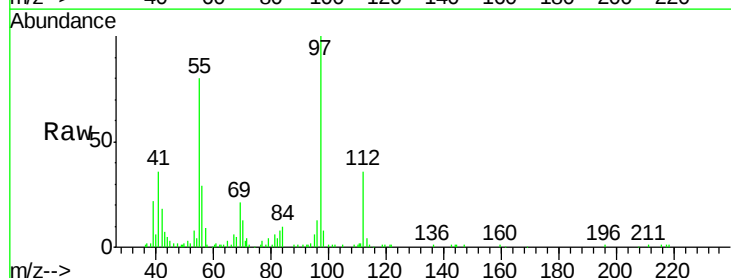
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038MW050-190115

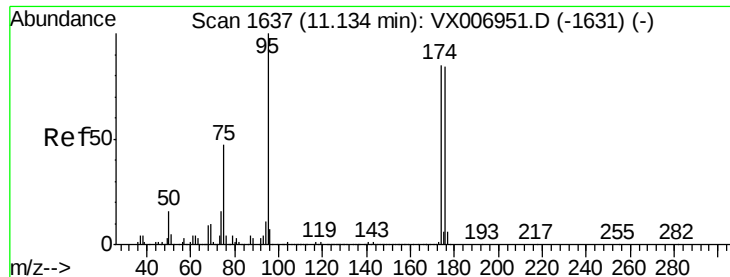
Tot Ion	97	Resp	22487
Ion Ratio	Lower	Upper	
97	100		
83	4.8	66.6	99.8#
85	1.0	42.7	64.1#
99	0.4	50.8	76.2#



#56
 Ethyl methacrylate
 Concen: 0.485 ug/l
 RT: 9.16 min Scan# 1313
 Delta R.T. -0.02 min
 Lab File: VX007088.D
 Acq: 17 Jan 2019 14:56

Tgt Ion	69	Resp	4539
Ion Ratio	Lower	Upper	
69	100		
41	167.3	48.7	73.1#
39	98.7	27.0	40.6#





#62

4-Bromofluorobenzene

Concen: 52.503 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007088.D

Acq: 17 Jan 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

SS038MW050-190115

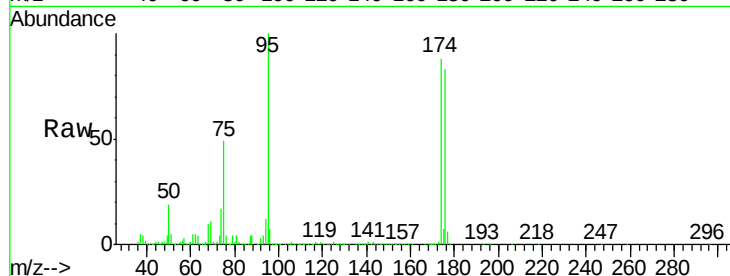
Tot Ion: 95 Resp: 403265

Ion Ratio Lower Upper

95 100

174 93.9 0.0 182.2

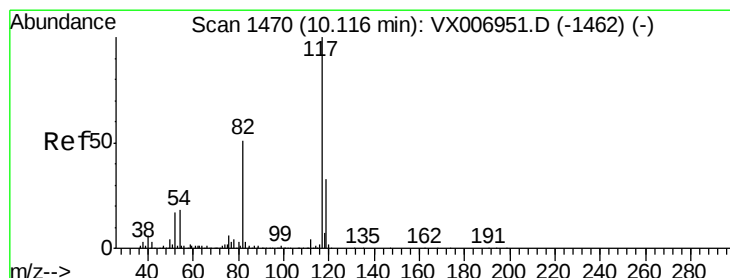
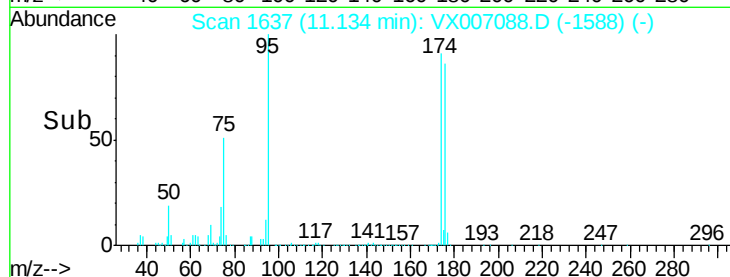
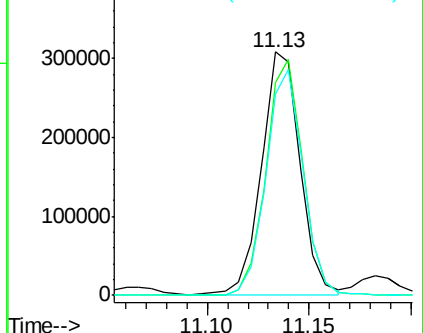
176 89.9 0.0 178.8



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX007088.D

Acq: 17 Jan 2019 14:56

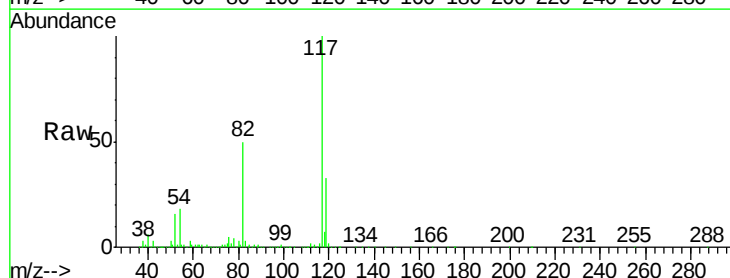
Tgt Ion: 117 Resp: 869125

Ion Ratio Lower Upper

117 100

82 50.1 41.0 61.6

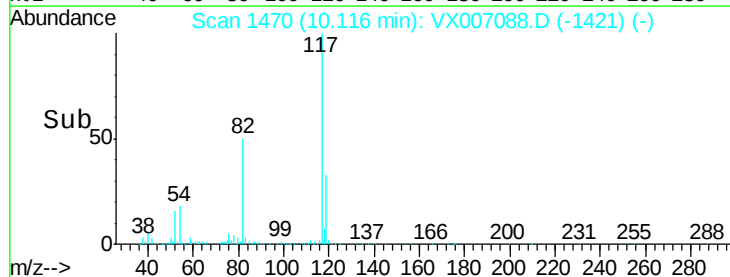
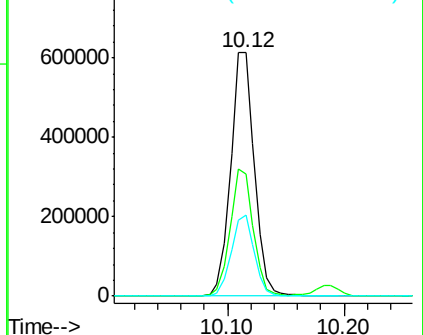
119 33.2 25.4 38.0

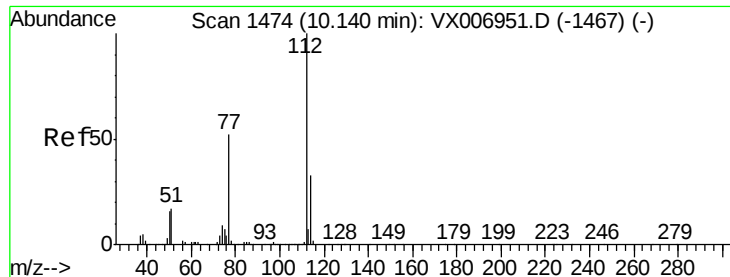


Abundance Ion 116.90 (116.60 to 117.60): VX006951.D (-1462) (-)

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

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





#65

Chlorobenzene

Concen: 18.552 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007088.D

Acq: 17 Jan 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

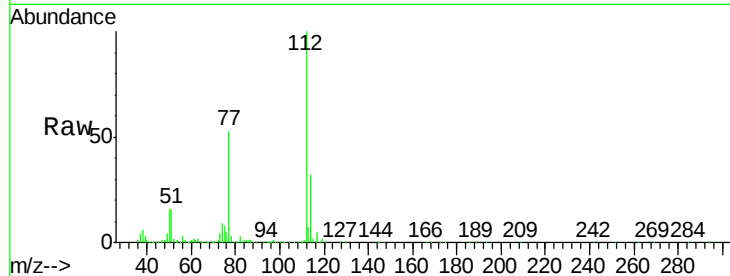
SS038MW050-190115

Tot Ion:112 Resp: 351678

Ion Ratio Lower Upper

112 100

114 32.4 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

250000

200000

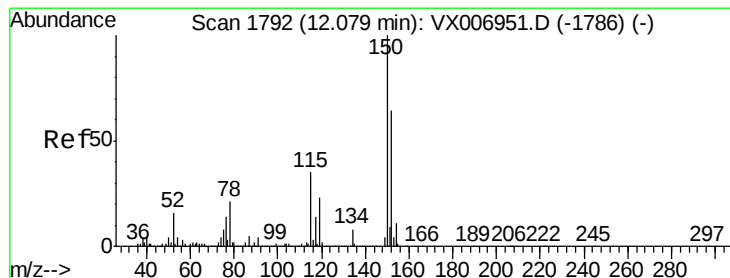
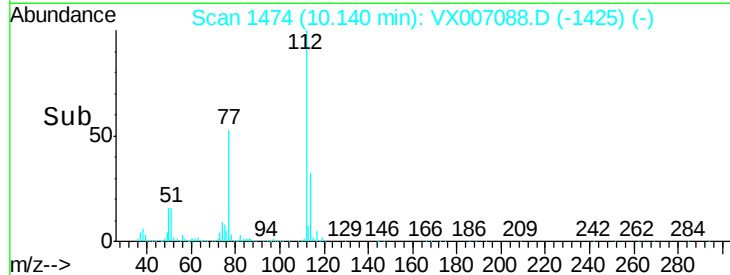
150000

100000

50000

0

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007088.D

Acq: 17 Jan 2019 14:56

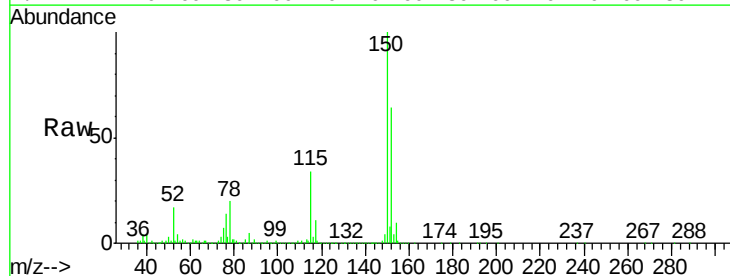
Tgt Ion:152 Resp: 441280

Ion Ratio Lower Upper

152 100

115 53.1 39.1 117.2

150 156.2 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

12.08

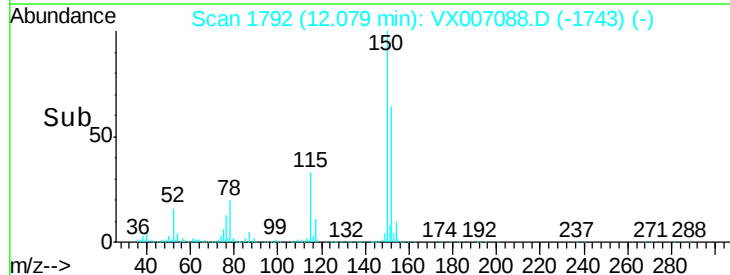
600000

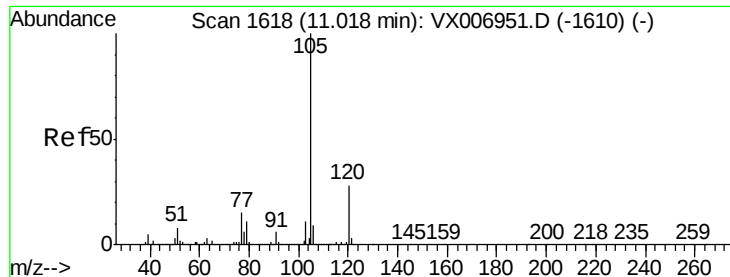
400000

200000

0

Time-->





#73

Isopropylbenzene

Concen: 3.941 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007088.D

Acq: 17 Jan 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

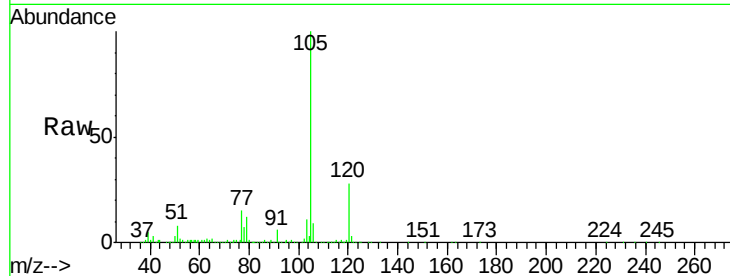
SS038MW050-190115

Tot Ion:105 Resp: 122633

Ion Ratio Lower Upper

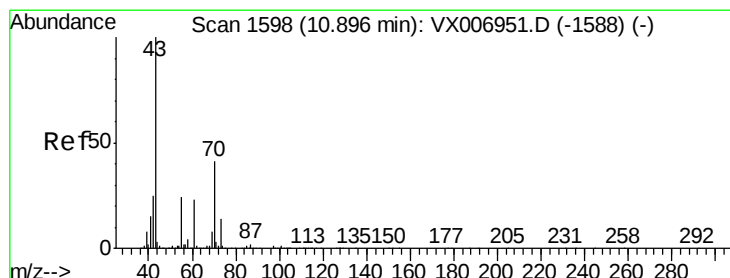
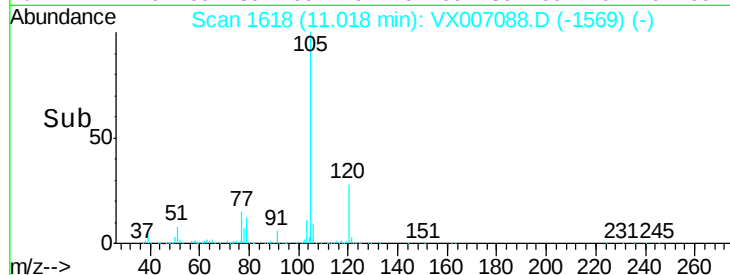
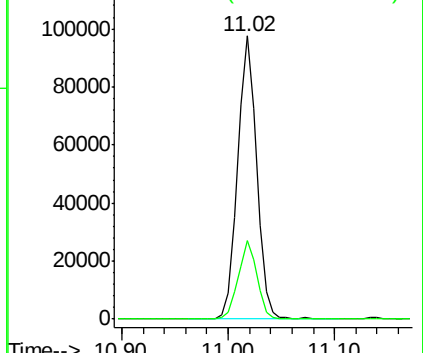
105 100

120 27.2 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-ethyl acetate

Concen: 0.213 ug/l

RT: 10.93 min Scan# 1603

Delta R.T. 0.03 min

Lab File: VX007088.D

Acq: 17 Jan 2019 14:56

Tgt Ion: 43 Resp: 2672

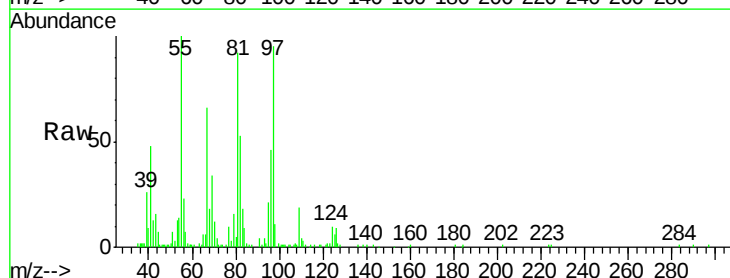
Ion Ratio Lower Upper

43 100

70 115.0 35.8 53.8#

55 691.0 19.4 29.0#

61 0.0 20.1 30.1#

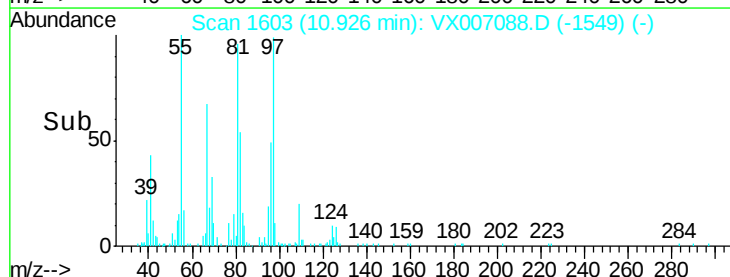
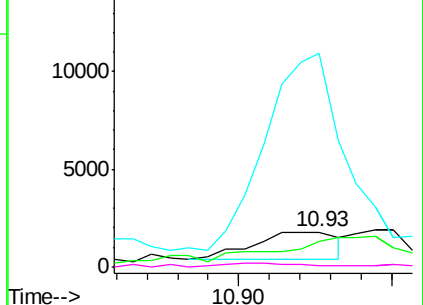


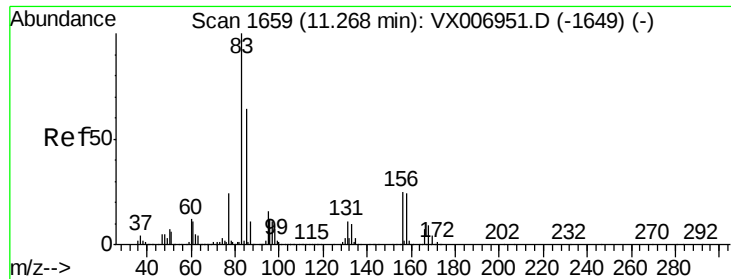
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 0.945 ug/l

RT: 11.28 min Scan# 1661

Delta R.T. 0.01 min

Lab File: VX007088.D

Acq: 17 Jan 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

SS038MW050-190115

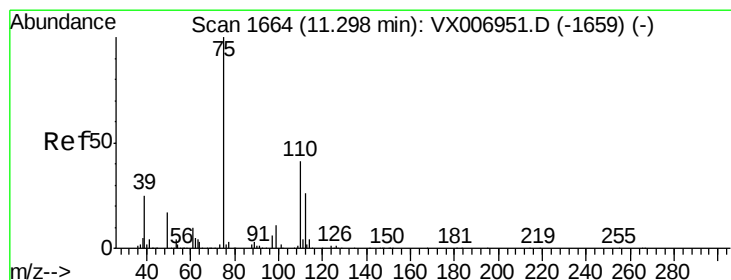
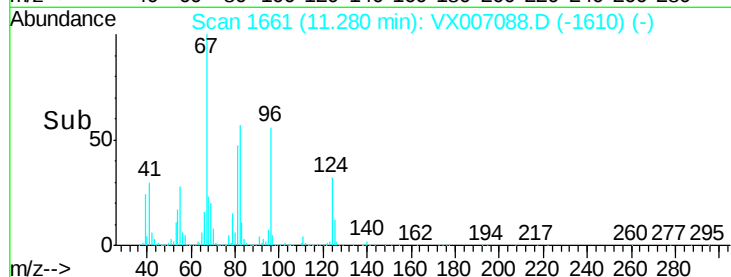
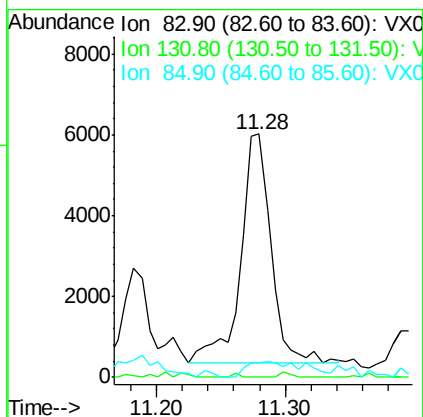
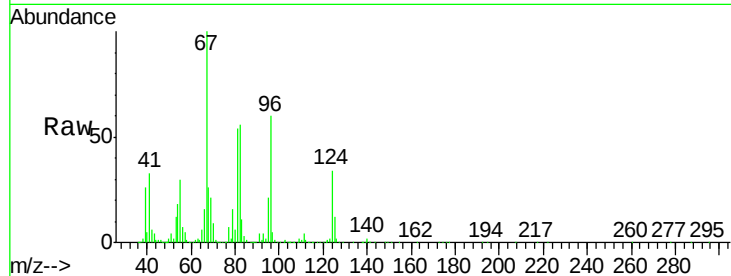
Tot Ion: 83 Resp: 9336

Ion Ratio Lower Upper

83 100

131 0.9 5.7 17.1#

85 13.0 32.2 96.6#



#76

1,2,3-Trichloropropane

Concen: 21.668 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007088.D

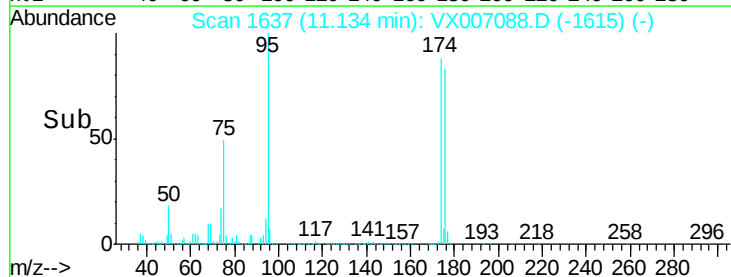
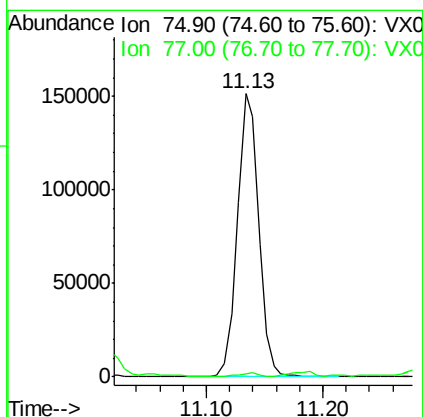
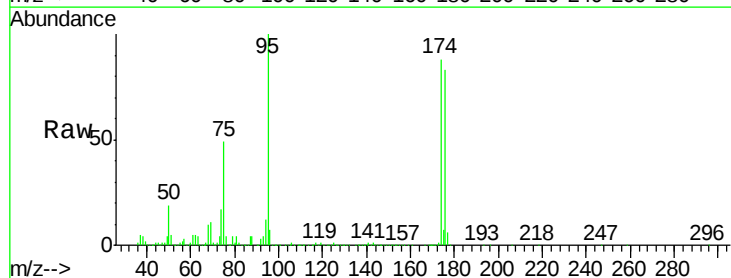
Acq: 17 Jan 2019 14:56

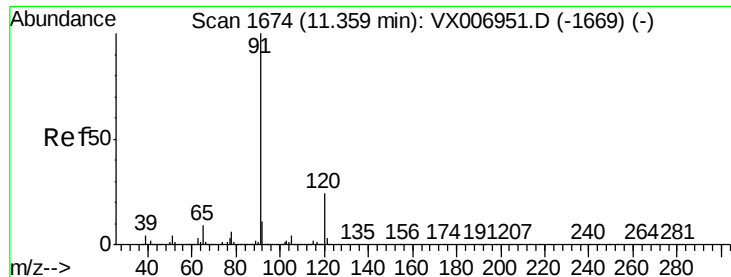
Tgt Ion: 75 Resp: 193766

Ion Ratio Lower Upper

75 100

77 0.9 18.5 55.5#





#78

n-propylbenzene

Concen: 0.275 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007088.D

Acq: 17 Jan 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

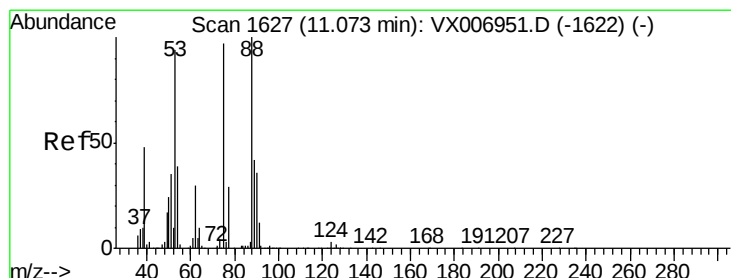
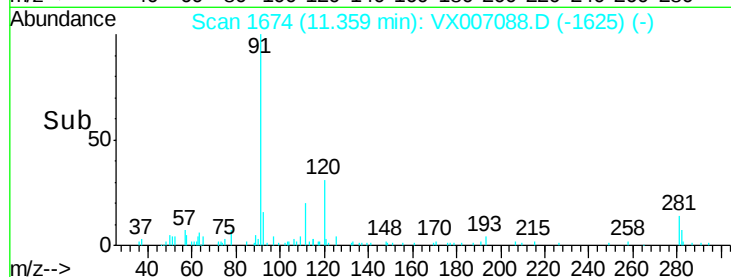
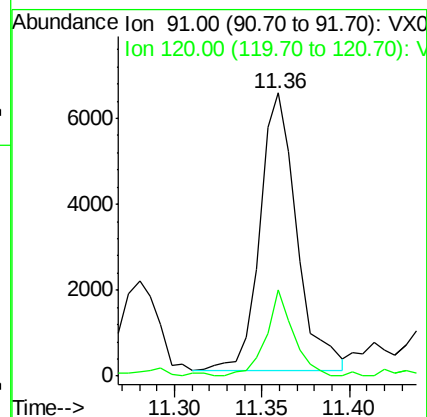
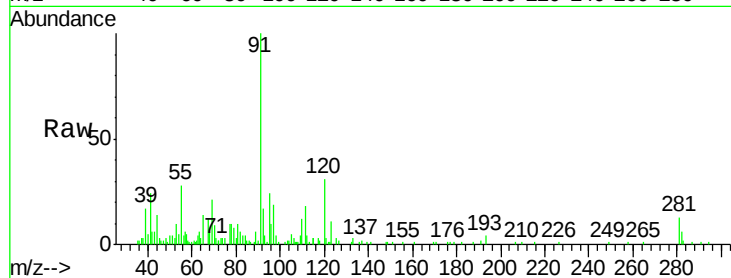
SS038MW050-190115

Tot Ion: 91 Resp: 9395

Ion Ratio Lower Upper

91 100

120 23.3 12.7 38.0



#81

trans-1,4-Dichloro-2-butene

Concen: 64.228 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007088.D

Acq: 17 Jan 2019 14:56

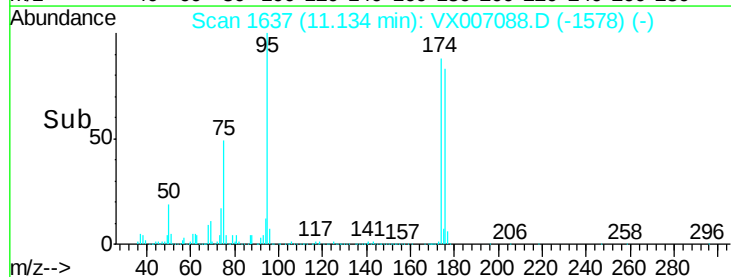
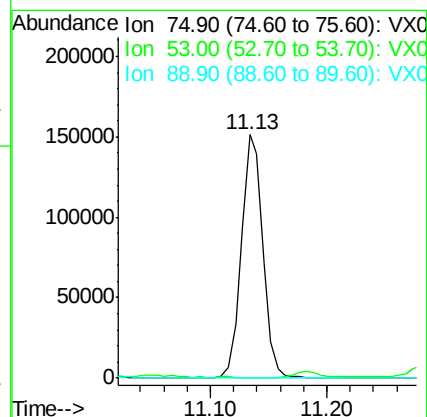
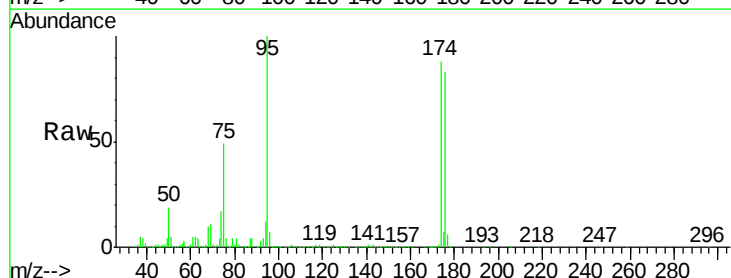
Tgt Ion: 75 Resp: 193766

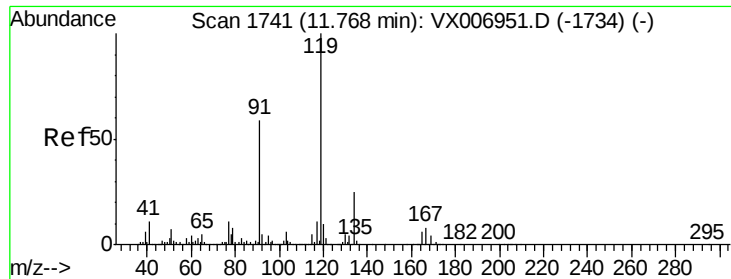
Ion Ratio Lower Upper

75 100

53 0.3 79.7 119.5#

89 0.1 38.0 57.0#





#83

tert-Butylbenzene

Concen: 5.666 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007088.D

Acq: 17 Jan 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

SS038MW050-190115

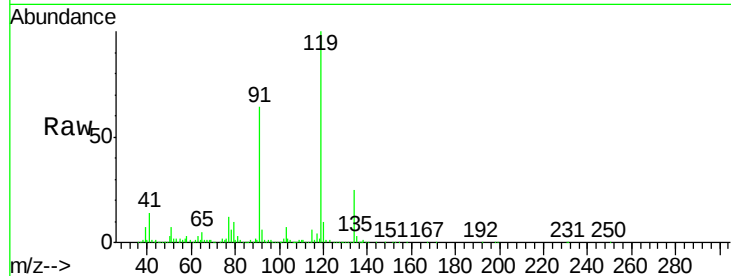
Tot Ion:119 Resp: 146987

Ion Ratio Lower Upper

119 100

91 63.7 27.7 83.1

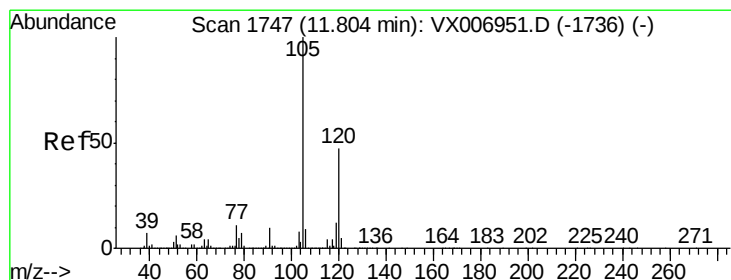
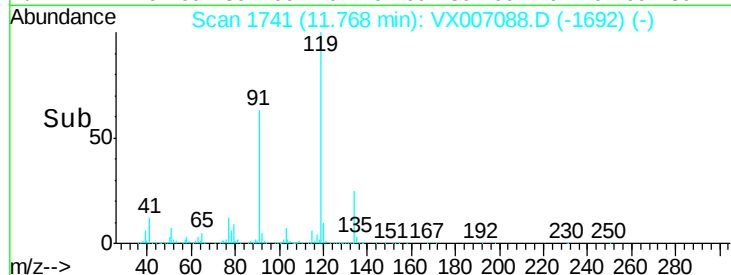
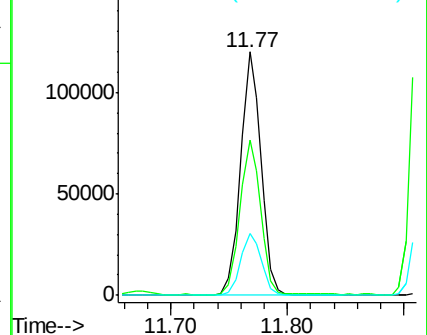
134 25.8 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 12.561 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.14 min

Lab File: VX007088.D

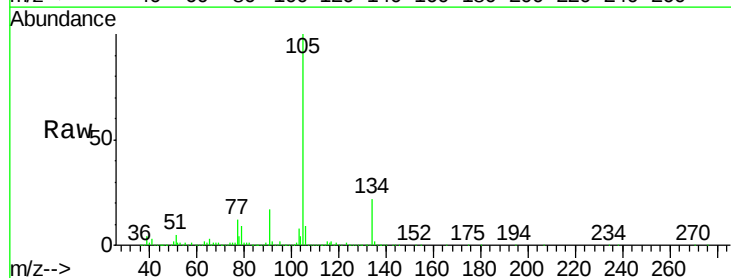
Acq: 17 Jan 2019 14:56

Tgt Ion:105 Resp: 328422

Ion Ratio Lower Upper

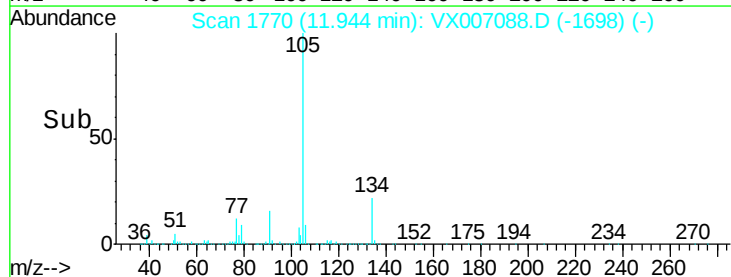
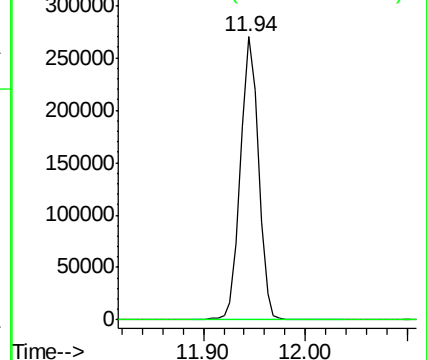
105 100

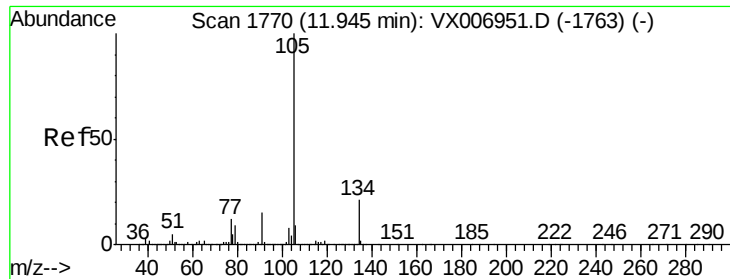
120 0.4 23.2 69.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 10.601 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007088.D

Acq: 17 Jan 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

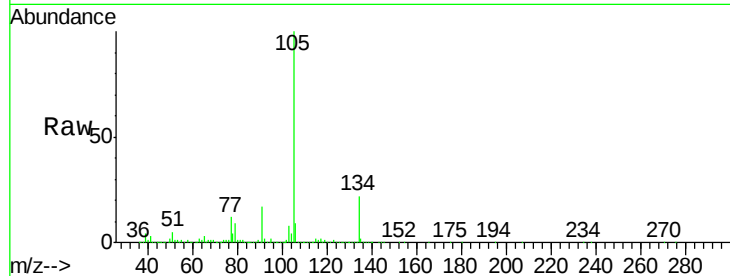
SS038MW050-190115

Tot Ion:105 Resp: 328422

Ion Ratio Lower Upper

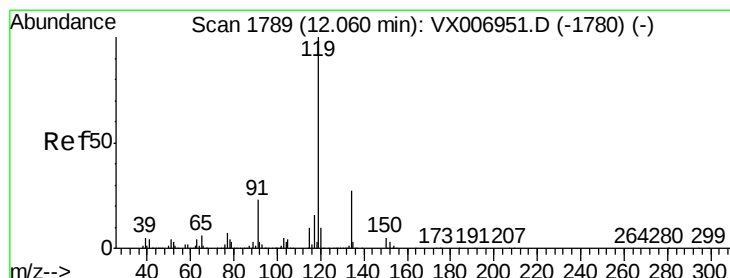
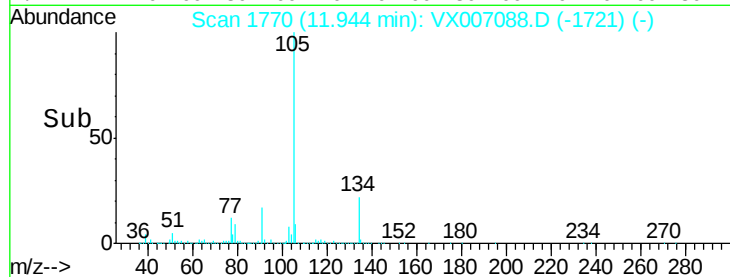
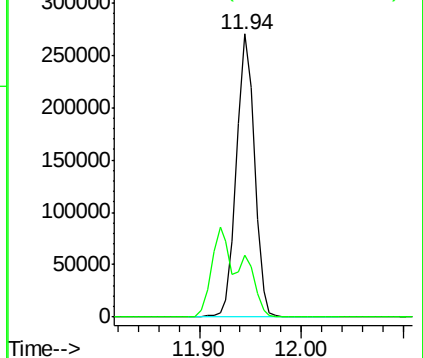
105 100

134 0.0 10.7 31.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.048 ug/l

RT: 12.23 min Scan# 1817

Delta R.T. 0.17 min

Lab File: VX007088.D

Acq: 17 Jan 2019 14:56

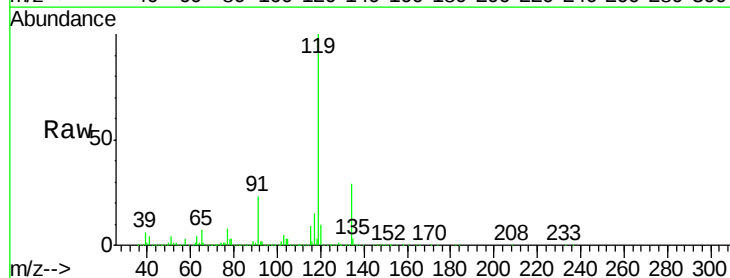
Tgt Ion:119 Resp: 555543

Ion Ratio Lower Upper

119 100

134 28.9 14.0 41.9

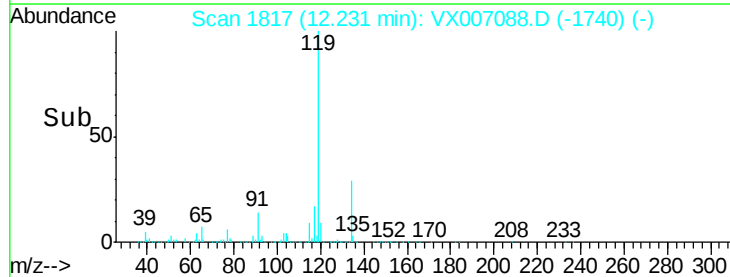
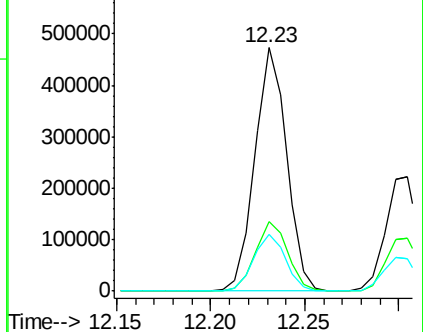
91 23.4 11.3 33.9

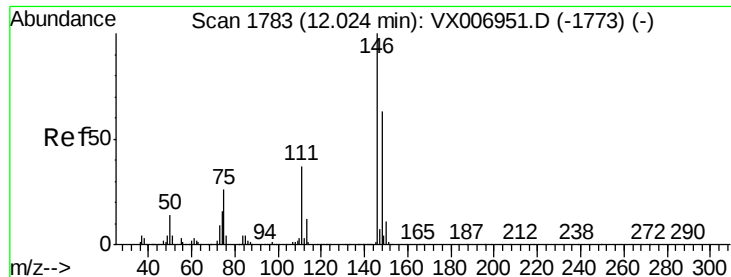


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

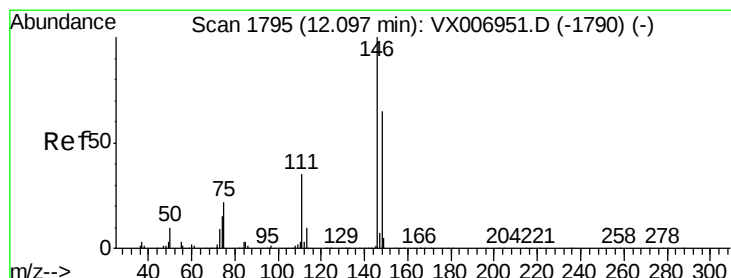
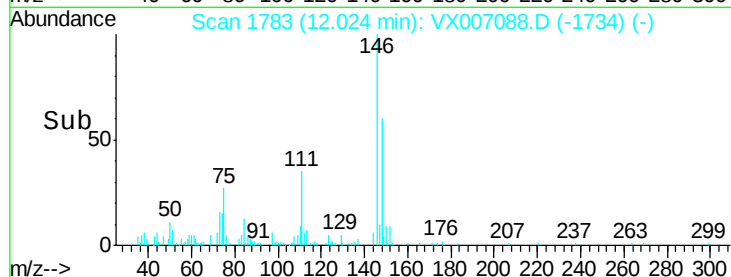
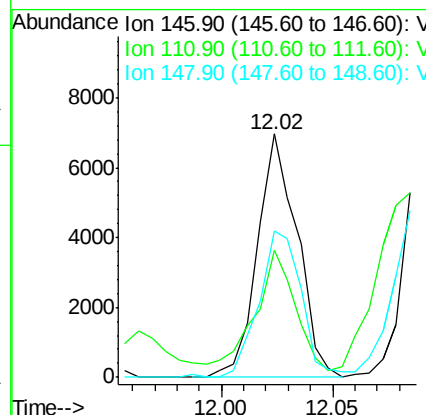
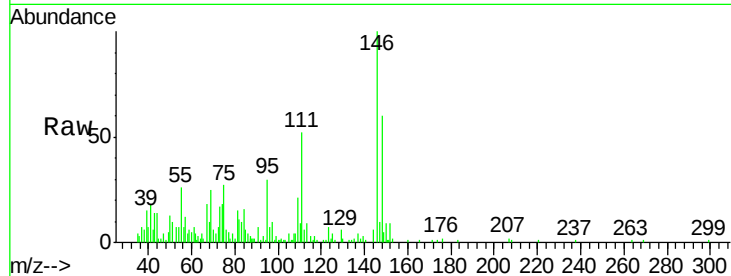




#87
 1,3-Dichlorobenzene
 Concen: 0.557 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007088.D
 Acq: 17 Jan 2019 14:56

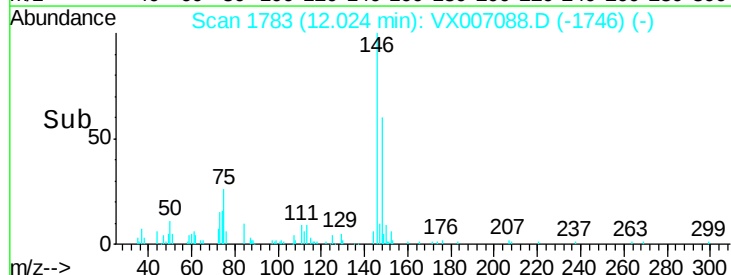
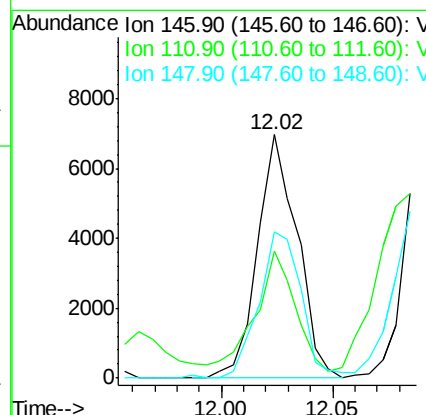
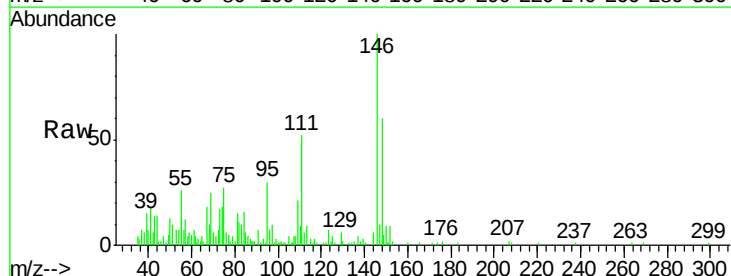
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038MW050-190115

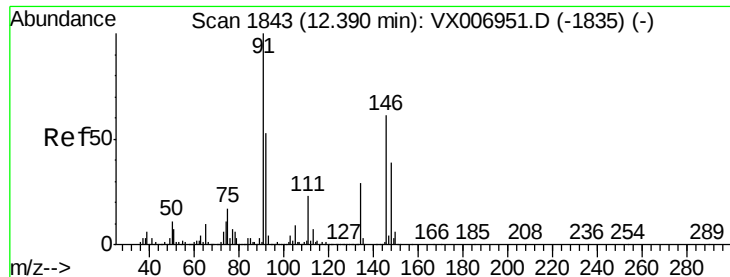
Tot Ion	Ratio	Lower	Upper
146	100		
111	49.0	18.6	55.8
148	65.0	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 0.731 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.07 min
 Lab File: VX007088.D
 Acq: 17 Jan 2019 14:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	49.4	18.1	54.1
148	65.0	31.9	95.9





#89

n-Butylbenzene

Concen: 0.772 ug/l

RT: 12.37 min Scan# 1840

Delta R.T. -0.02 min

Lab File: VX007088.D

Acq: 17 Jan 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

SS038MW050-190115

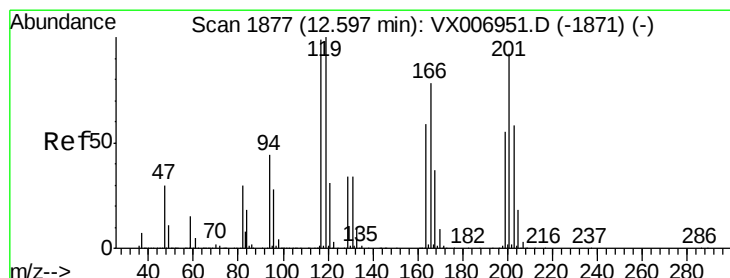
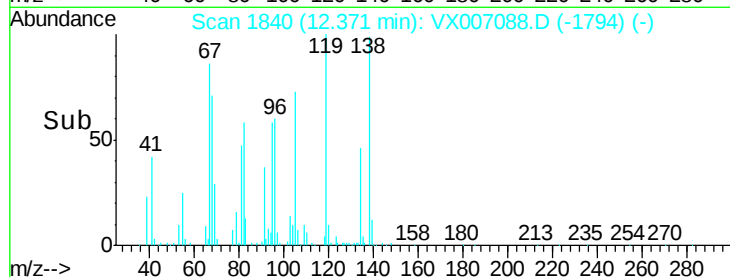
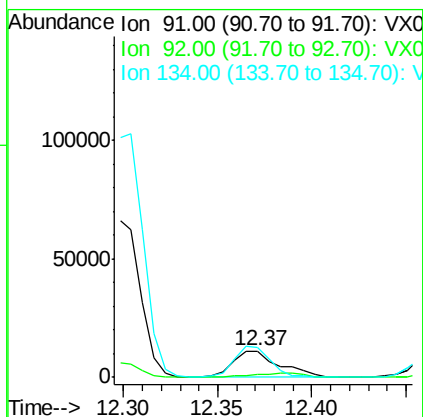
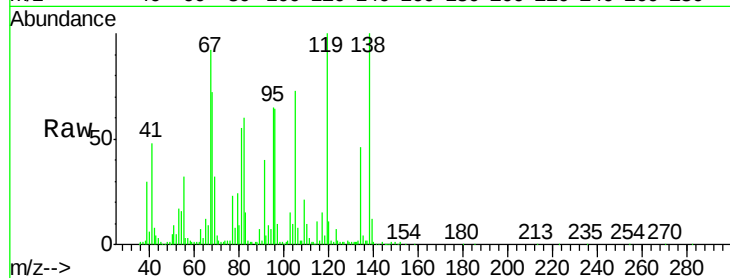
Tot Ion: 91 Resp: 18245

Ion Ratio Lower Upper

91 100

92 0.0 26.8 80.4#

134 98.8 14.4 43.2#



#90

Hexachloroethane

Concen: 35.675 ug/l

RT: 12.67 min Scan# 1889

Delta R.T. 0.07 min

Lab File: VX007088.D

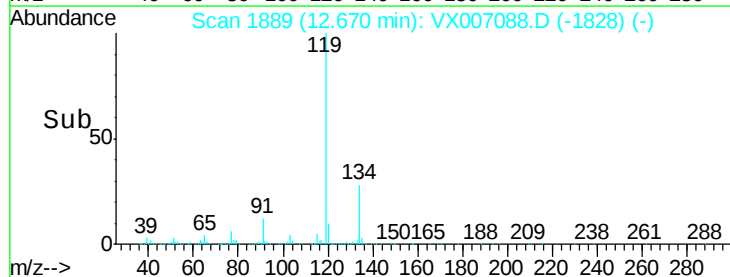
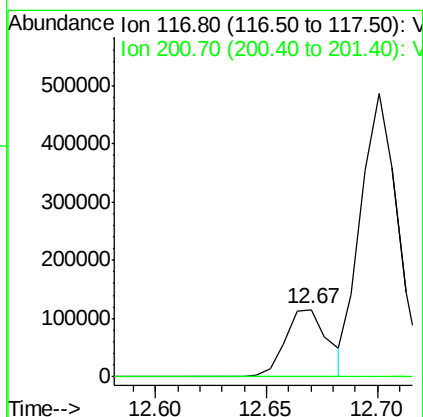
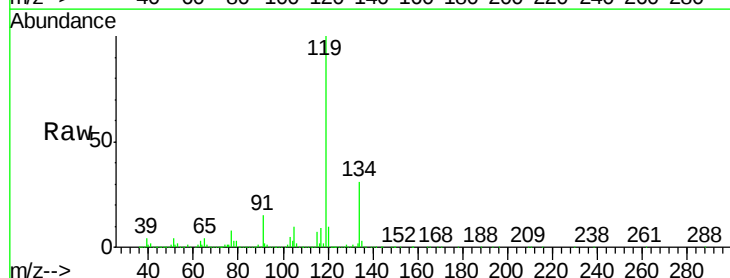
Acq: 17 Jan 2019 14:56

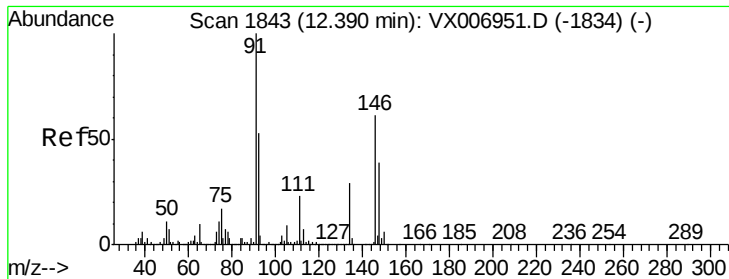
Tgt Ion: 117 Resp: 153910

Ion Ratio Lower Upper

117 100

201 0.0 42.9 128.7#





#91

1,2-Dichlorobenzene

Concen: 0.341 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007088.D

Acq: 17 Jan 2019 14:56

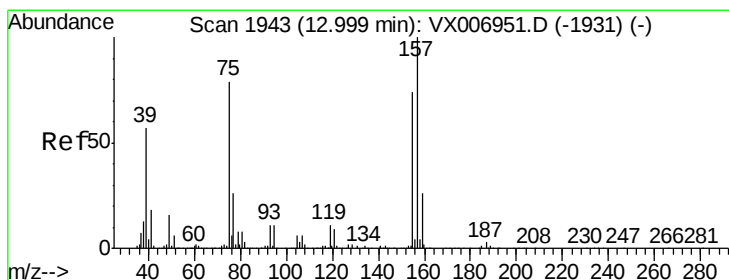
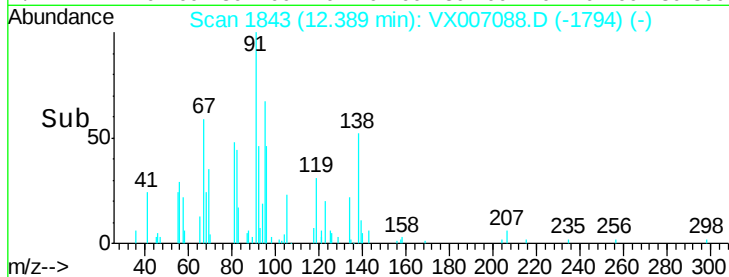
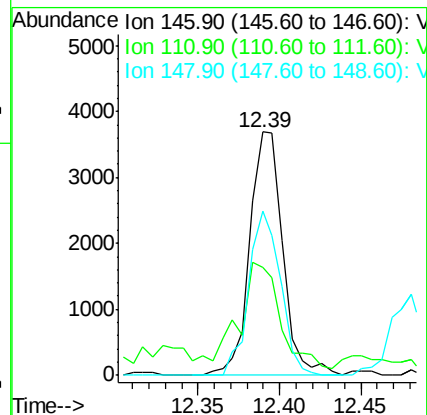
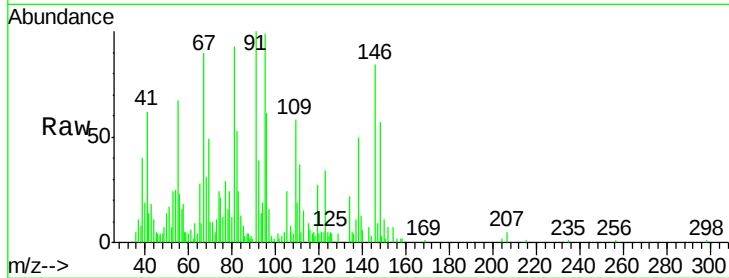
Instrument :

MSVOA_X

ClientSampleId :

SS038MW050-190115

Tot Ion:	146	Resp:	5220
Ion	Ratio	Lower	Upper
146	100		
111	53.1	19.4	58.2
148	64.9	32.3	96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.649 ug/l

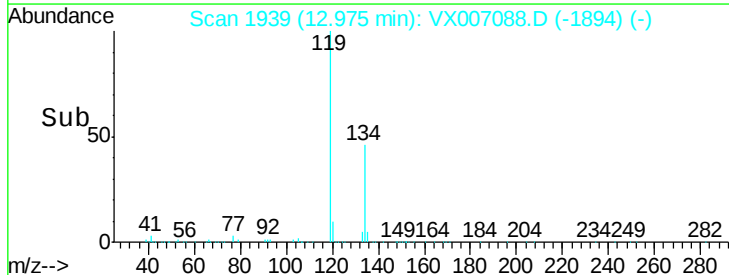
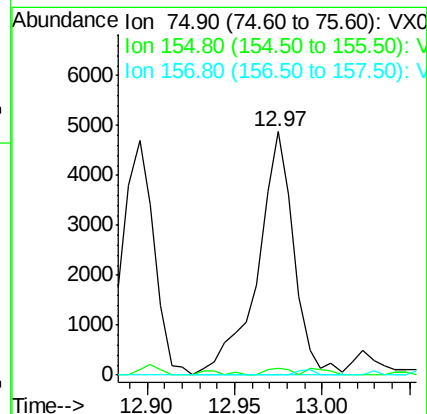
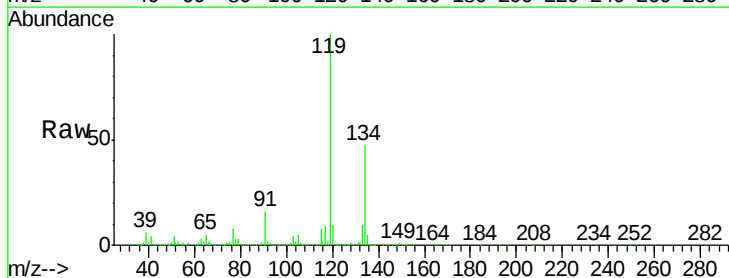
RT: 12.97 min Scan# 1939

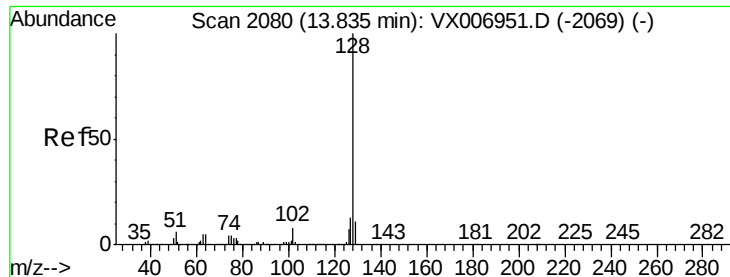
Delta R.T. -0.02 min

Lab File: VX007088.D

Acq: 17 Jan 2019 14:56

Tgt Ion:	75	Resp:	7130
Ion	Ratio	Lower	Upper
75	100		
155	1.9	50.6	151.8#
157	0.0	64.6	193.8#





#95
Naphthalene
Concen: 0.205 ug/l
RT: 13.84 min Scan# 2081
Delta R.T. 0.01 min
Lab File: VX007088.D
Acq: 17 Jan 2019 14:56

Instrument :
MSVOA_X
ClientSampleId :
SS038MW050-190115

Tot Ion:128 Resp: 6516
Ion Ratio Lower Upper
128 100
127 13.4 10.1 15.1
129 41.5 8.6 13.0#

