

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011719\
 Data File : VX007089.D
 Acq On : 17 Jan 2019 15:23
 Operator : JC/SP
 Sample : K1168-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038MW004-190115

Quant Time: Jan 18 04:59:44 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	571527	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	876695	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	822027	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	429698	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	298624	50.00	ug/l	0.00
Spiked Amount			Recovery	=	100.00%	
35) Dibromofluoromethane	5.50	113	264983	47.20	ug/l	0.00
Spiked Amount			Recovery	=	94.40%	
50) Toluene-d8	8.71	98	1051860	51.19	ug/l	0.00
Spiked Amount			Recovery	=	102.38%	
62) 4-Bromofluorobenzene	11.13	95	393103	54.87	ug/l	0.00
Spiked Amount			Recovery	=	109.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.41	62	3618	0.616	ug/l #	1
11) Tert butyl alcohol	3.06	59	10154	7.207	ug/l #	89
13) Acrolein	2.29	56	500	3.897	ug/l #	13
16) Acetone	2.45	43	1929	0.653	ug/l #	57
18) Methyl Acetate	2.84	43	34852	4.076	ug/l #	53
19) Methyl tert-butyl Ether	3.20	73	4195	0.230	ug/l #	76
20) Methylene Chloride	2.85	84	900	Below Cal	#	6
27) cis-1,2-Dichloroethene	4.62	96	2163	0.335	ug/l	91
31) Cyclohexane	5.57	56	5186	0.616	ug/l #	94
36) 1,1-Dichloropropene	5.66	75	35551	4.664	ug/l #	50
38) Carbon Tetrachloride	5.67	117	51111	6.665	ug/l #	15
39) Methylcyclohexane	7.45	83	32648	3.360	ug/l #	38
40) Benzene	6.14	78	8588	0.369	ug/l	98
43) Isopropyl Acetate	6.35	43	76508	5.936	ug/l #	59
47) Bromodichloromethane	7.85	83	4033	0.577	ug/l #	69
48) Methyl methacrylate	7.84	41	23063	3.484	ug/l	95
49) 1,4-Dioxane	7.75	88	262	Below Cal	#	80
51) 4-Methyl-2-Pentanone	8.39	43	2511	0.303	ug/l	97
52) Toluene	8.78	92	3993	0.267	ug/l	90
55) 1,1,2-Trichloroethane	9.16	97	37209	6.219	ug/l #	19
56) Ethyl methacrylate	9.16	69	7332	0.839	ug/l #	1
65) Chlorobenzene	10.14	112	469187	26.169	ug/l	100
73) Isopropylbenzene	11.02	105	75033	2.476	ug/l	100
74) N-aryl acetate	10.94	43	15243	1.249	ug/l #	66
75) 1,1,2,2-Tetrachloroethane	11.27	83	15913	1.654	ug/l #	34
76) 1,2,3-Trichloropropane	11.13	75	184955	21.241	ug/l #	40
78) n-propylbenzene	11.36	91	12470	0.375	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.13	75	184955	63.034	ug/l #	10
82) 4-Chlorotoluene	11.36	91	12470	0.538	ug/l #	51
83) tert-Butylbenzene	11.77	119	174170	6.895	ug/l	91
84) 1,2,4-Trimethylbenzene	11.94	105	512345	20.124	ug/l #	31
85) sec-Butylbenzene	11.94	105	512345	16.983	ug/l	96
86) p-Isopropyltoluene	12.23	119	648098	24.018	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	9168	0.608	ug/l	89

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Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

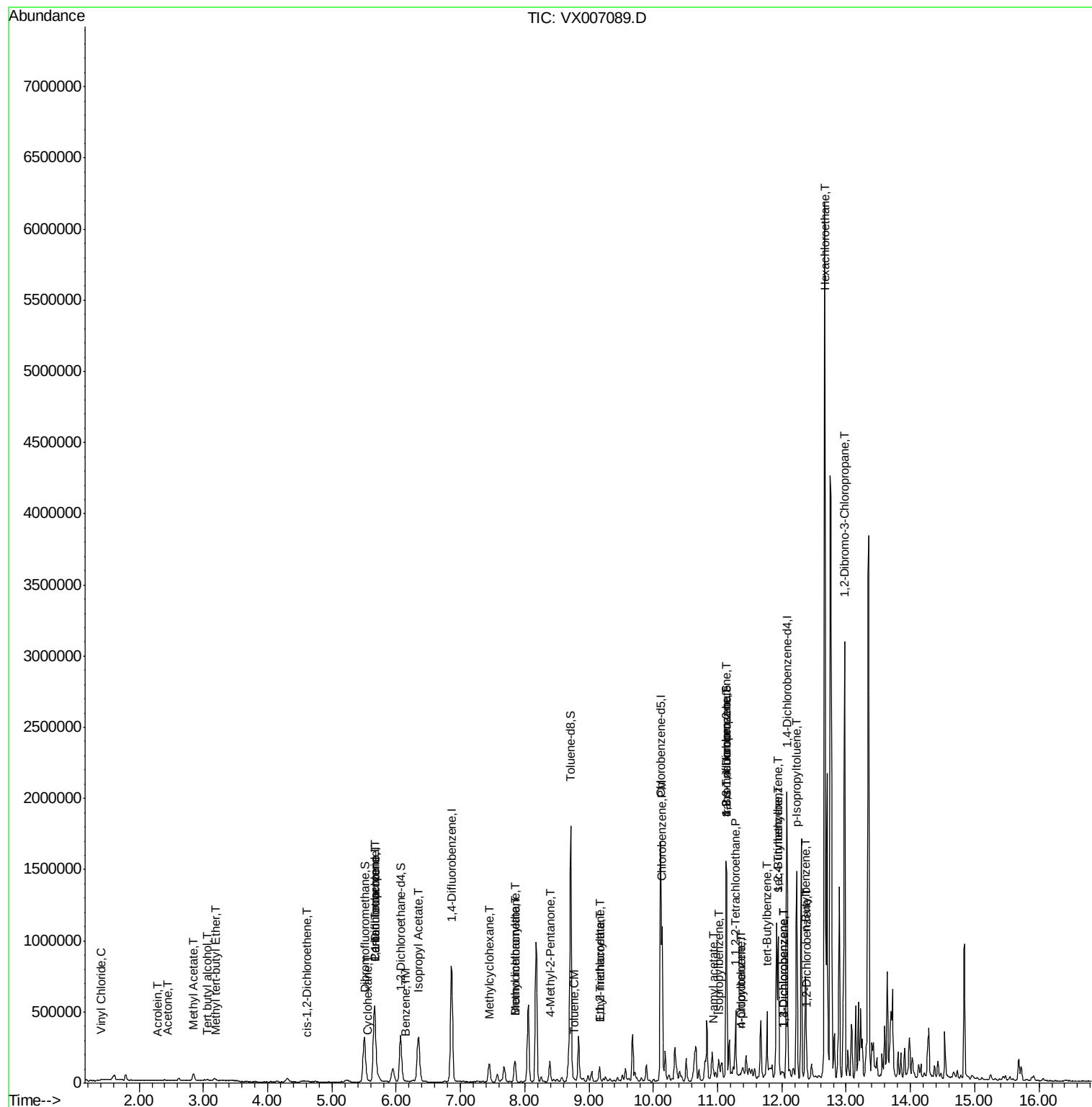
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	12.02	146	9168	0.784	ug/l	88
89) n-Butylbenzene	12.37	91	43400	1.887	ug/l #	13
90) Hexachloroethane	12.67	117	268016	61.506	ug/l #	6
91) 1,2-Dichlorobenzene	12.39	146	6570	0.441	ug/l #	82
92) 1,2-Dibromo-3-Chloropropan	12.97	75	10129	5.324	ug/l #	1

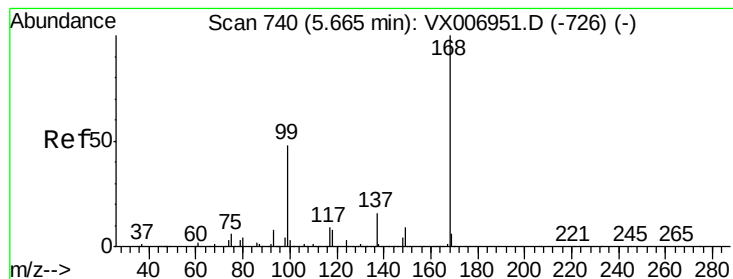
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007089.D

Acq: 17 Jan 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

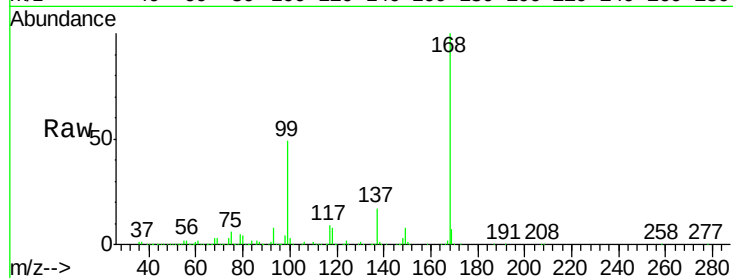
SS038MW004-190115

Tot Ion:168 Resp: 571527

Ion Ratio Lower Upper

168 100

99 49.2 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

200000

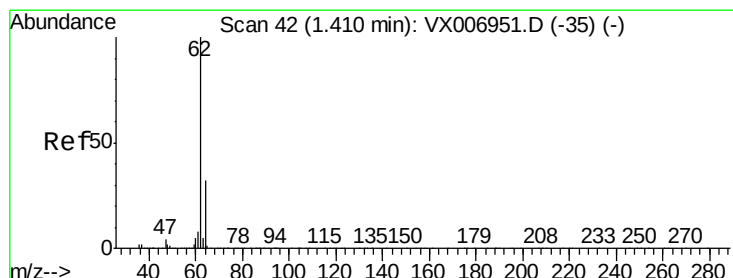
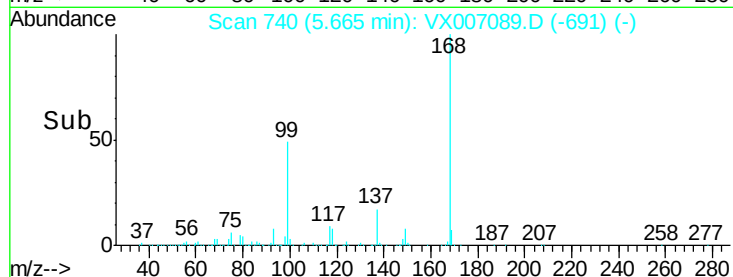
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 0.616 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007089.D

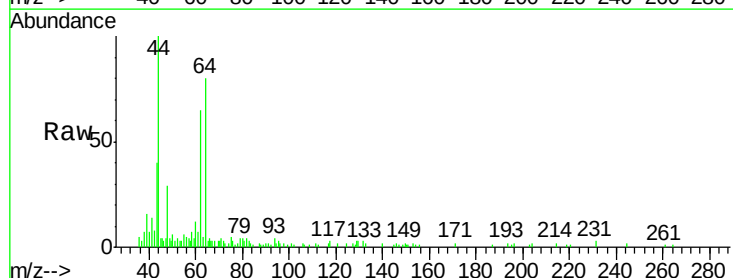
Acq: 17 Jan 2019 15:23

Tgt Ion: 62 Resp: 3618

Ion Ratio Lower Upper

62 100

64 107.3 25.1 37.7#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

6000

5000

4000

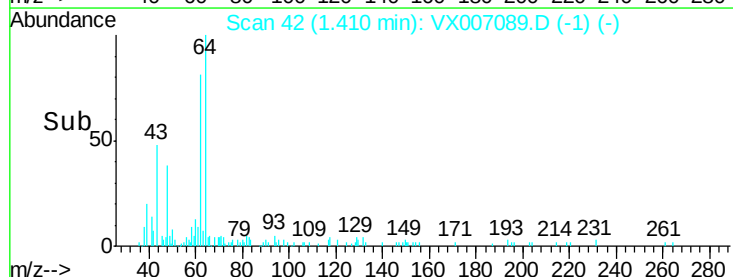
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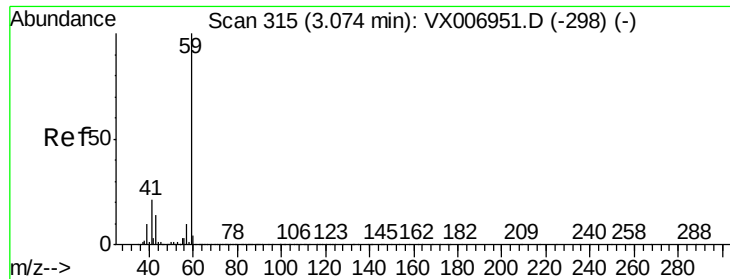
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Time-->



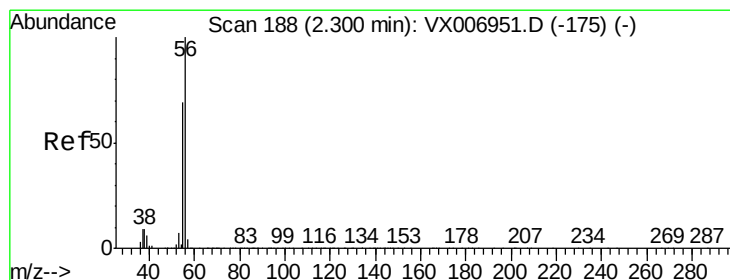
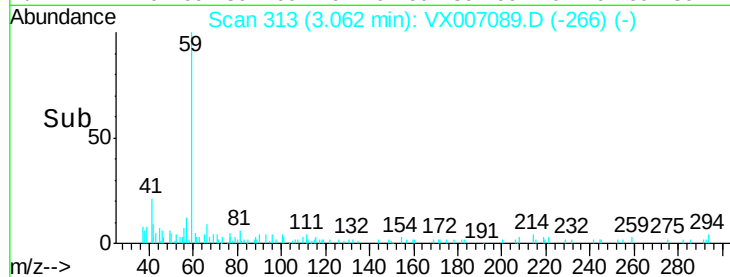
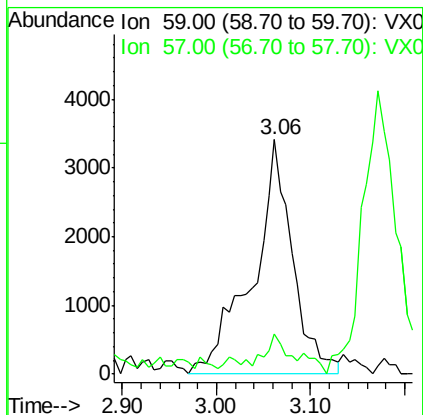
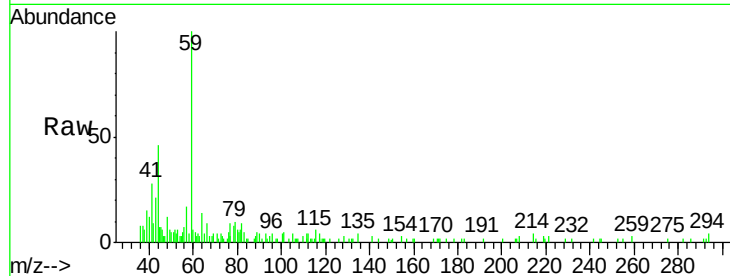


#11

Tert butyl alcohol
Concen: 7.207 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX007089.D
Acq: 17 Jan 2019 15:23

Instrument :
MSVOA_X
ClientSampleId :
SS038MW004-190115

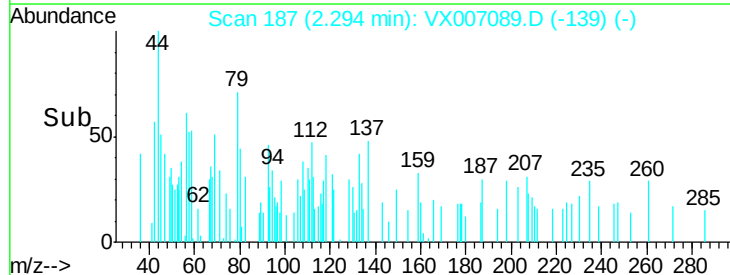
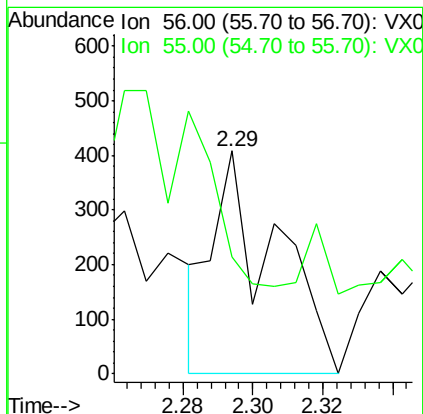
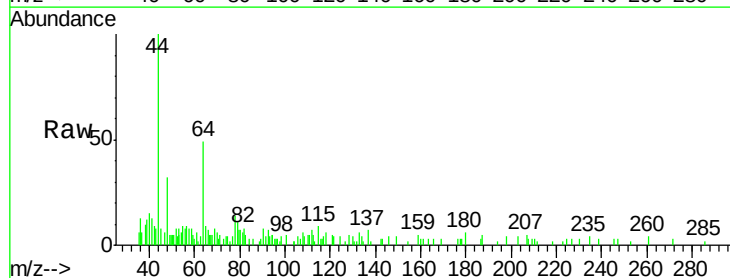
Tot Ion: 59 Resp: 10154
Ion Ratio Lower Upper
59 100
57 6.3 8.5 12.7#

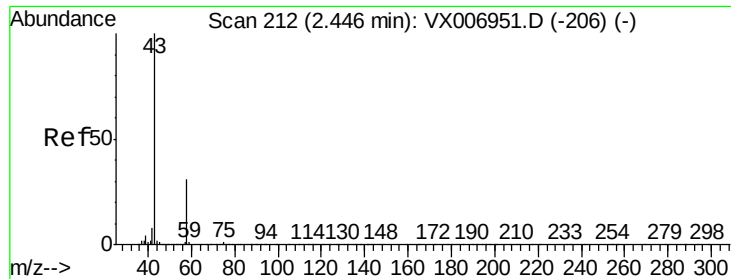


#13

Acrolein
Concen: 3.897 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX007089.D
Acq: 17 Jan 2019 15:23

Tgt Ion: 56 Resp: 500
Ion Ratio Lower Upper
56 100
55 0.0 58.2 87.4#

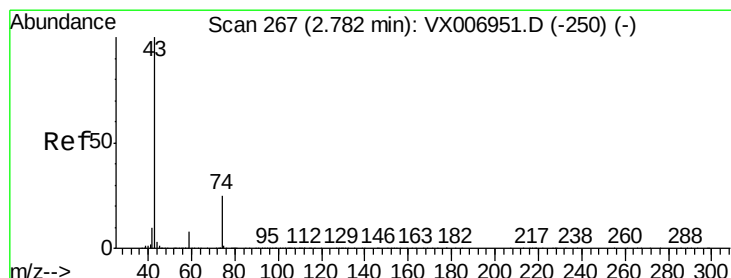
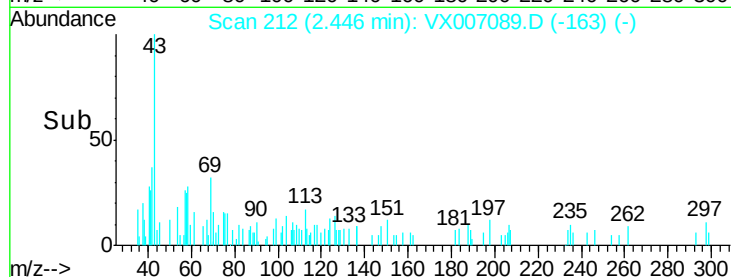
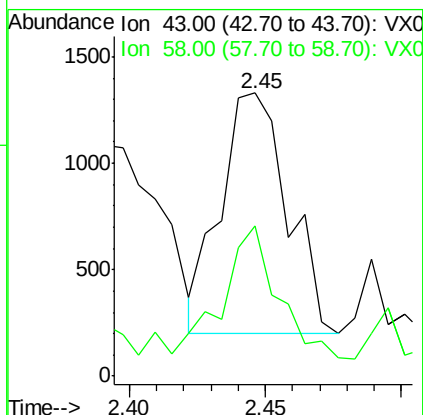
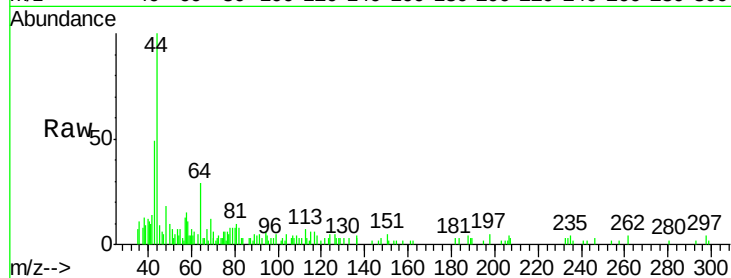




#16
Acetone
Concen: 0.653 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX007089.D
Acq: 17 Jan 2019 15:23

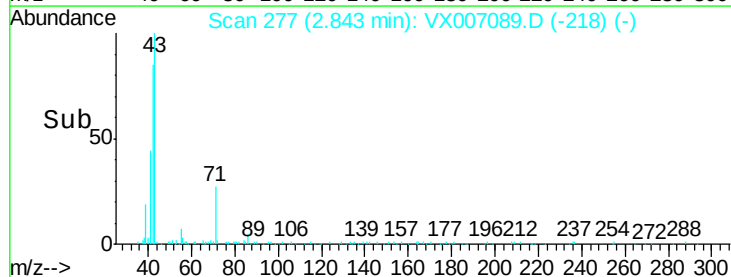
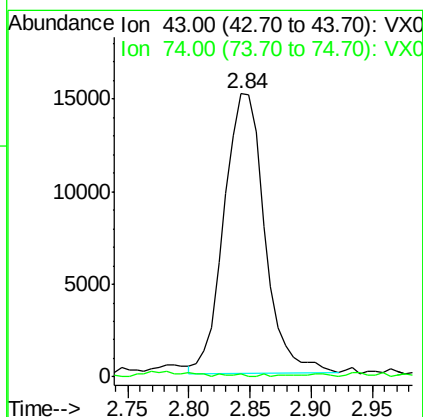
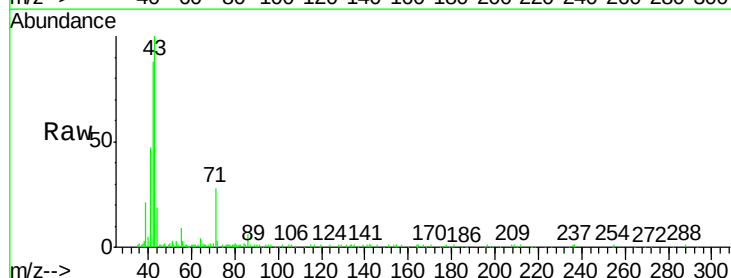
Instrument :
MSVOA_X
ClientSampleId :
SS038MW004-190115

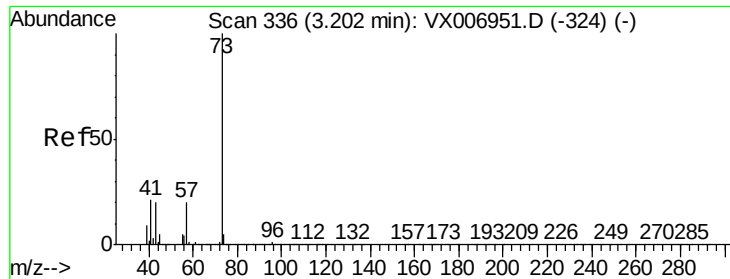
Tot Ion: 43 Resp: 1929
Ion Ratio Lower Upper
43 100
58 55.0 25.0 37.6#



#18
Methyl Acetate
Concen: 4.076 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.06 min
Lab File: VX007089.D
Acq: 17 Jan 2019 15:23

Tgt Ion: 43 Resp: 34852
Ion Ratio Lower Upper
43 100
74 0.5 18.6 28.0#



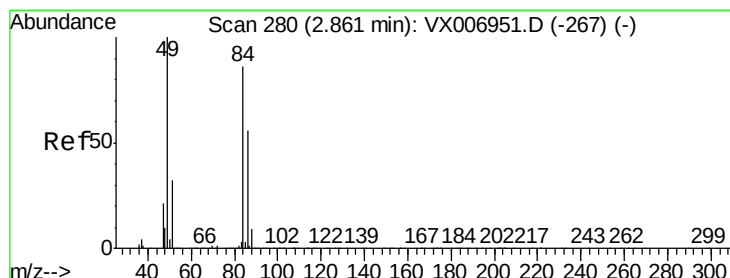
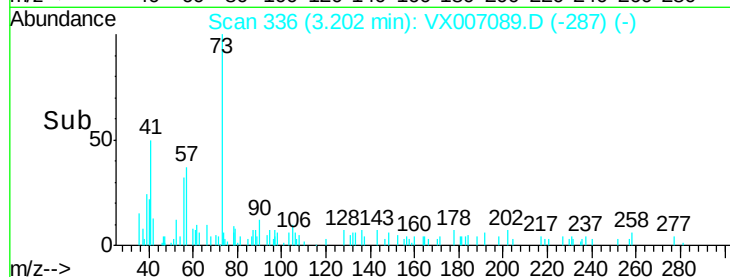
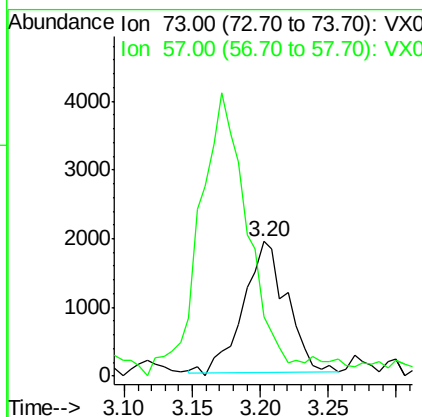
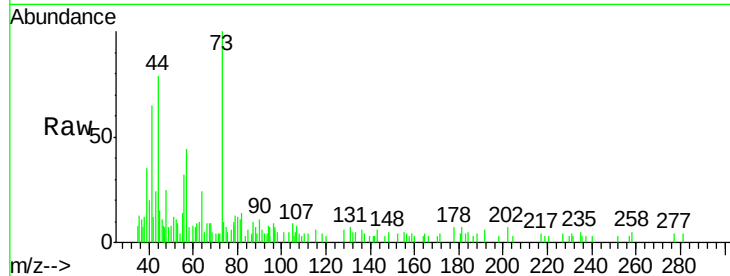


#19

Methyl tert-butyl Ether
 Concen: 0.230 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX007089.D
 Acq: 17 Jan 2019 15:23

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038MW004-190115

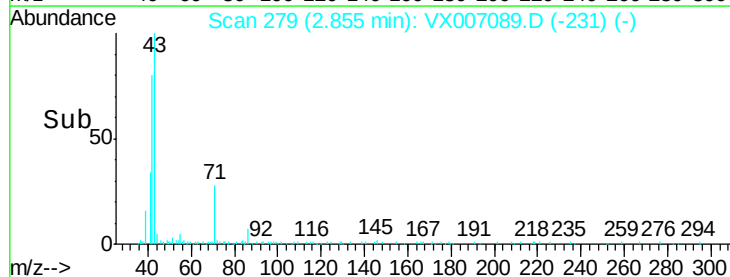
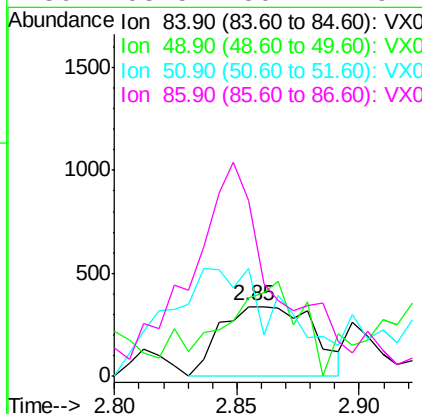
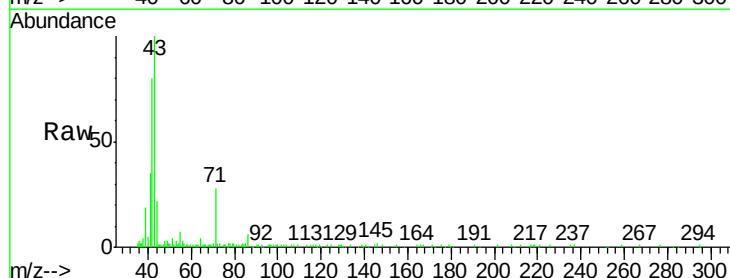
Tot Ion: 73 Resp: 4195
 Ion Ratio Lower Upper
 73 100
 57 32.3 16.8 25.2#

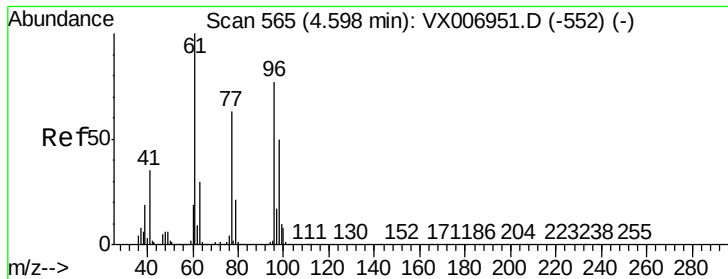


#20

Methylene Chloride
 Concen: Below Cal
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX007089.D
 Acq: 17 Jan 2019 15:23

Tgt Ion: 84 Resp: 900
 Ion Ratio Lower Upper
 84 100
 49 75.8 91.8 137.6#
 51 110.0 28.5 42.7#
 86 203.5 50.2 75.2#



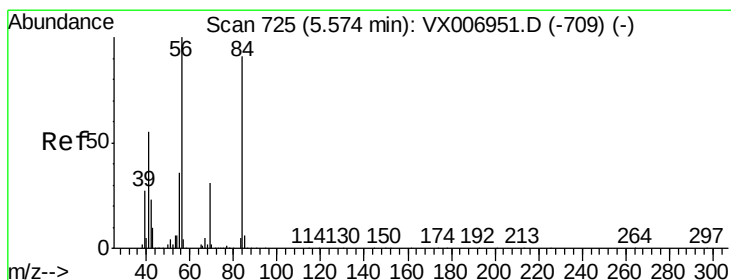
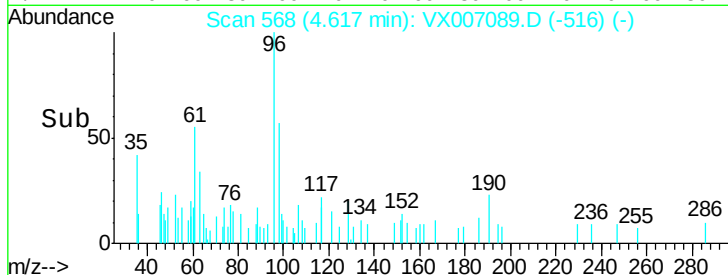
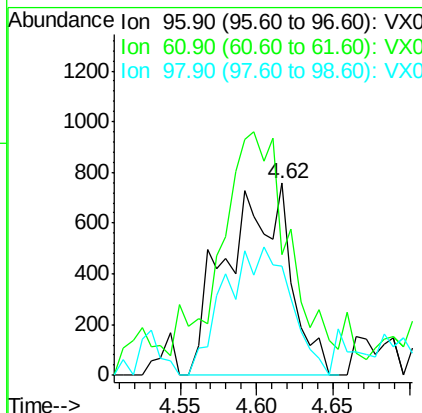
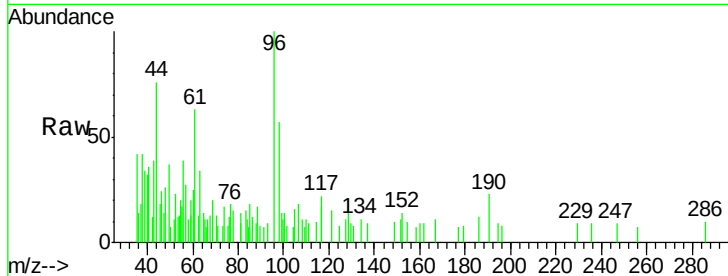


#27

cis-1,2-Dichloroethene
 Concen: 0.335 ug/l
 RT: 4.62 min Scan# 568
 Delta R.T. 0.02 min
 Lab File: VX007089.D
 Acq: 17 Jan 2019 15:23

Instrument :
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 SS038MW004-190115

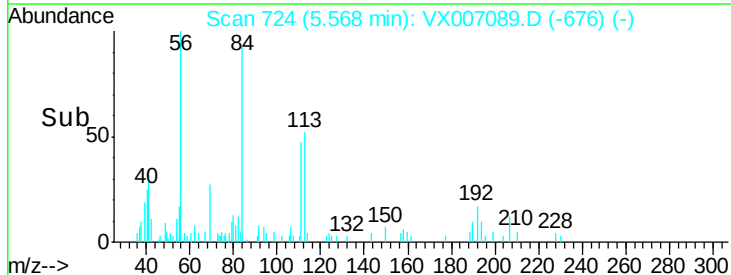
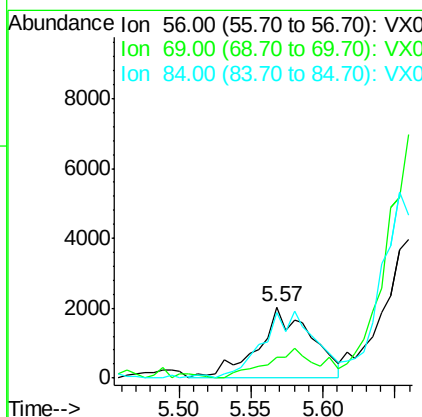
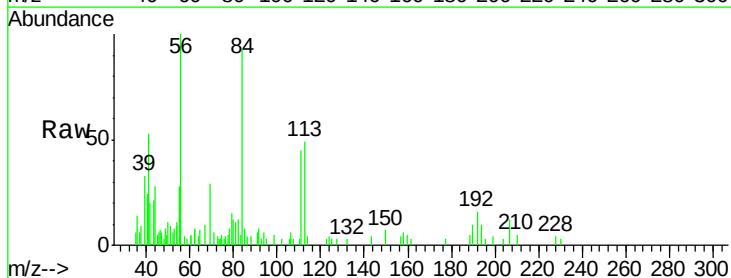
Tot Ion: 96 Resp: 2163
 Ion Ratio Lower Upper
 96 100
 61 142.4 0.0 258.6
 98 69.9 0.0 132.0

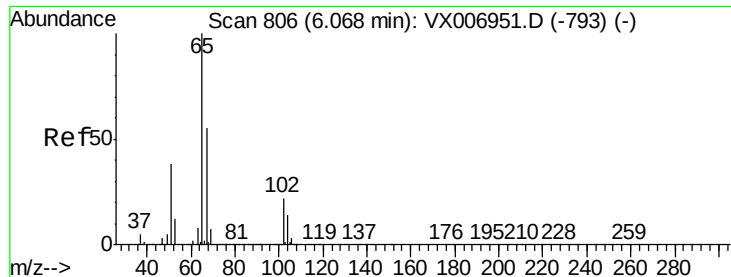


#31

Cyclohexane
 Concen: 0.616 ug/l
 RT: 5.57 min Scan# 724
 Delta R.T. -0.01 min
 Lab File: VX007089.D
 Acq: 17 Jan 2019 15:23

Tgt Ion: 56 Resp: 5186
 Ion Ratio Lower Upper
 56 100
 69 22.6 24.4 36.6#
 84 90.1 70.0 105.0

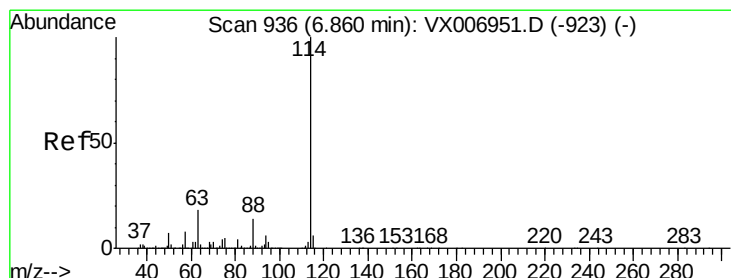
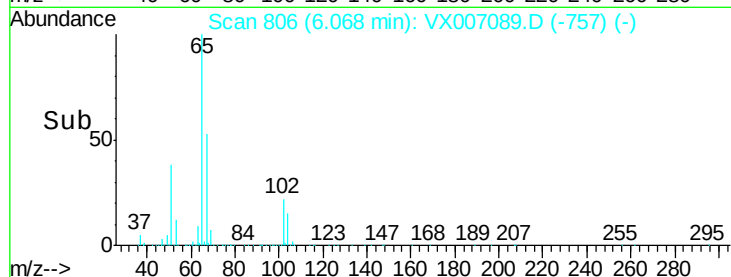
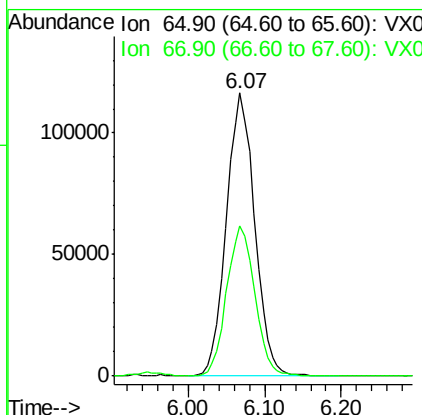
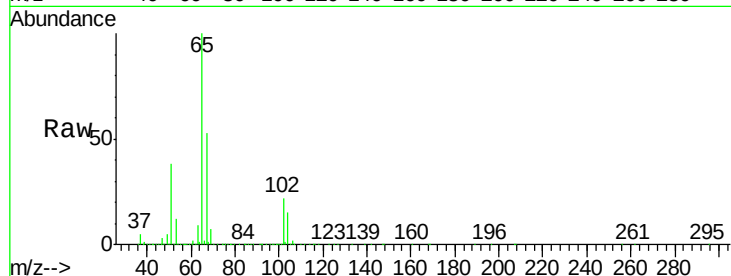




#33
 1,2-Dichloroethane-d4
 Concen: 49.996 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007089.D
 Acq: 17 Jan 2019 15:23

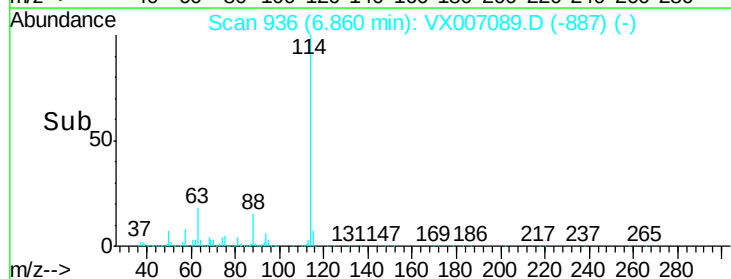
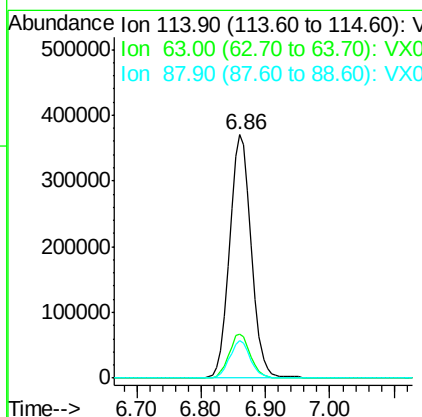
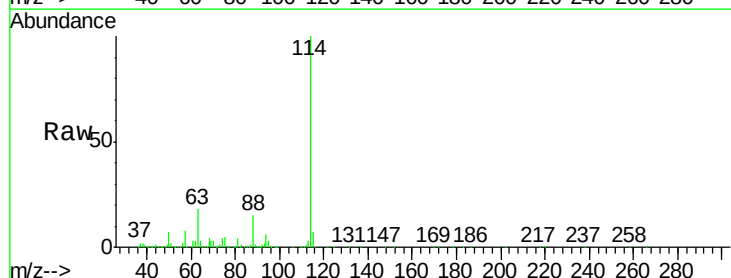
Instrument :
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 SS038MW004-190115

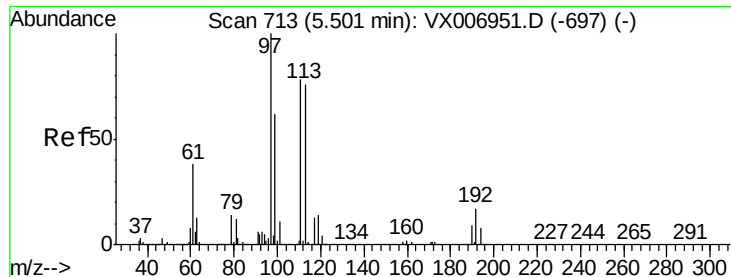
Tot Ion: 65 Resp: 298624
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007089.D
 Acq: 17 Jan 2019 15:23

Tgt Ion: 114 Resp: 876695
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 34.8
 88 15.3 0.0 28.8





#35

Dibromofluoromethane

Concen: 47.198 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007089.D

Acq: 17 Jan 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

SS038MW004-190115

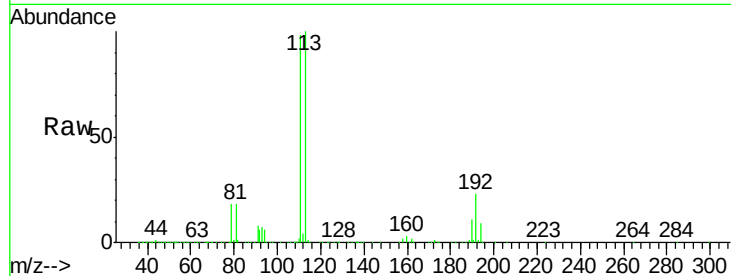
Tot Ion:113 Resp: 264983

Ion Ratio Lower Upper

113 100

111 101.3 81.6 122.4

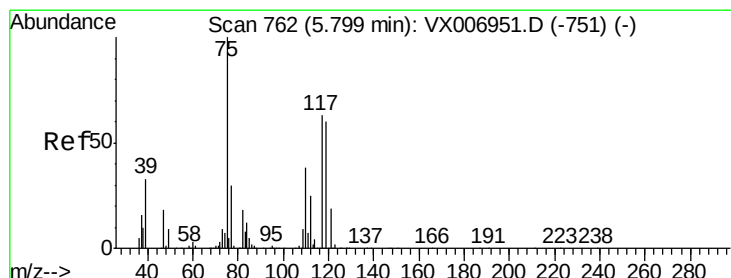
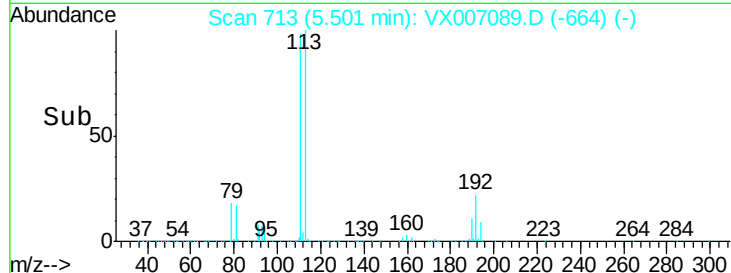
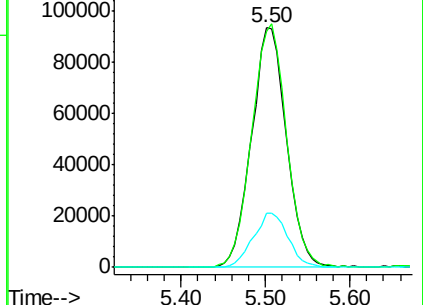
192 22.7 16.7 25.1



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: 4.664 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX007089.D

Acq: 17 Jan 2019 15:23

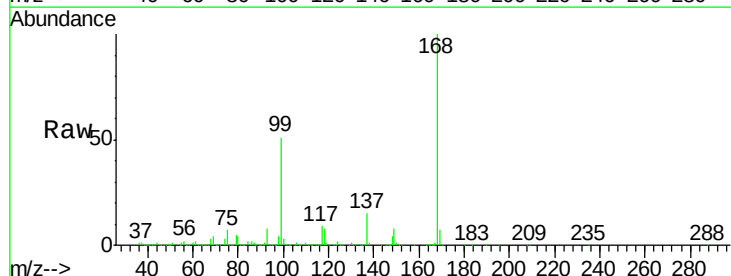
Tgt Ion: 75 Resp: 35551

Ion Ratio Lower Upper

75 100

110 11.5 20.2 60.5#

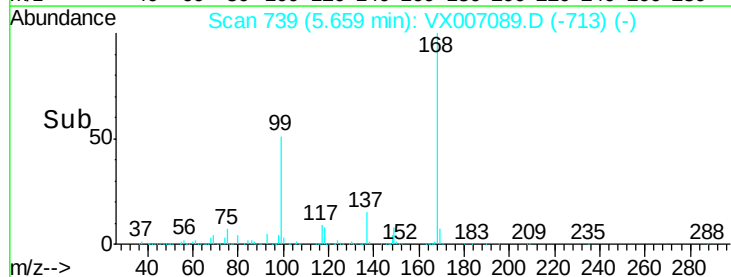
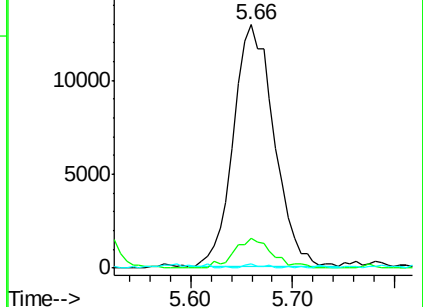
77 0.8 24.8 37.2#

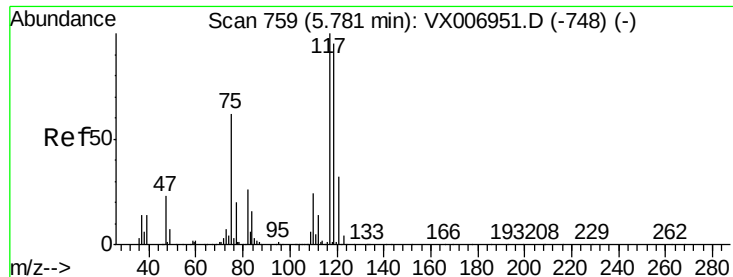


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.665 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007089.D

Acq: 17 Jan 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

SS038MW004-190115

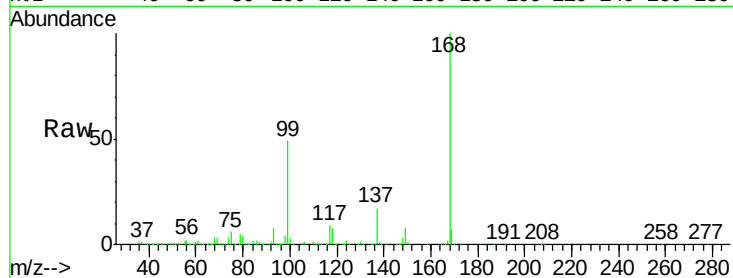
Tot Ion:117 Resp: 51111

Ion Ratio Lower Upper

117 100

119 5.3 79.4 119.2#

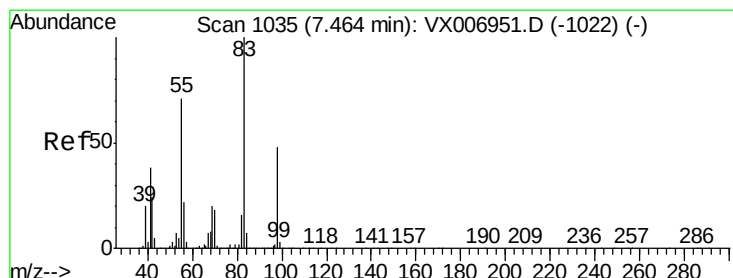
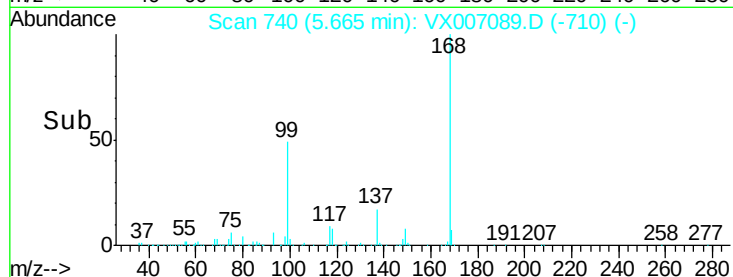
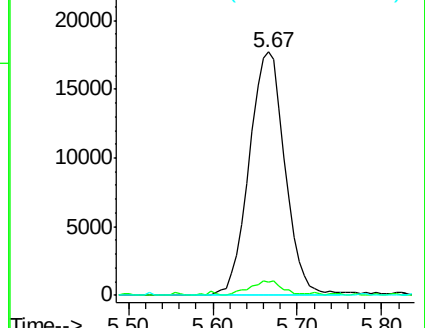
121 0.0 24.0 36.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 3.360 ug/l

RT: 7.45 min Scan# 1033

Delta R.T. -0.01 min

Lab File: VX007089.D

Acq: 17 Jan 2019 15:23

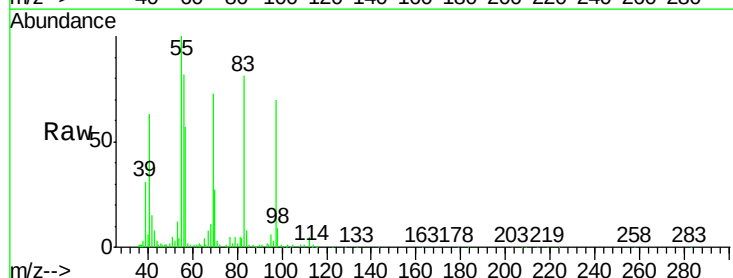
Tgt Ion: 83 Resp: 32648

Ion Ratio Lower Upper

83 100

55 122.9 54.9 82.3#

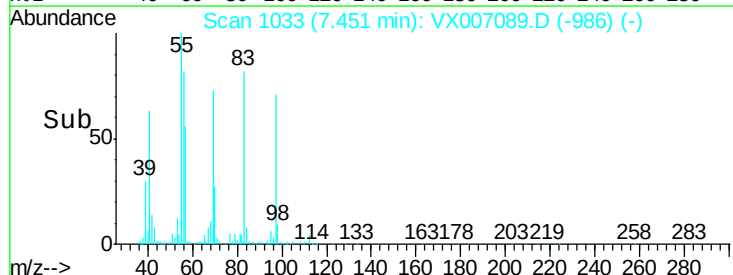
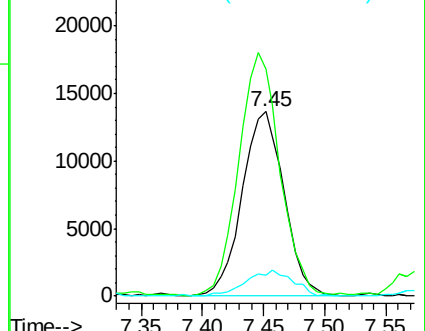
98 11.4 37.9 56.9#

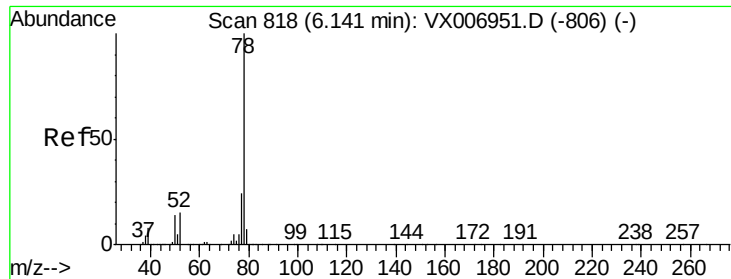


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.369 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX007089.D

Acq: 17 Jan 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

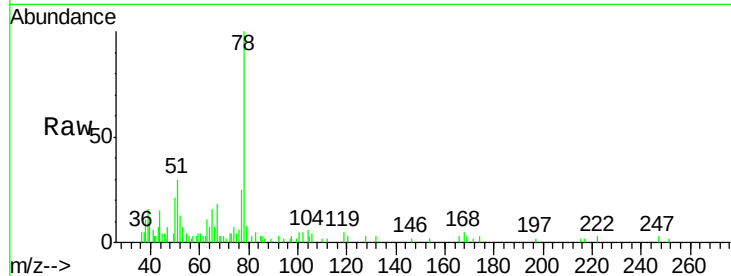
SS038MW004-190115

Tot Ion: 78 Resp: 8588

Ion Ratio Lower Upper

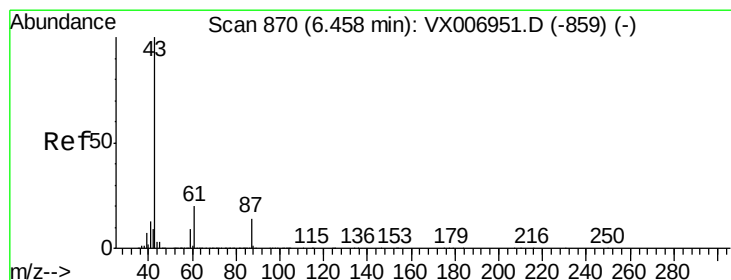
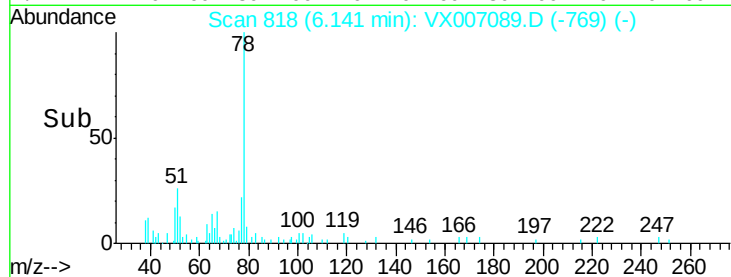
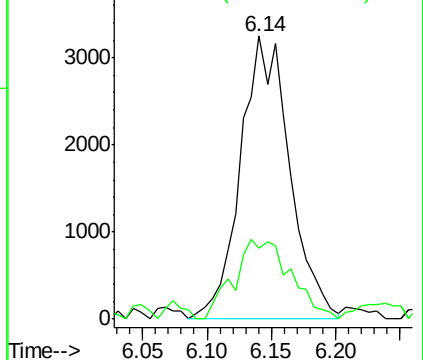
78 100

77 25.0 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#43

Isopropyl Acetate

Concen: 5.936 ug/l

RT: 6.35 min Scan# 852

Delta R.T. -0.11 min

Lab File: VX007089.D

Acq: 17 Jan 2019 15:23

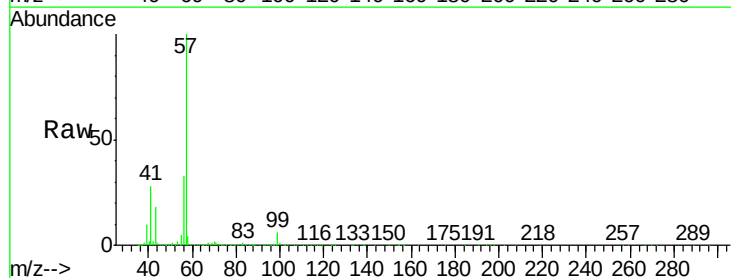
Tgt Ion: 43 Resp: 76508

Ion Ratio Lower Upper

43 100

61 0.3 16.8 25.2#

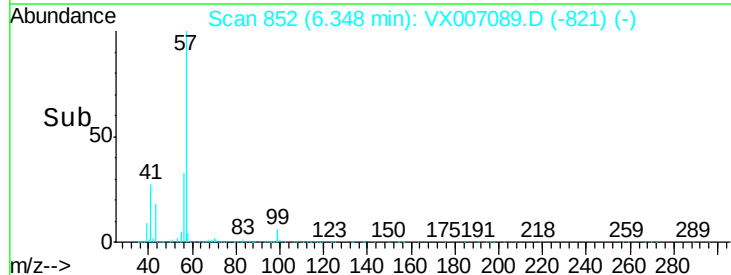
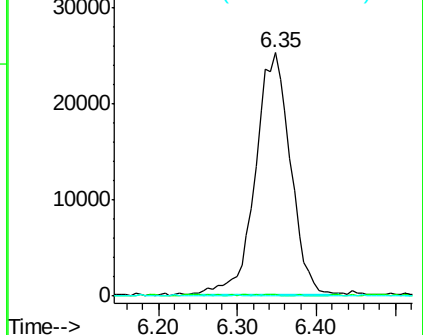
87 0.0 12.4 18.6#

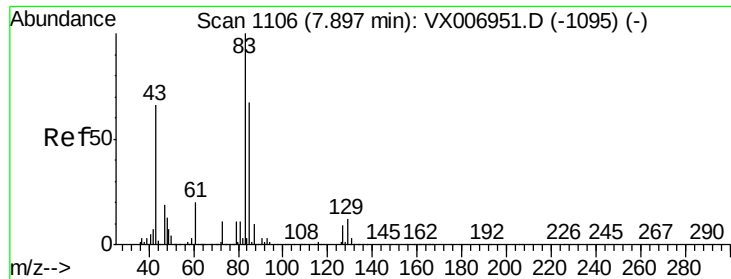


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#47

Bromodichloromethane

Concen: 0.577 ug/l

RT: 7.85 min Scan# 1098

Delta R.T. -0.05 min

Lab File: VX007089.D

Acq: 17 Jan 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

SS038MW004-190115

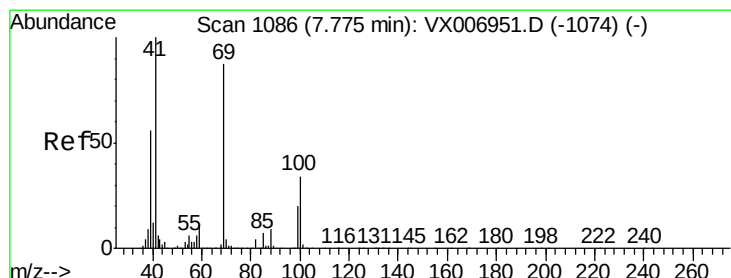
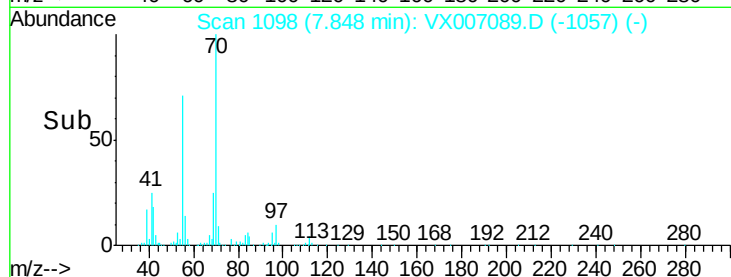
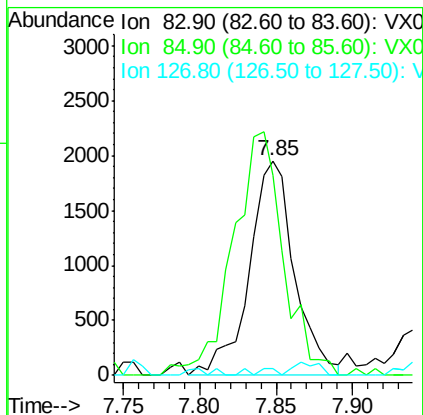
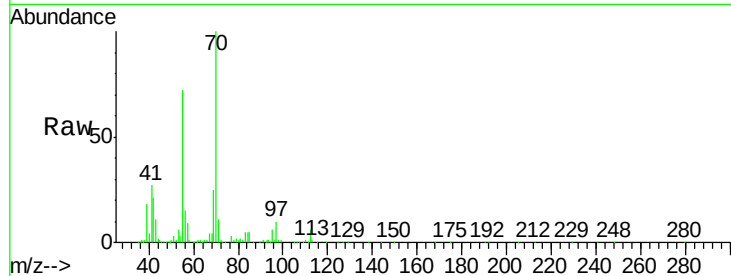
Tot Ion: 83 Resp: 4033

Ion Ratio Lower Upper

83 100

85 92.9 53.2 79.8#

127 3.1 7.8 11.6#



#48

Methyl methacrylate

Concen: 3.484 ug/l

RT: 7.84 min Scan# 1097

Delta R.T. 0.07 min

Lab File: VX007089.D

Acq: 17 Jan 2019 15:23

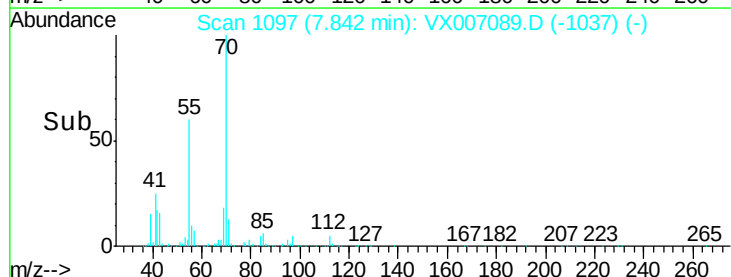
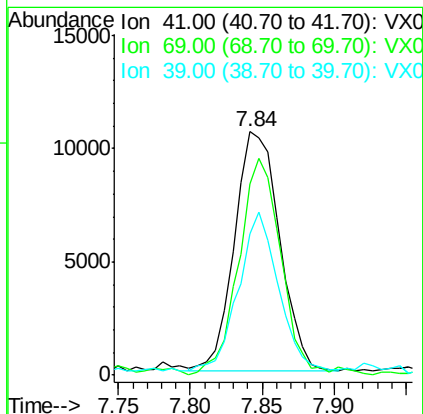
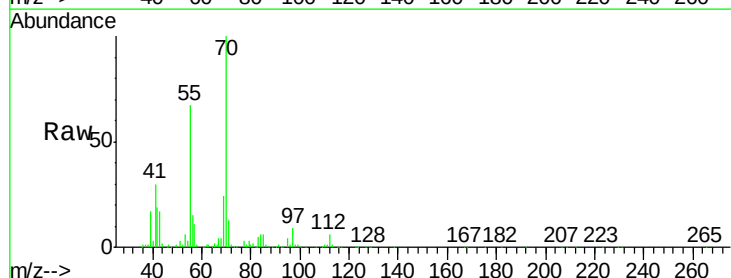
Tgt Ion: 41 Resp: 23063

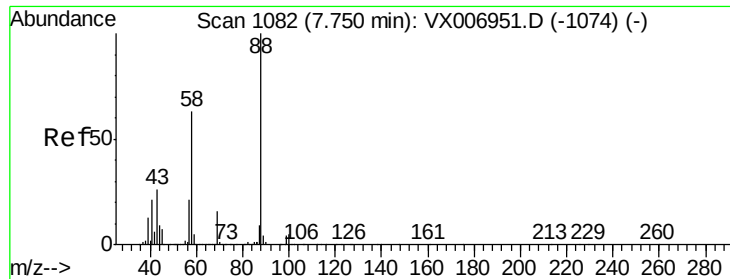
Ion Ratio Lower Upper

41 100

69 83.7 72.4 108.6

39 59.1 45.8 68.8





#49

1,4-Dioxane

Concen: Below Cal

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007089.D

Acq: 17 Jan 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

SS038MW004-190115

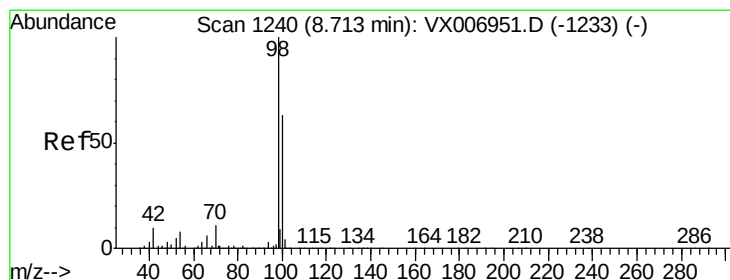
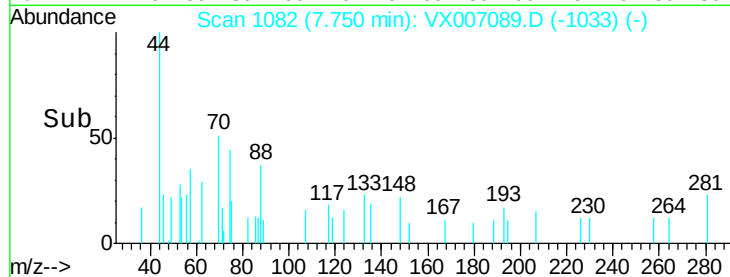
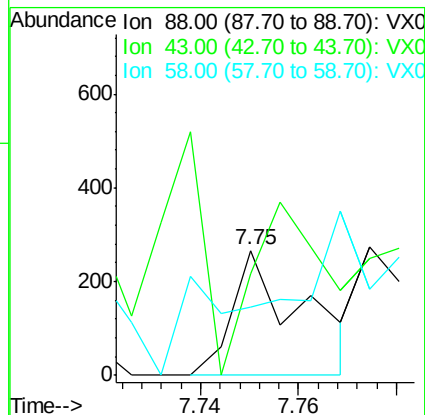
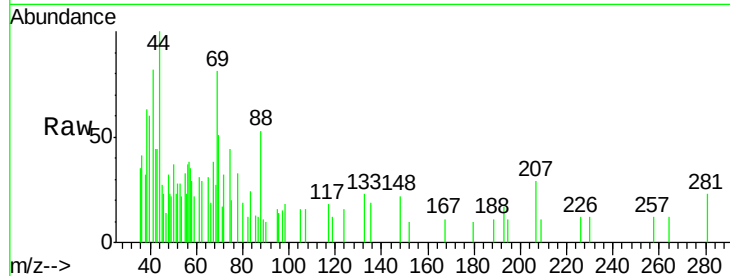
Tot Ion: 88 Resp: 262

Ion Ratio Lower Upper

88 100

43 0.0 22.2 33.4#

58 67.9 51.0 76.4



#50

Toluene-d8

Concen: 51.185 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007089.D

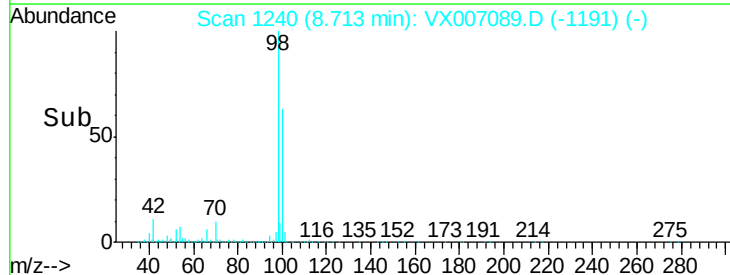
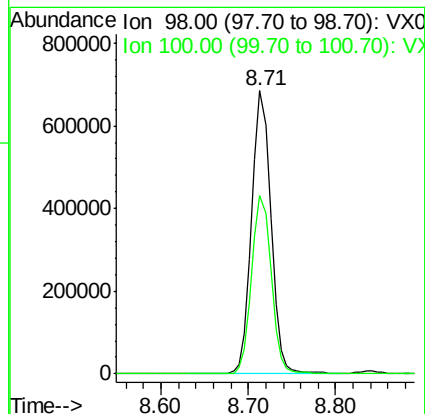
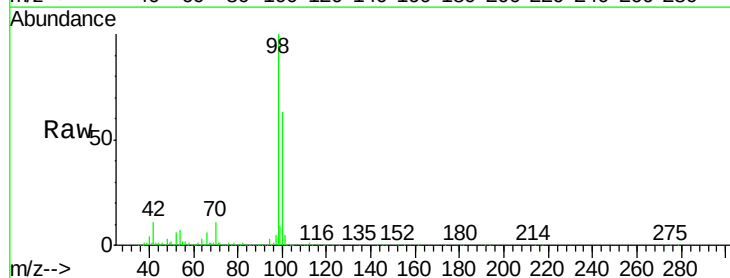
Acq: 17 Jan 2019 15:23

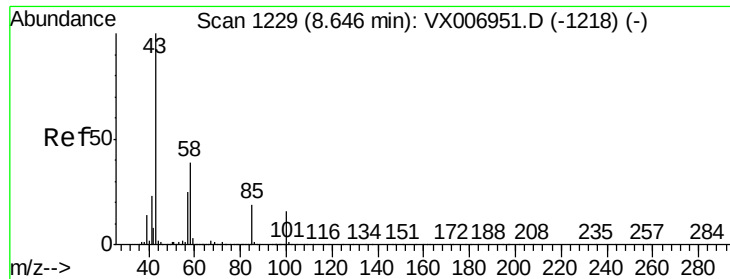
Tgt Ion: 98 Resp: 1051860

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 0.303 ug/l

RT: 8.39 min Scan# 1187

Delta R.T. -0.26 min

Lab File: VX007089.D

Acq: 17 Jan 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

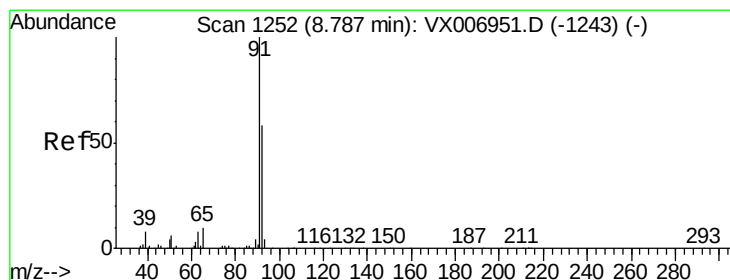
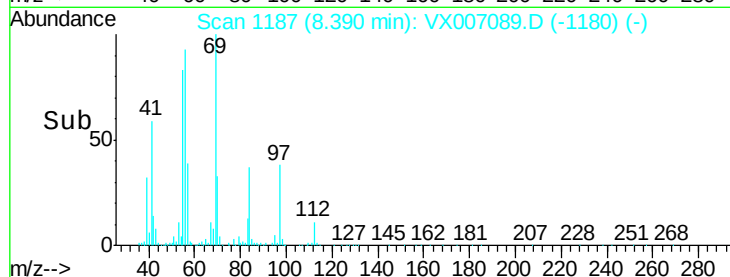
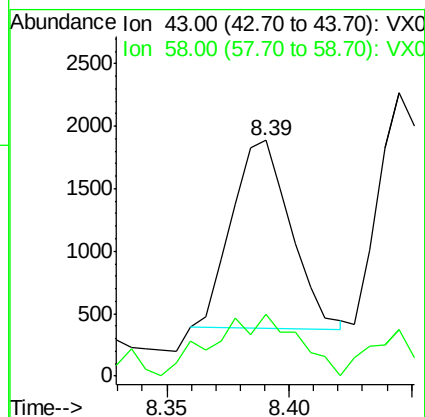
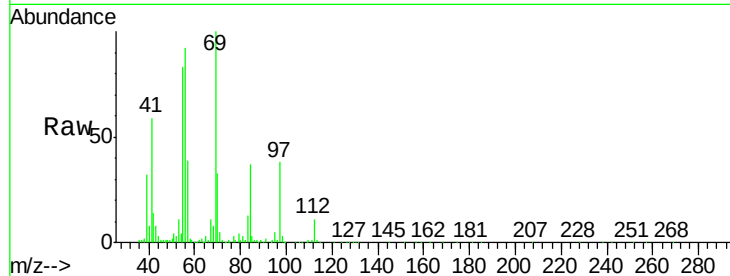
SS038MW004-190115

Tot Ion: 43 Resp: 2511

Ion Ratio Lower Upper

43 100

58 38.1 31.8 47.6



#52

Toluene

Concen: 0.267 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007089.D

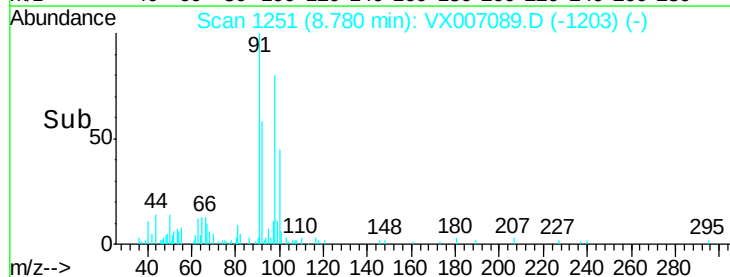
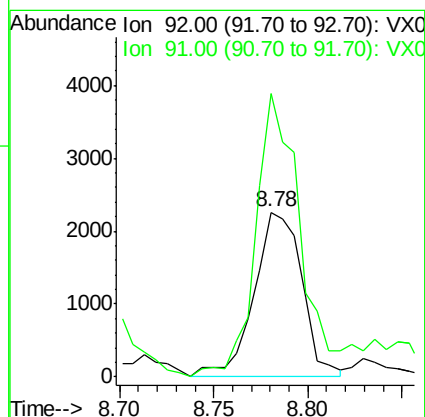
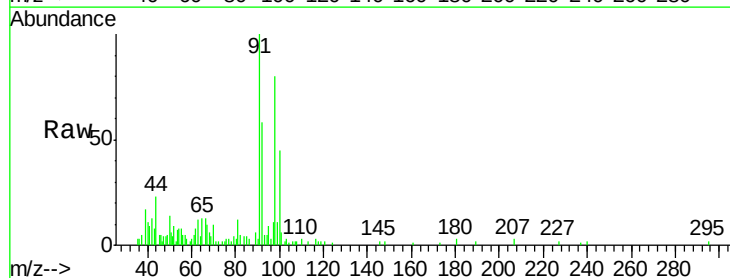
Acq: 17 Jan 2019 15:23

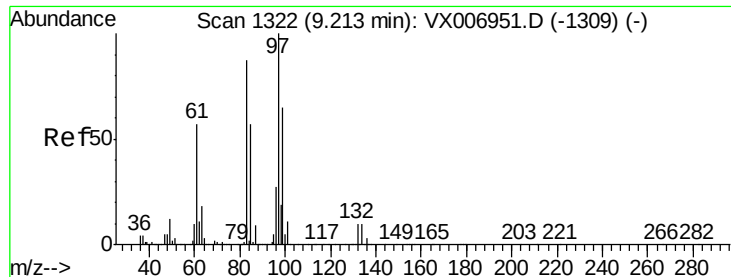
Tgt Ion: 92 Resp: 3993

Ion Ratio Lower Upper

92 100

91 157.9 137.6 206.4





#55

1,1,2-Trichloroethane

Concen: 6.219 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX007089.D

Acq: 17 Jan 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

SS038MW004-190115

Tot Ion: 97 Resp: 37209

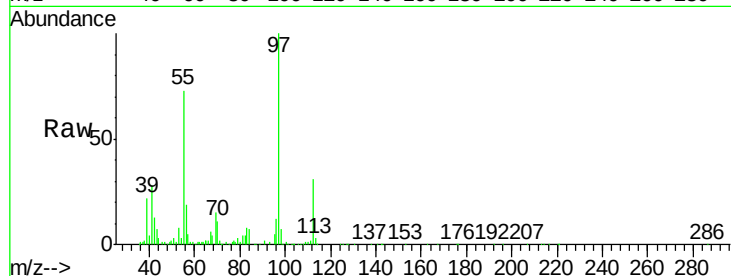
Ion Ratio Lower Upper

97 100

83 6.9 66.6 99.8#

85 0.0 42.7 64.1#

99 0.4 50.8 76.2#

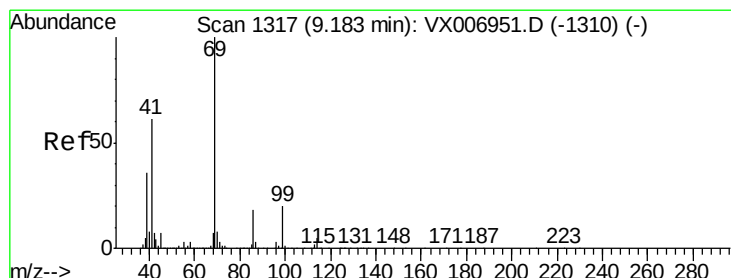
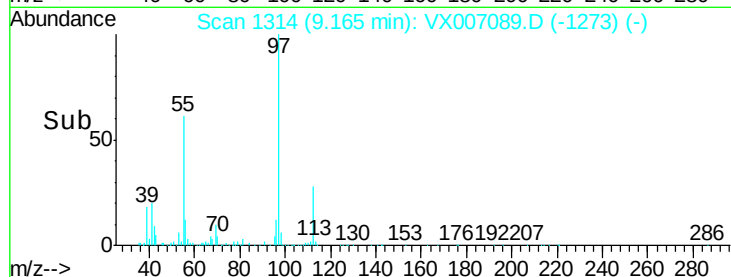
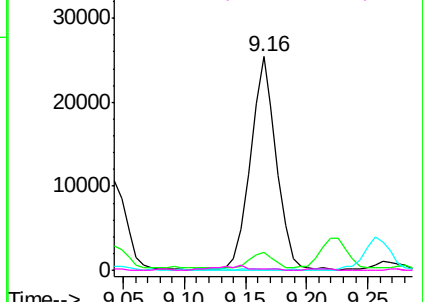


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 0.839 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.02 min

Lab File: VX007089.D

Acq: 17 Jan 2019 15:23

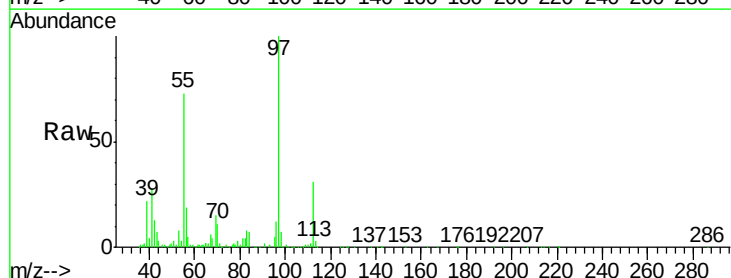
Tgt Ion: 69 Resp: 7332

Ion Ratio Lower Upper

69 100

41 191.1 48.7 73.1#

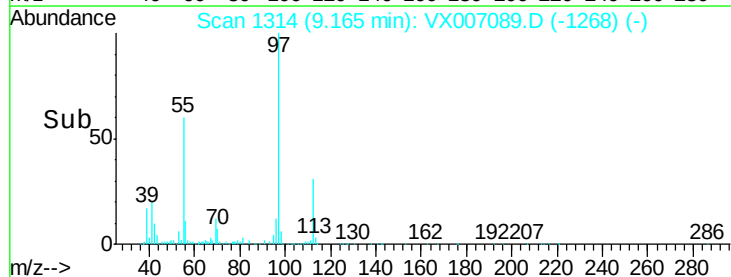
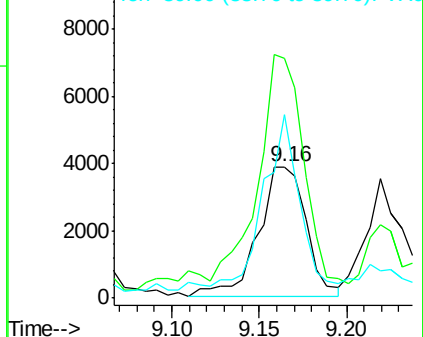
39 105.2 27.0 40.6#

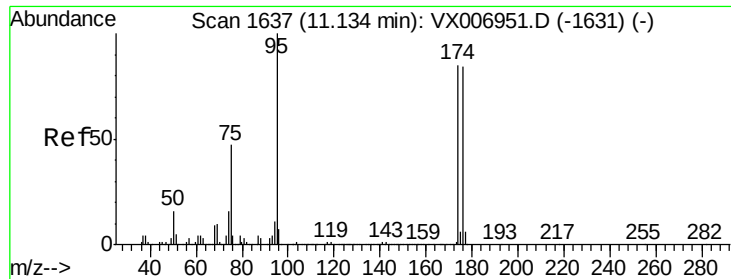


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#62

4-Bromofluorobenzene

Concen: 54.870 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007089.D

Acq: 17 Jan 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

SS038MW004-190115

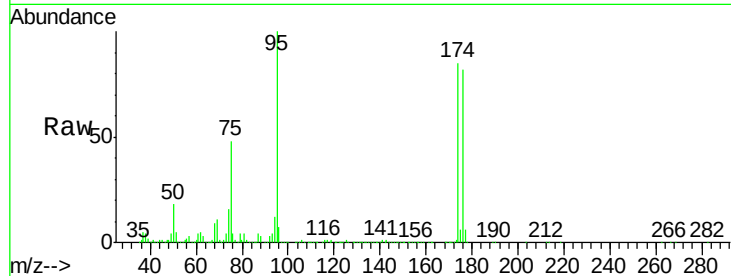
Tot Ion: 95 Resp: 393103

Ion Ratio Lower Upper

95 100

174 92.2 0.0 182.2

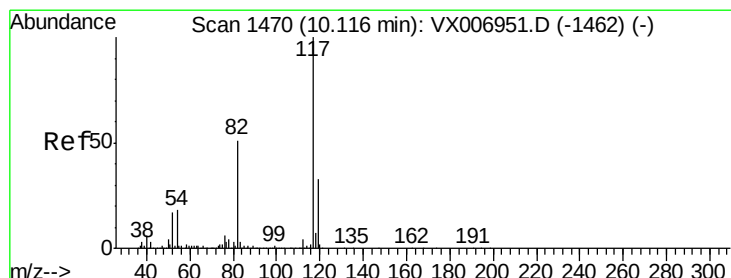
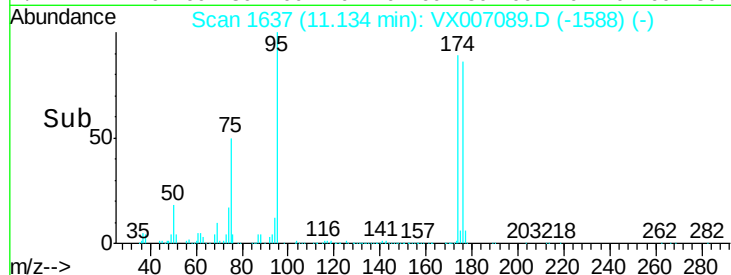
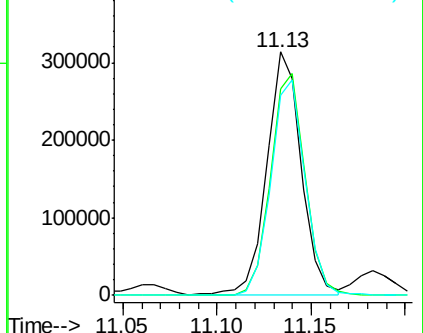
176 89.2 0.0 178.8



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: VX007089.D

Acq: 17 Jan 2019 15:23

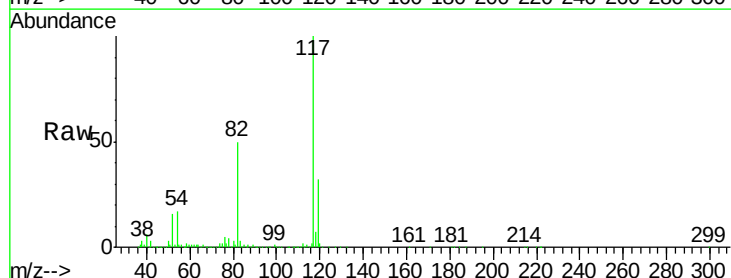
Tgt Ion: 117 Resp: 822027

Ion Ratio Lower Upper

117 100

82 49.5 41.0 61.6

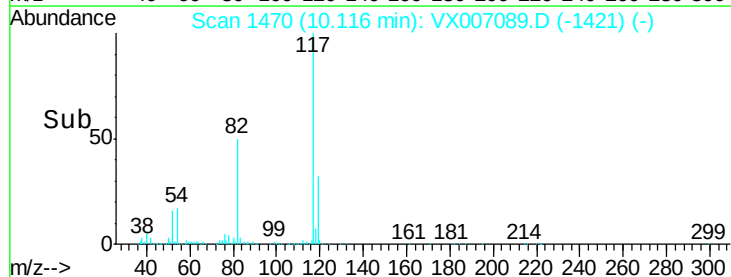
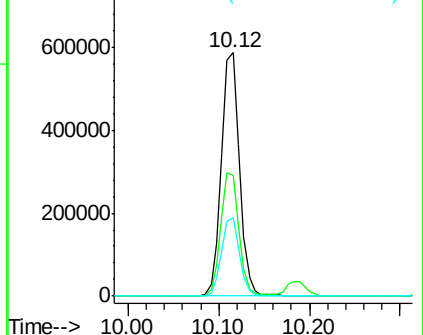
119 32.0 25.4 38.0

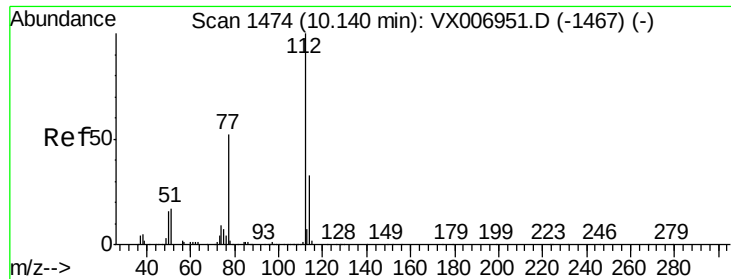


Abundance Ion 116.90 (116.60 to 117.60): VX006951.D (-1462) (-)

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: 26.169 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007089.D

Acq: 17 Jan 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

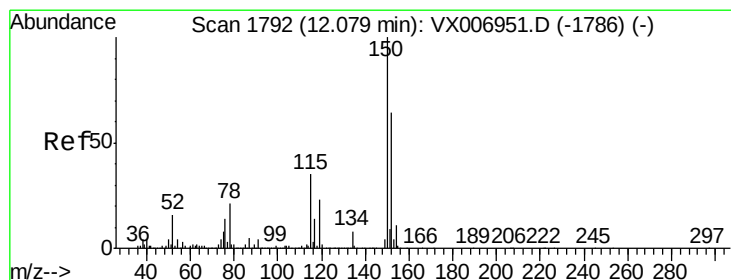
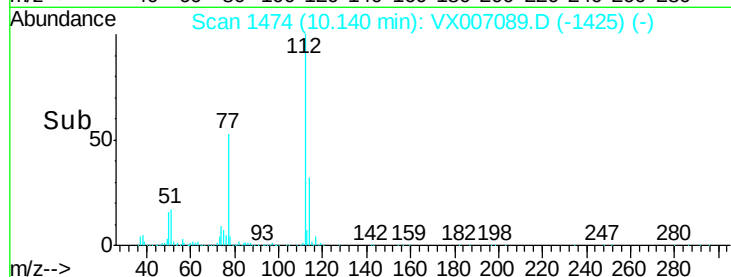
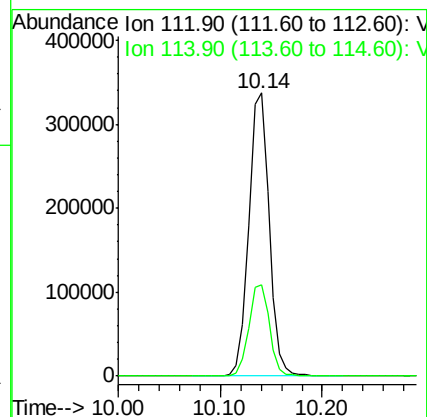
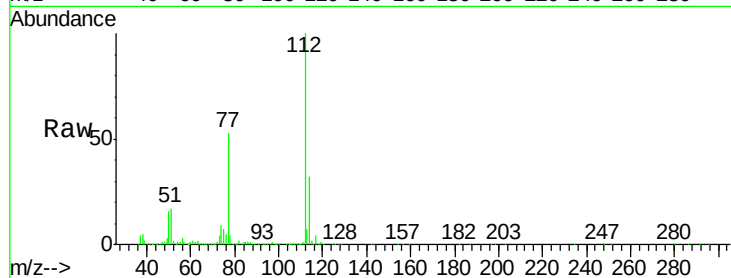
SS038MW004-190115

Tot Ion:112 Resp: 469187

Ion Ratio Lower Upper

112 100

114 32.1 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007089.D

Acq: 17 Jan 2019 15:23

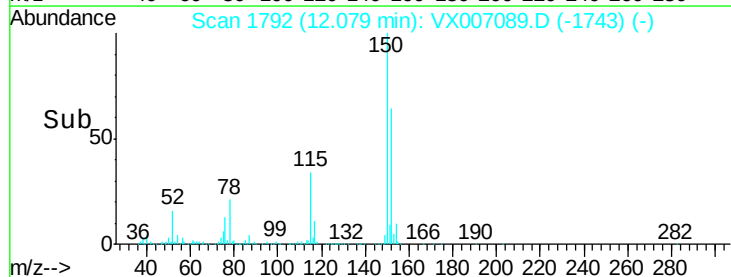
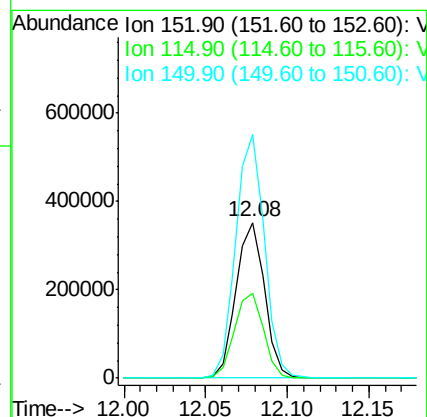
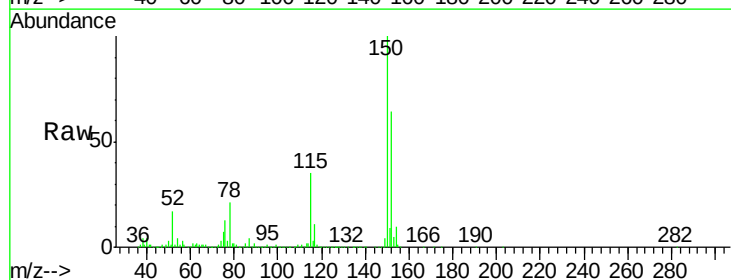
Tgt Ion:152 Resp: 429698

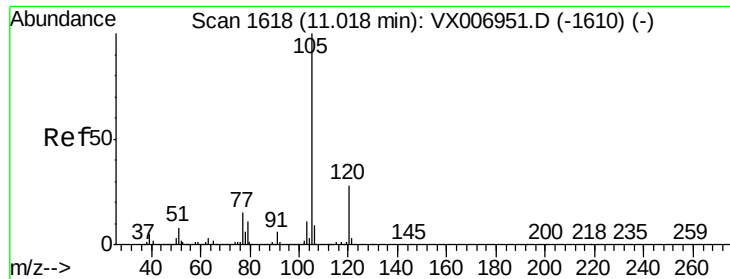
Ion Ratio Lower Upper

152 100

115 55.6 39.1 117.2

150 157.0 0.0 344.8





#73

Isopropylbenzene

Concen: 2.476 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007089.D

Acq: 17 Jan 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

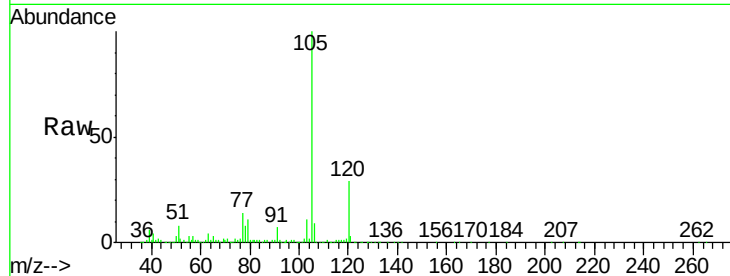
SS038MW004-190115

Tot Ion:105 Resp: 75033

Ion Ratio Lower Upper

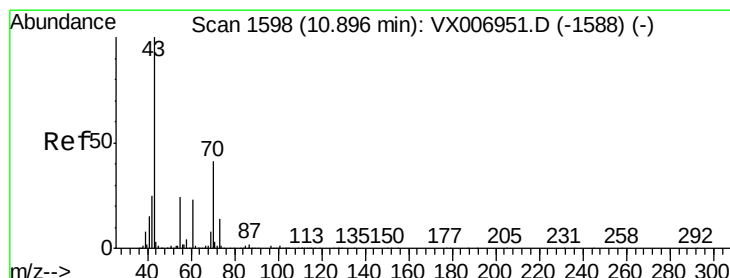
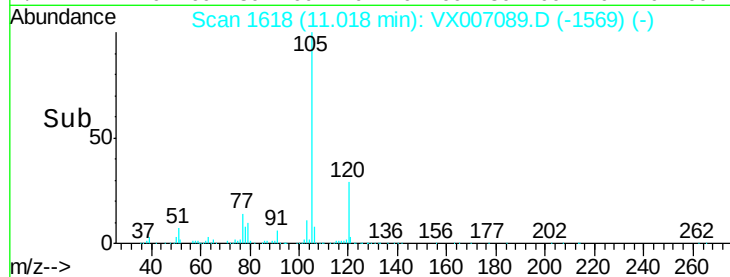
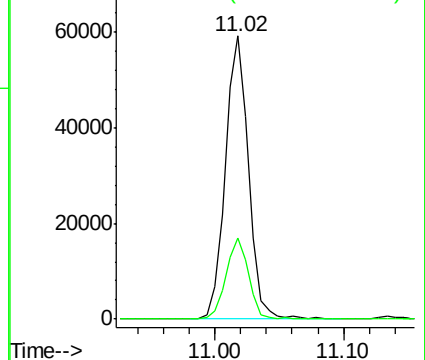
105 100

120 28.2 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: 1.249 ug/l

RT: 10.94 min Scan# 1605

Delta R.T. 0.04 min

Lab File: VX007089.D

Acq: 17 Jan 2019 15:23

Tgt Ion: 43 Resp: 15243

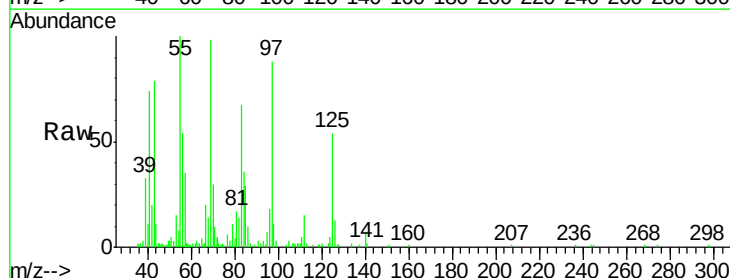
Ion Ratio Lower Upper

43 100

70 34.1 35.8 53.8#

55 0.0 19.4 29.0#

61 0.0 20.1 30.1#

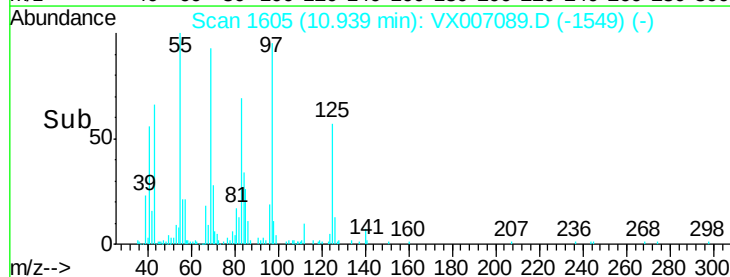
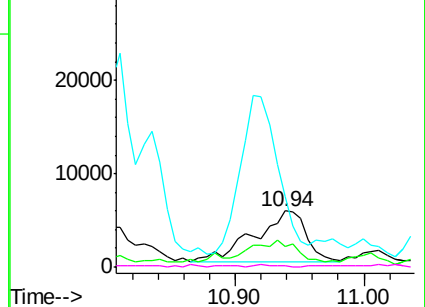


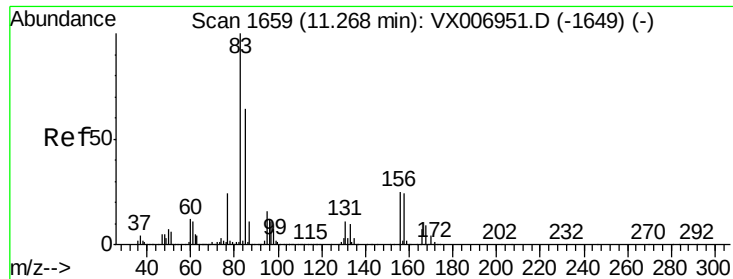
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 1.654 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX007089.D

Acq: 17 Jan 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

SS038MW004-190115

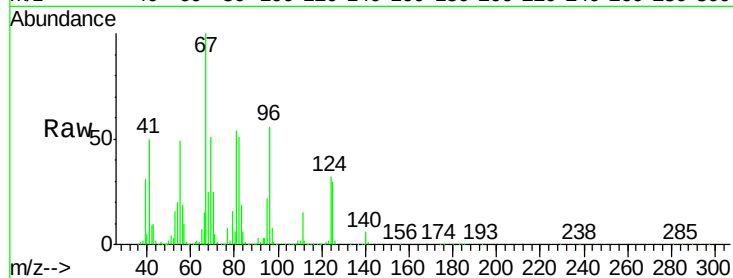
Tot Ion: 83 Resp: 15913

Ion Ratio Lower Upper

83 100

131 0.2 5.7 17.1#

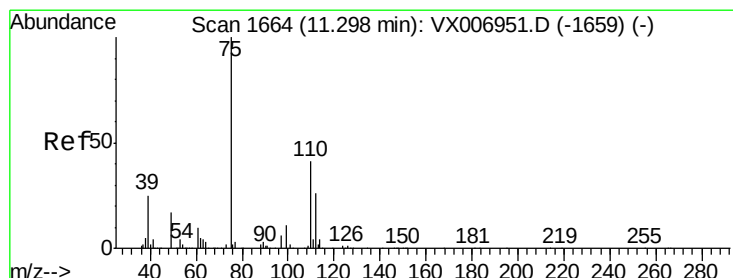
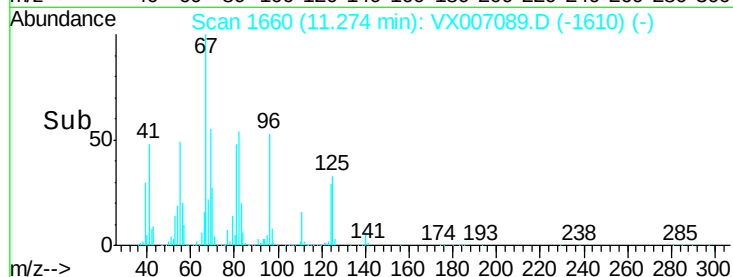
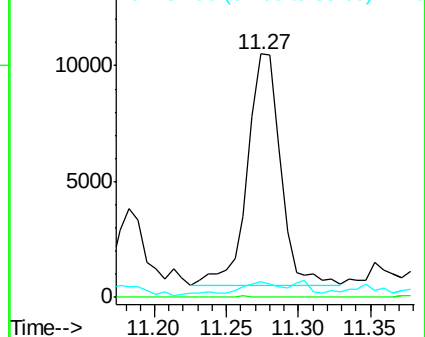
85 7.0 32.2 96.6#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.241 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007089.D

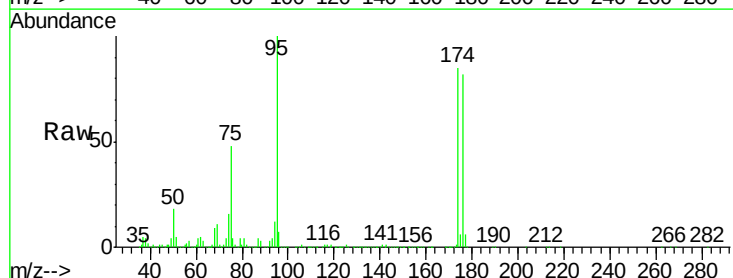
Acq: 17 Jan 2019 15:23

Tgt Ion: 75 Resp: 184955

Ion Ratio Lower Upper

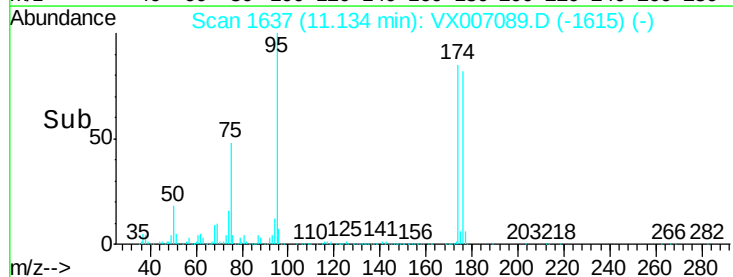
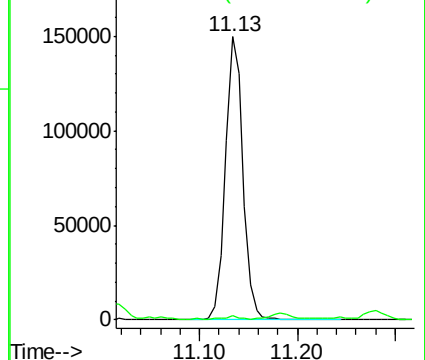
75 100

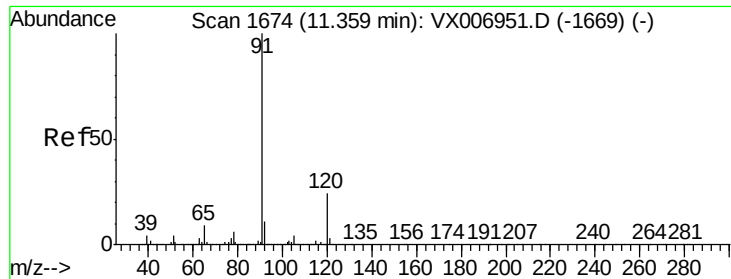
77 1.2 18.5 55.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.375 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007089.D

Acq: 17 Jan 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

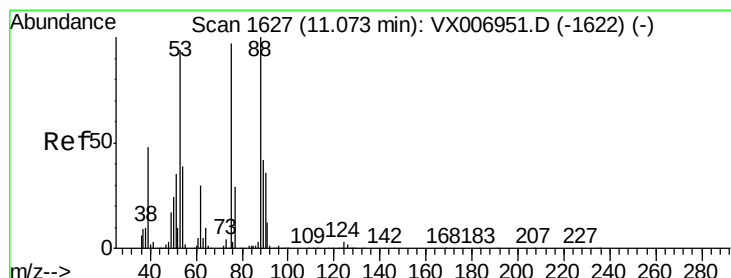
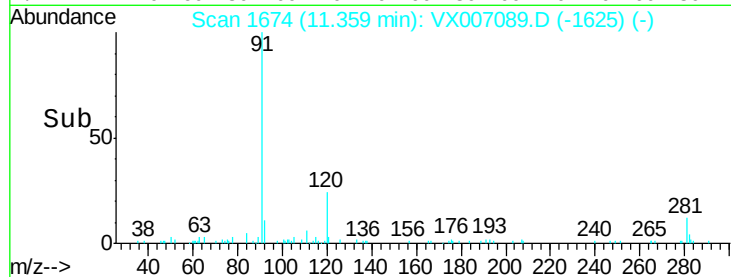
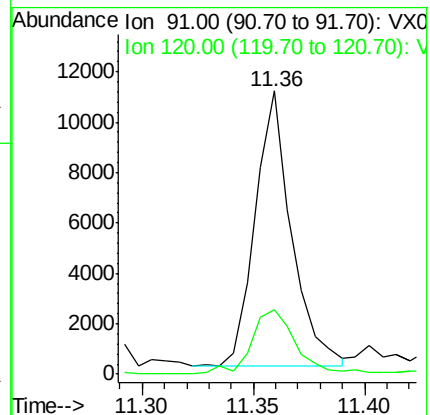
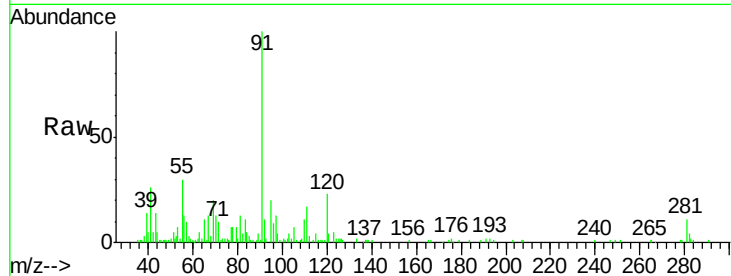
SS038MW004-190115

Tot Ion: 91 Resp: 12470

Ion Ratio Lower Upper

91 100

120 28.9 12.7 38.0



#81

trans-1,4-Dichloro-2-butene

Concen: 63.034 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007089.D

Acq: 17 Jan 2019 15:23

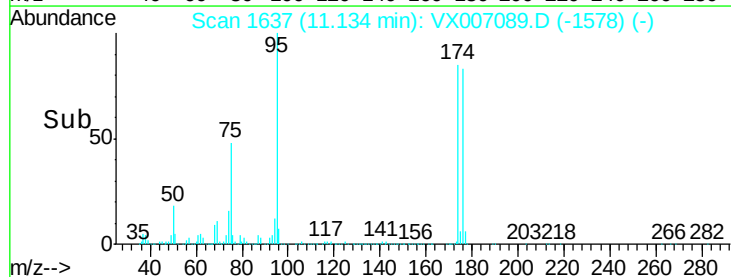
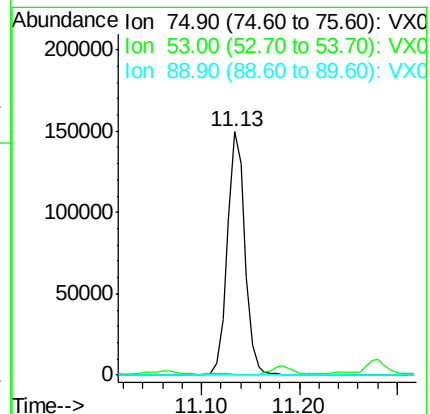
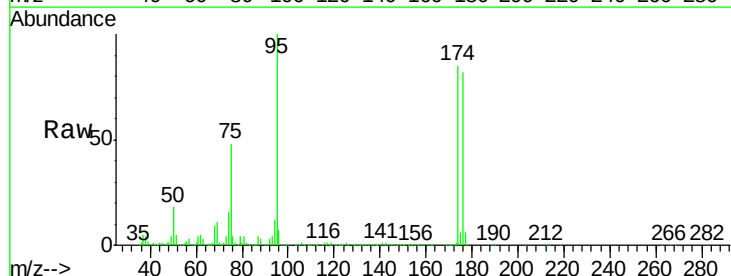
Tgt Ion: 75 Resp: 184955

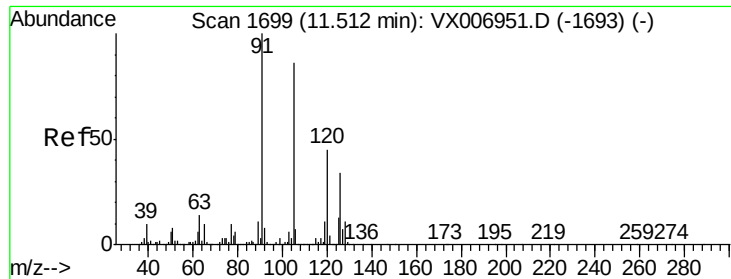
Ion Ratio Lower Upper

75 100

53 0.0 79.7 119.5#

89 0.1 38.0 57.0#





#82

4-Chlorotoluene

Concen: 0.538 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.15 min

Lab File: VX007089.D

Acq: 17 Jan 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

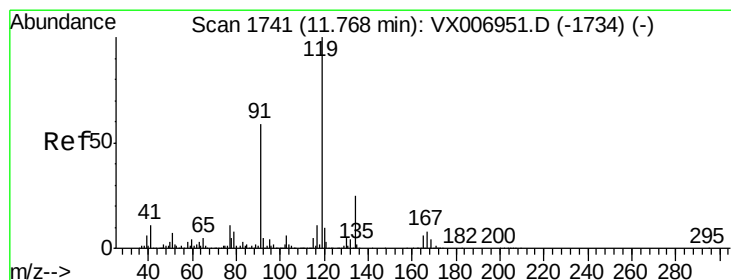
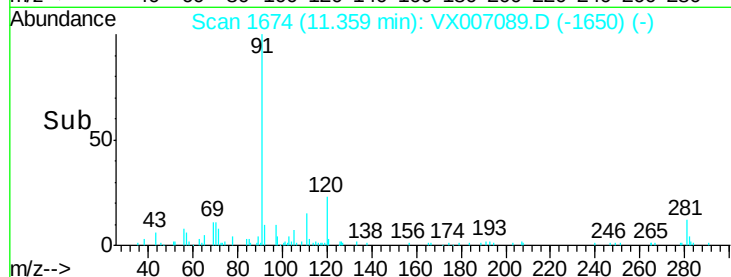
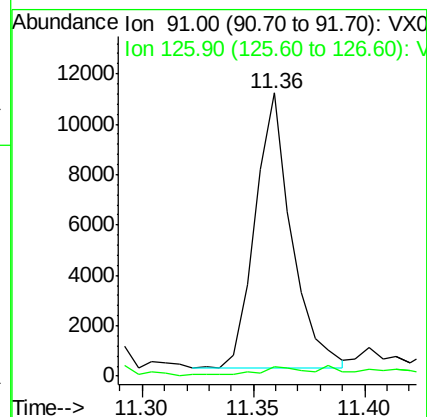
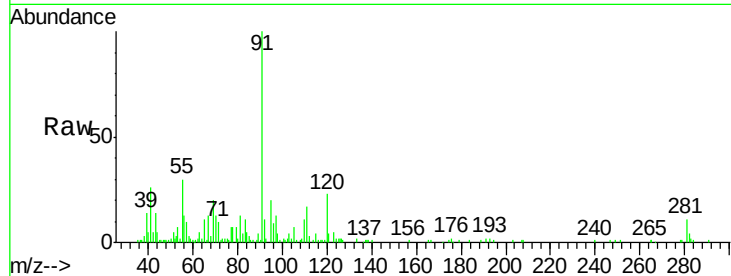
SS038MW004-190115

Tot Ion: 91 Resp: 12470

Ion Ratio Lower Upper

91 100

126 4.8 16.3 48.9#



#83

tert-Butylbenzene

Concen: 6.895 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007089.D

Acq: 17 Jan 2019 15:23

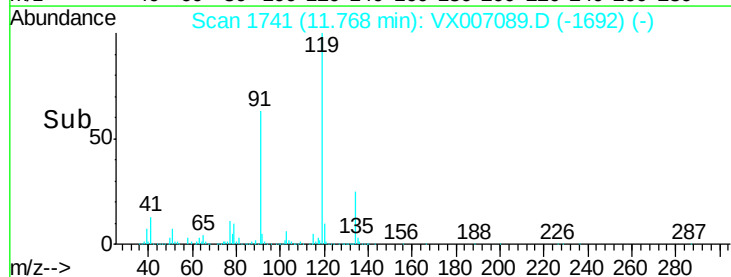
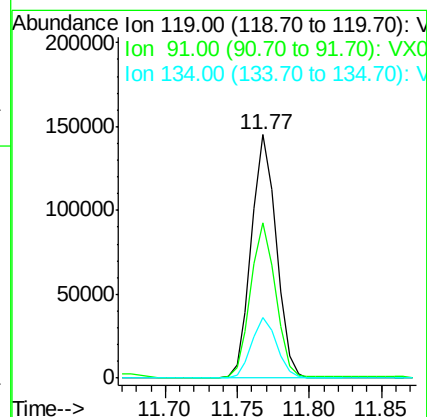
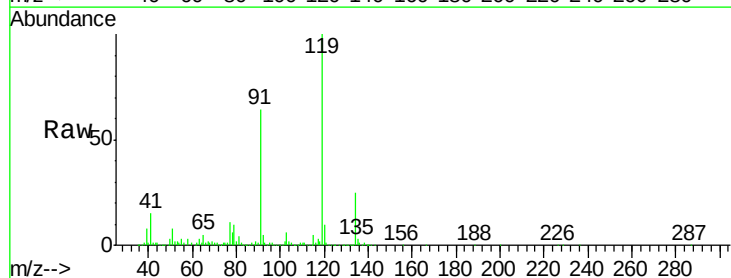
Tgt Ion: 119 Resp: 174170

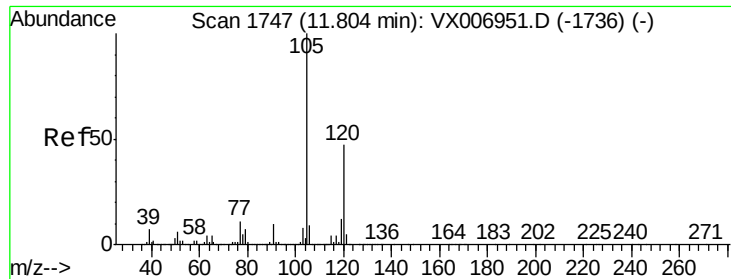
Ion Ratio Lower Upper

119 100

91 64.2 27.7 83.1

134 25.1 11.9 35.5

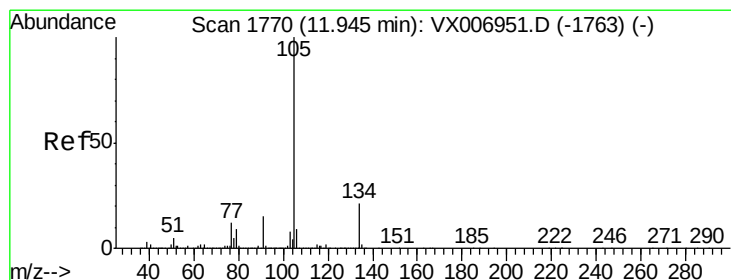
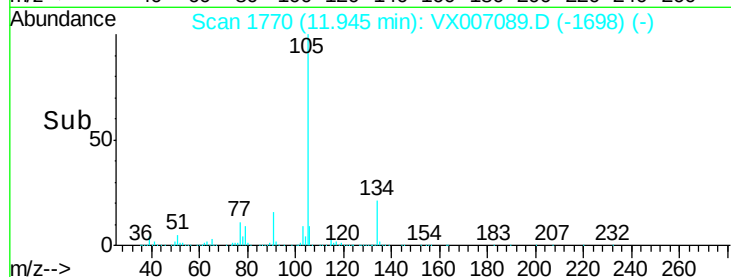
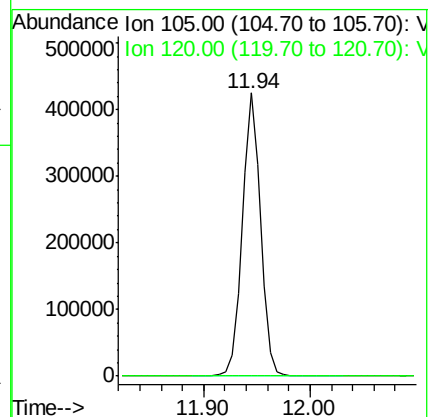
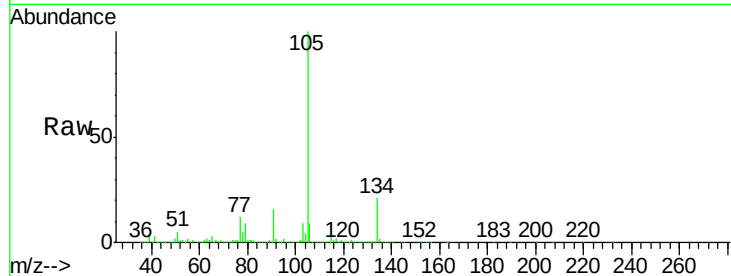




#84
 1,2,4-Trimethylbenzene
 Concen: 20.124 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.14 min
 Lab File: VX007089.D
 Acq: 17 Jan 2019 15:23

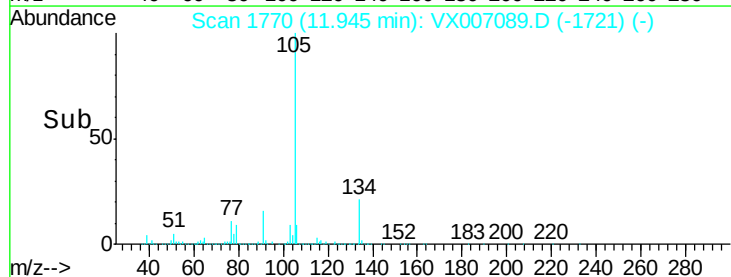
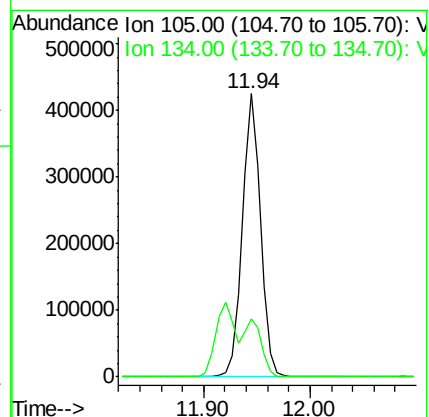
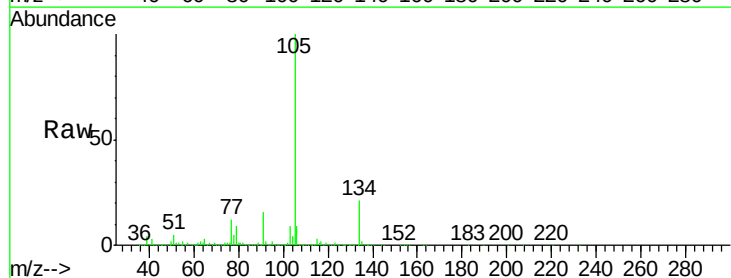
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038MW004-190115

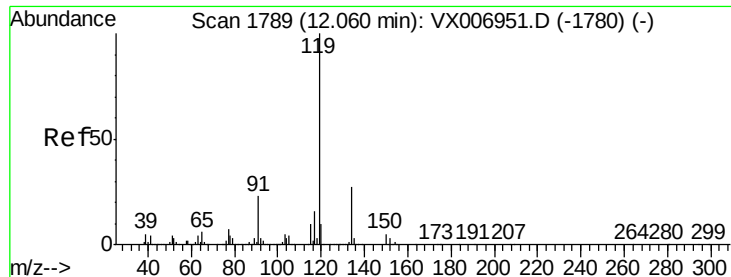
Tot Ion:105 Resp: 512345
 Ion Ratio Lower Upper
 105 100
 120 0.3 23.2 69.6#



#85
 sec-Butylbenzene
 Concen: 16.983 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX007089.D
 Acq: 17 Jan 2019 15:23

Tgt Ion:105 Resp: 512345
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.7 31.9

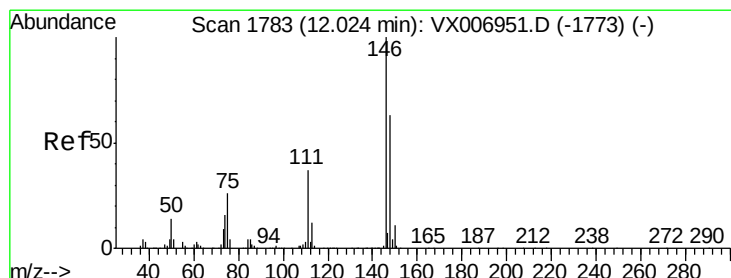
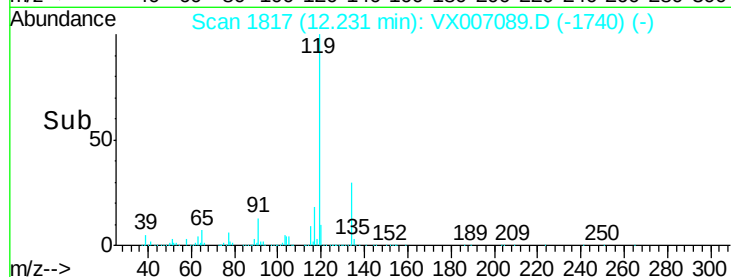
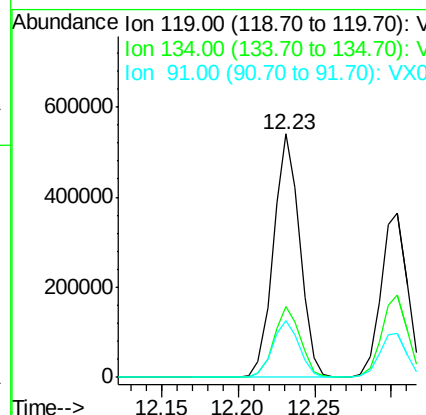
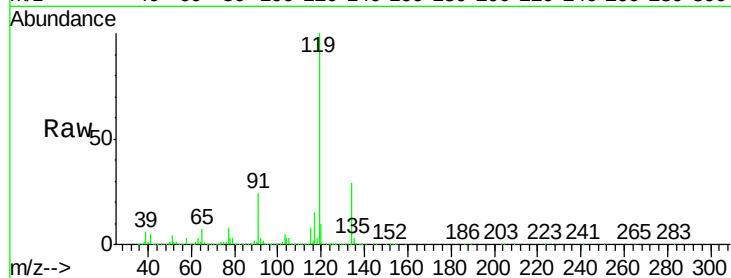




#86
 p-Isopropyltoluene
 Concen: 24.018 ug/l
 RT: 12.23 min Scan# 1817
 Delta R.T. 0.17 min
 Lab File: VX007089.D
 Acq: 17 Jan 2019 15:23

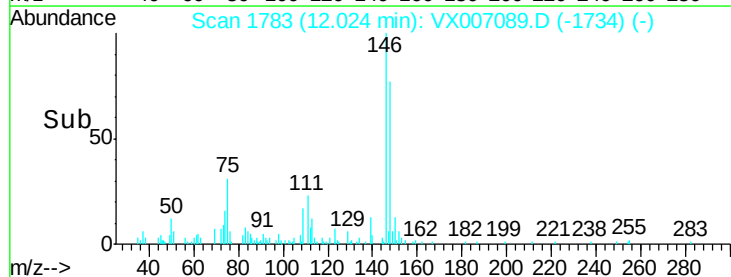
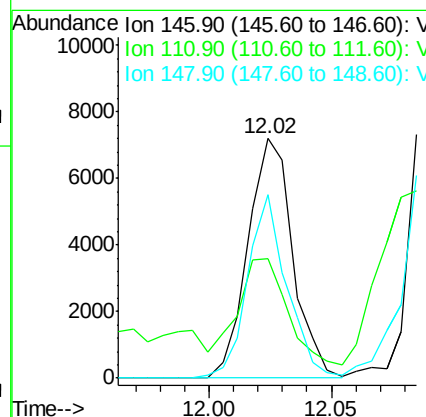
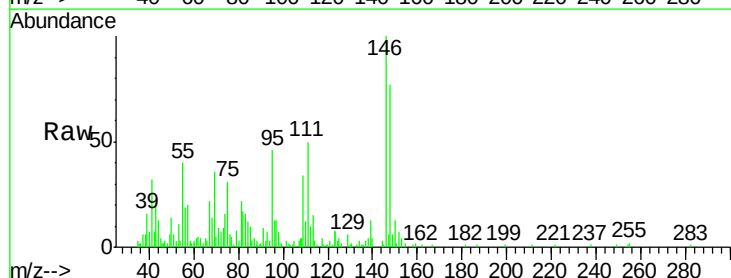
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038MW004-190115

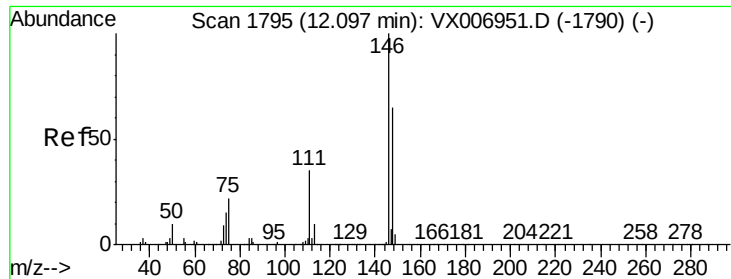
Tot Ion	Ratio	Lower	Upper
119	100		
134	28.9	14.0	41.9
91	23.5	11.3	33.9



#87
 1,3-Dichlorobenzene
 Concen: 0.608 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007089.D
 Acq: 17 Jan 2019 15:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	50.0	18.6	55.8
148	67.2	31.8	95.3





#88

1,4-Dichlorobenzene

Concen: 0.784 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.07 min

Lab File: VX007089.D

Acq: 17 Jan 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

SS038MW004-190115

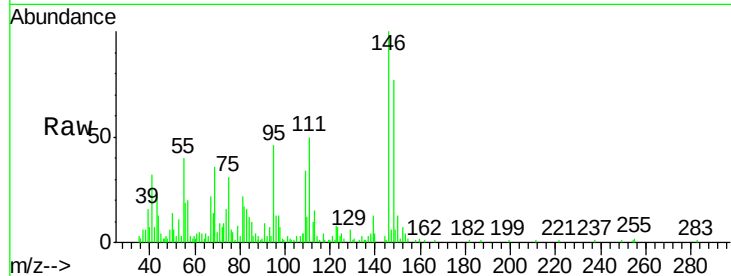
Tot Ion:146 Resp: 9168

Ion Ratio Lower Upper

146 100

111 50.8 18.1 54.1

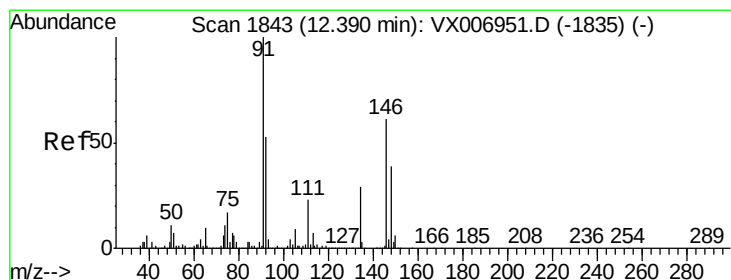
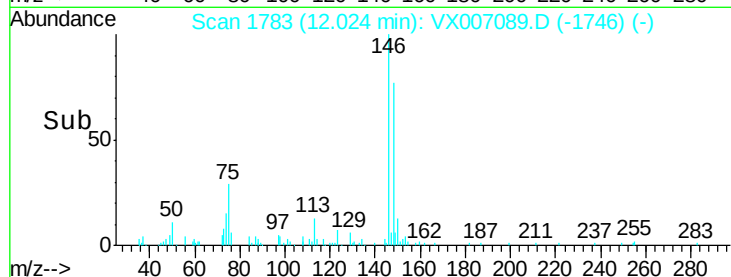
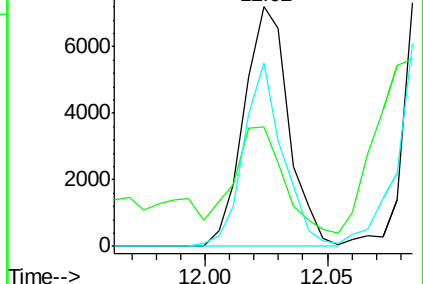
148 67.2 31.9 95.9



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: 1.887 ug/l

RT: 12.37 min Scan# 1839

Delta R.T. -0.02 min

Lab File: VX007089.D

Acq: 17 Jan 2019 15:23

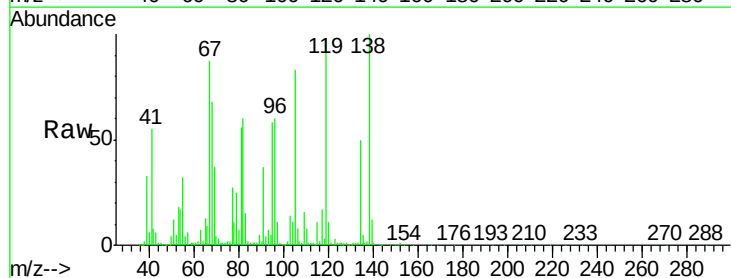
Tgt Ion: 91 Resp: 43400

Ion Ratio Lower Upper

91 100

92 0.0 26.8 80.4#

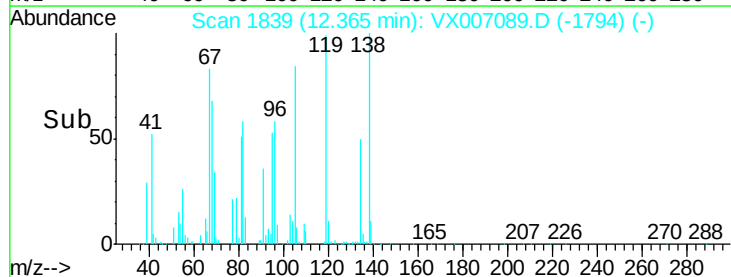
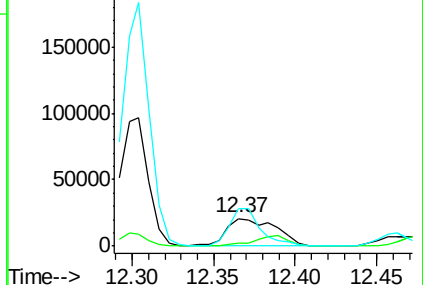
134 87.3 14.4 43.2#

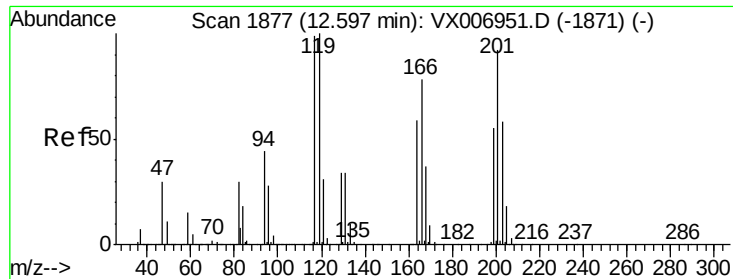


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 61.506 ug/l

RT: 12.67 min Scan# 1889

Delta R.T. 0.07 min

Lab File: VX007089.D

Acq: 17 Jan 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

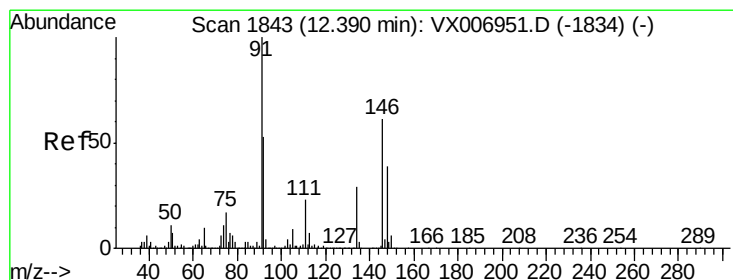
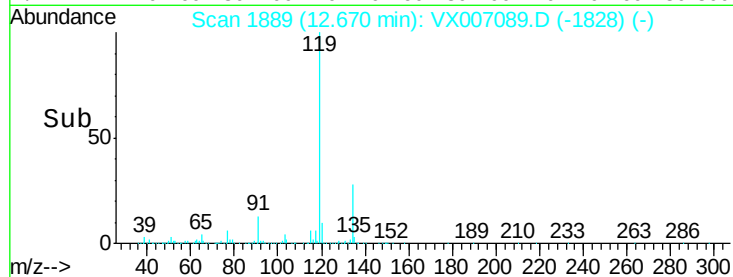
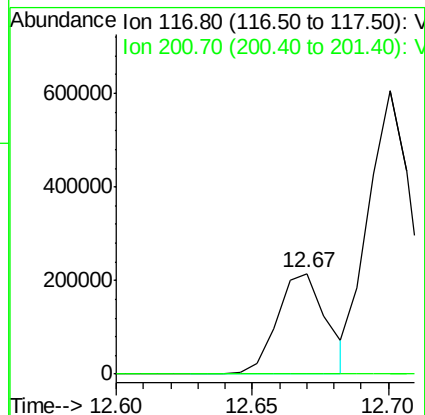
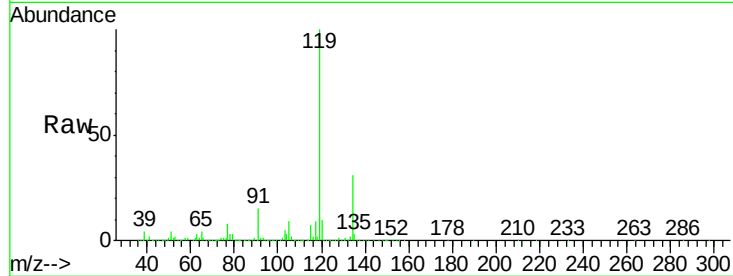
SS038MW004-190115

Tot Ion:117 Resp: 268016

Ion Ratio Lower Upper

117 100

201 0.0 42.9 128.7#



#91

1,2-Dichlorobenzene

Concen: 0.441 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007089.D

Acq: 17 Jan 2019 15:23

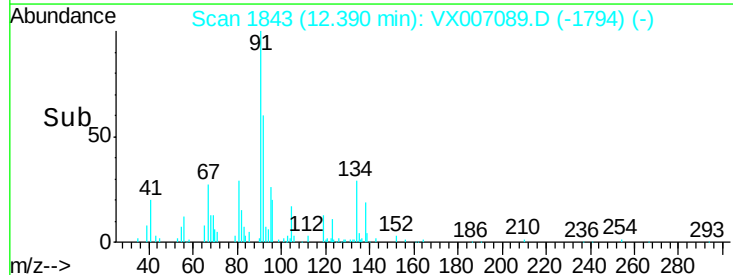
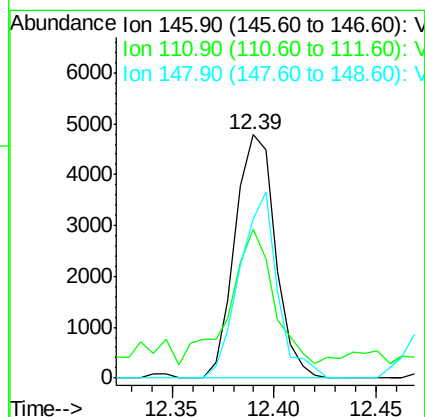
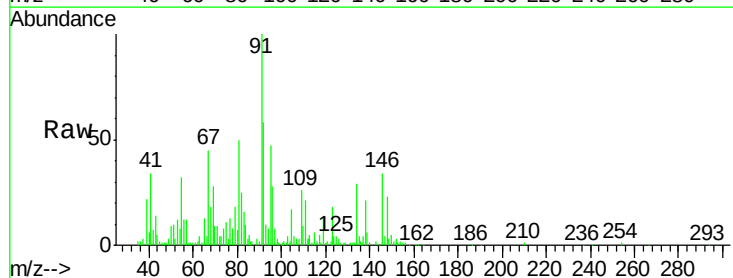
Tgt Ion:146 Resp: 6570

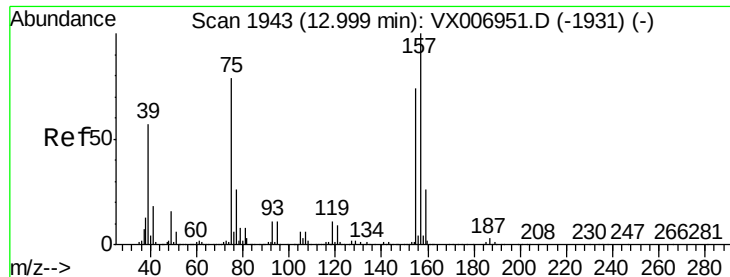
Ion Ratio Lower Upper

146 100

111 59.4 19.4 58.2#

148 71.7 32.3 96.9





#92

1,2-Dibromo-3-Chloropropane

Concen: 5.324 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX007089.D

Acq: 17 Jan 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

SS038MW004-190115

Tot Ion: 75 Resp: 10129

Ion Ratio Lower Upper

75 100

155 0.0 50.6 151.8#

157 0.7 64.6 193.8#

