

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011819\
 Data File : VX007137.D
 Acq On : 18 Jan 2019 16:15
 Operator : JC/SP
 Sample : K1195-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW036-190116

Quant Time: Jan 18 21:52:13 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	545908	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	838203	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	795377	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	398140	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	291425	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
35) Dibromofluoromethane	5.51	113	259764	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
50) Toluene-d8	8.71	98	1019580	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
62) 4-Bromofluorobenzene	11.13	95	363585	53.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.16%	

Target Compounds					Qvalue	
3) Chloromethane	1.33	50	1365	0.262	ug/l	96
4) Vinyl Chloride	1.41	62	6832	1.217	ug/l #	28
6) Chloroethane	1.83	64	1905	0.486	ug/l #	79
11) Tert butyl alcohol	3.07	59	4985	3.704	ug/l #	77
13) Acrolein	2.31	56	131	3.307	ug/l #	13
16) Acetone	2.45	43	2952	1.047	ug/l	91
20) Methylene Chloride	2.85	84	1413	Below Cal	#	49
25) 2-Butanone	4.71	43	996	0.247	ug/l #	47
27) cis-1,2-Dichloroethene	4.60	96	14047	2.278	ug/l	93
36) 1,1-Dichloropropene	5.67	75	34755	4.769	ug/l #	51
38) Carbon Tetrachloride	5.67	117	48509	6.616	ug/l #	14
39) Methylcyclohexane	7.45	83	9479	1.020	ug/l #	44
40) Benzene	6.15	78	14071	0.633	ug/l	98
43) Isopropyl Acetate	6.34	43	27326	2.217	ug/l #	60
48) Methyl methacrylate	7.85	41	4057	0.641	ug/l #	82
49) 1,4-Dioxane	7.72	88	20	Below Cal	#	1
51) 4-Methyl-2-Pentanone	8.68	43	3791	0.479	ug/l #	36
52) Toluene	8.79	92	3496	0.245	ug/l	85
55) 1,1,2-Trichloroethane	9.16	97	7380	1.290	ug/l #	22
56) Ethyl methacrylate	9.16	69	2040	0.244	ug/l #	45
59) 2-Hexanone	9.30	43	4302	0.713	ug/l	87
65) Chlorobenzene	10.14	112	3529463	203.456	ug/l	98
73) Isopropylbenzene	11.02	105	34829	1.241	ug/l	97
74) N-ethyl acetate	10.94	43	3680	0.326	ug/l #	72
75) 1,1,2,2-Tetrachloroethane	11.28	83	3094	0.347	ug/l #	26
76) 1,2,3-Trichloropropane	11.13	75	175481	21.750	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	175481	64.455	ug/l #	10
83) tert-Butylbenzene	11.77	119	82687	3.533	ug/l	89
85) sec-Butylbenzene	11.94	105	76533	2.738	ug/l #	55
86) p-Isopropyltoluene	12.23	119	340564	13.621	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	4027	0.288	ug/l	80
88) 1,4-Dichlorobenzene	12.02	146	4027	0.448	ug/l	79
89) n-Butylbenzene	12.37	91	6482	0.304	ug/l #	39
90) Hexachloroethane	12.70	117	80244	21.843	ug/l #	6

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QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

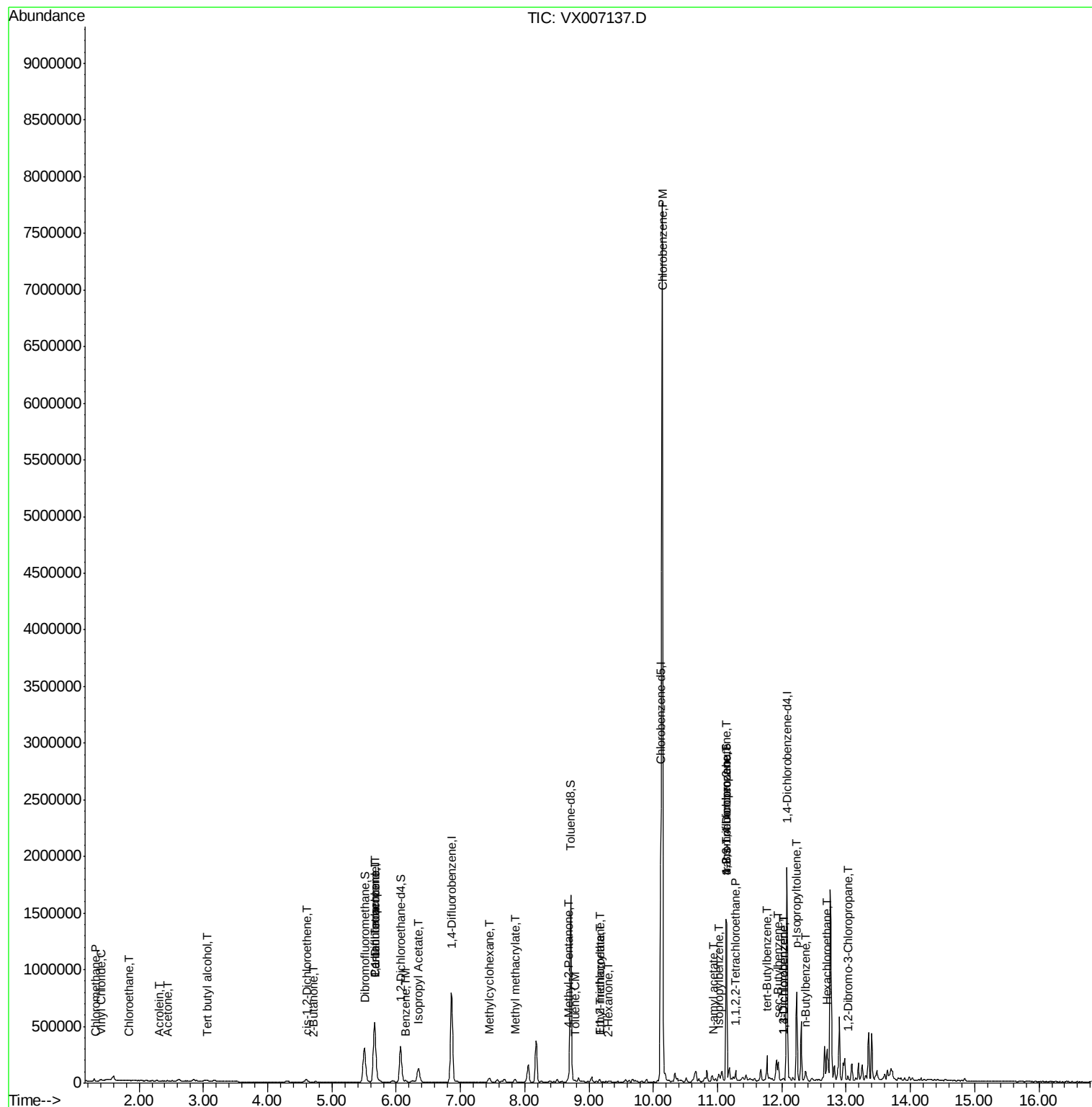
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	13.02	75	460	0.261	ug/l #	1

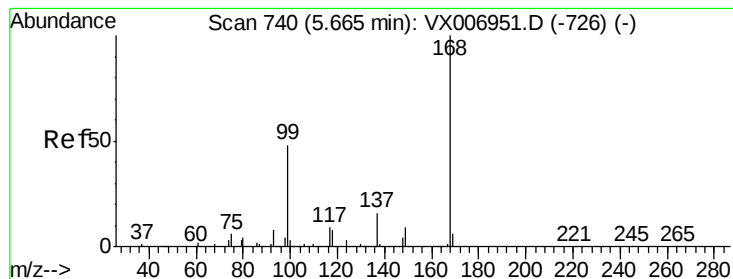
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007137.D

Acq: 18 Jan 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

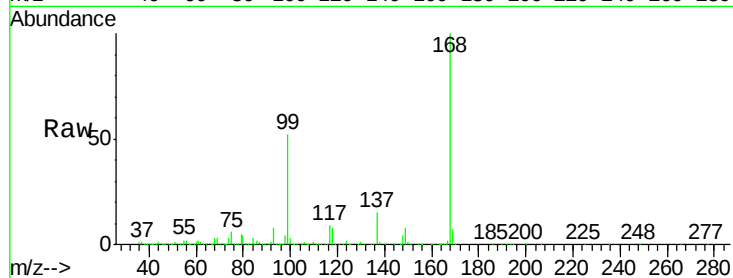
SS037MW036-190116

Tot Ion:168 Resp: 545908

Ion Ratio Lower Upper

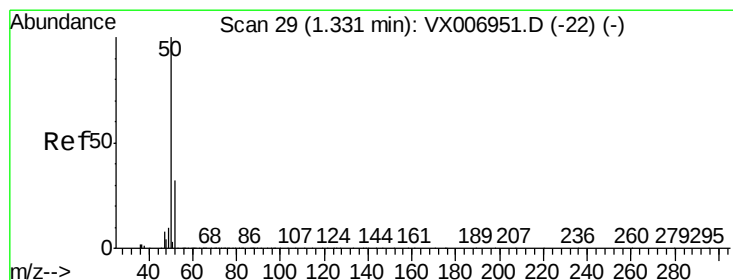
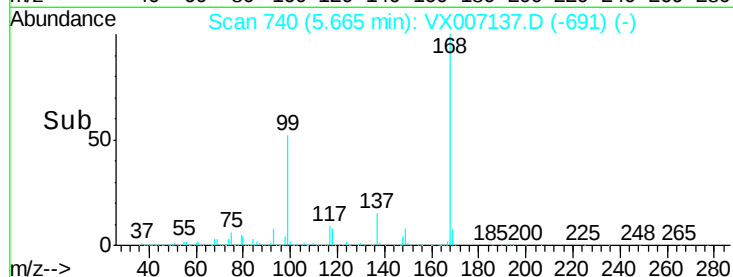
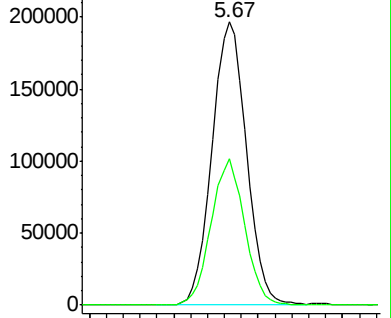
168 100

99 51.8 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.262 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007137.D

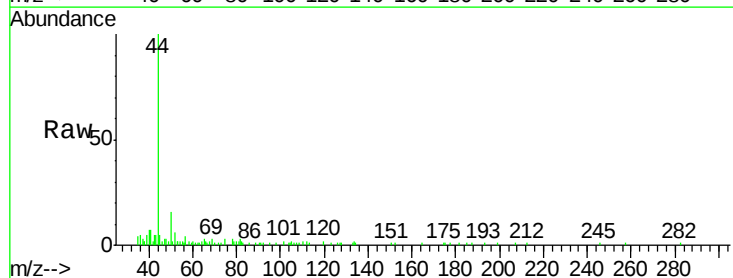
Acq: 18 Jan 2019 16:15

Tgt Ion: 50 Resp: 1365

Ion Ratio Lower Upper

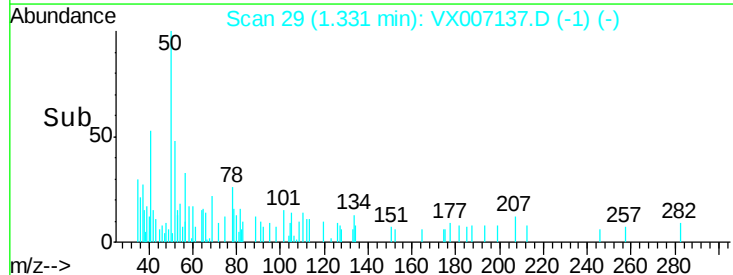
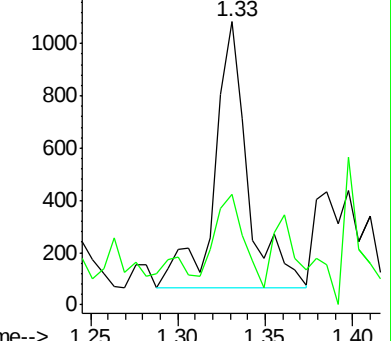
50 100

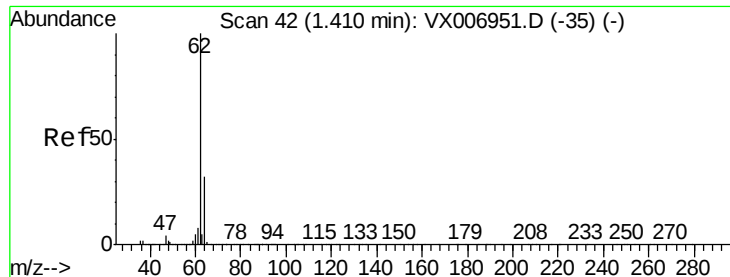
52 29.8 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 1.217 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007137.D

Acq: 18 Jan 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

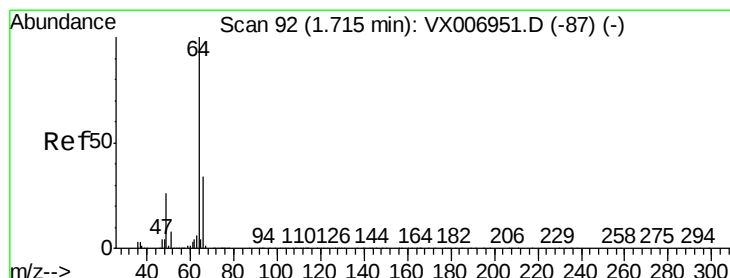
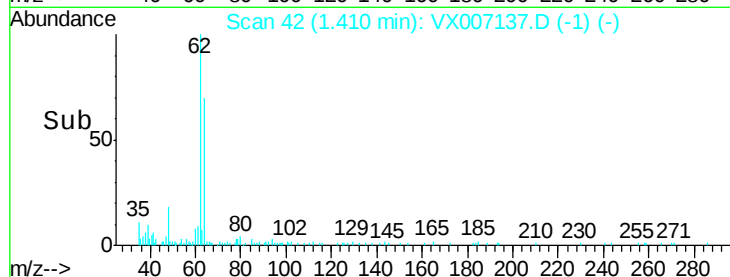
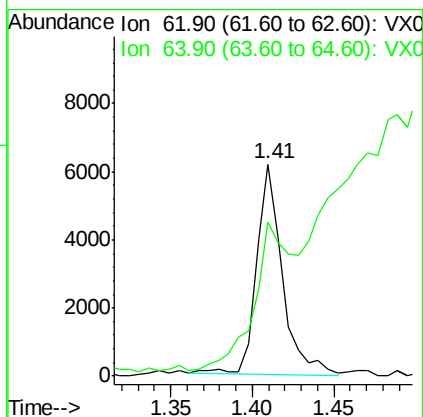
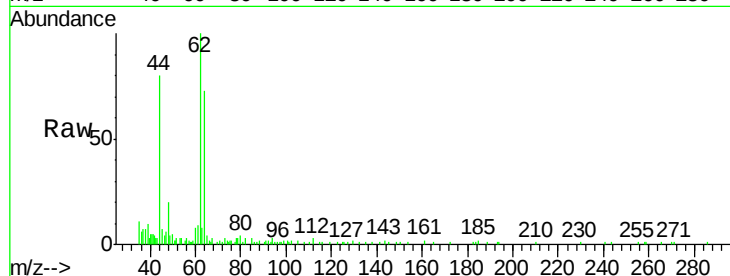
SS037MW036-190116

Tot Ion: 62 Resp: 6832

Ion Ratio Lower Upper

62 100

64 71.1 25.1 37.7#



#6

Chloroethane

Concen: 0.486 ug/l

RT: 1.83 min Scan# 111

Delta R.T. 0.12 min

Lab File: VX007137.D

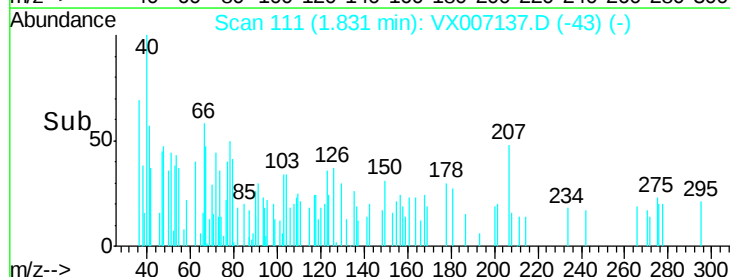
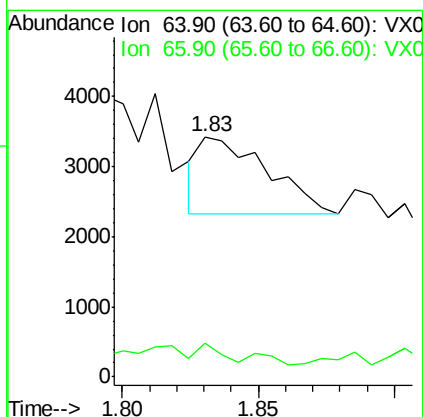
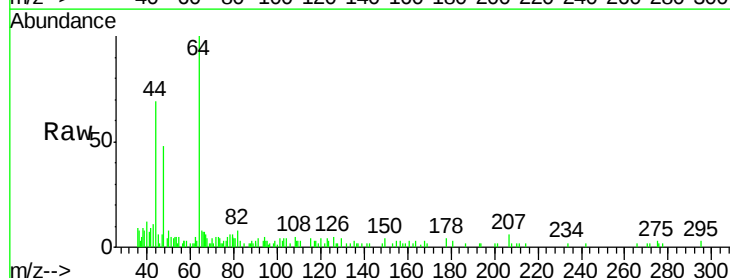
Acq: 18 Jan 2019 16:15

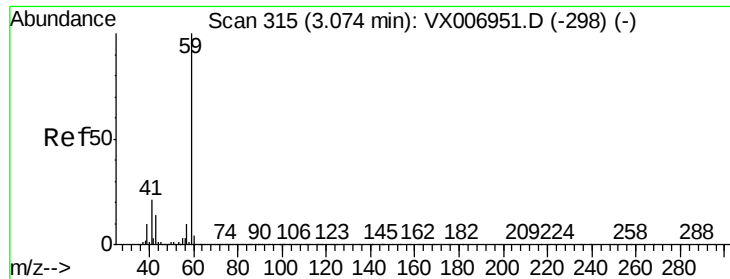
Tgt Ion: 64 Resp: 1905

Ion Ratio Lower Upper

64 100

66 21.1 26.4 39.6#

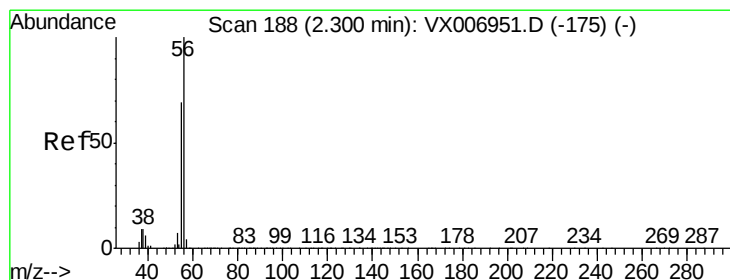
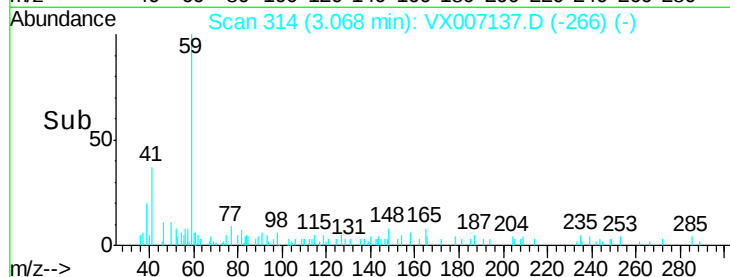
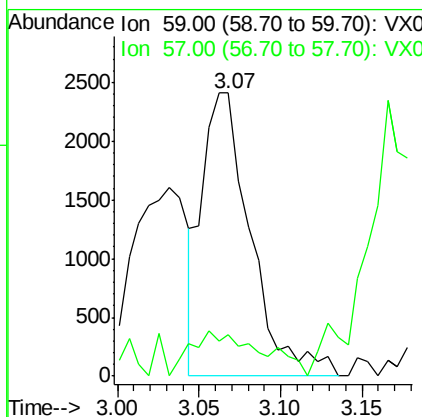
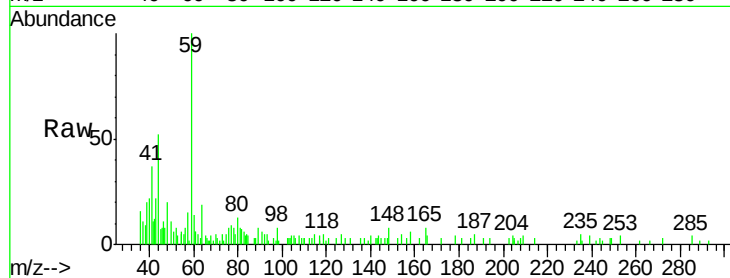




#11
Tert butyl alcohol
Concen: 3.704 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007137.D
Acq: 18 Jan 2019 16:15

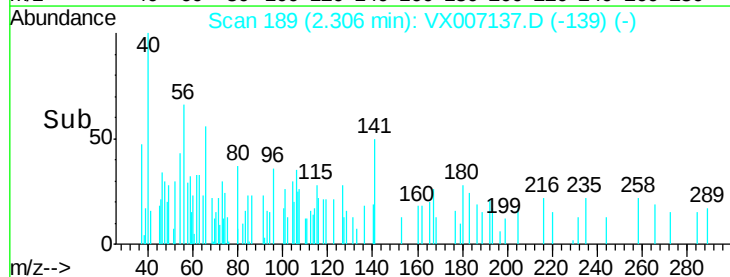
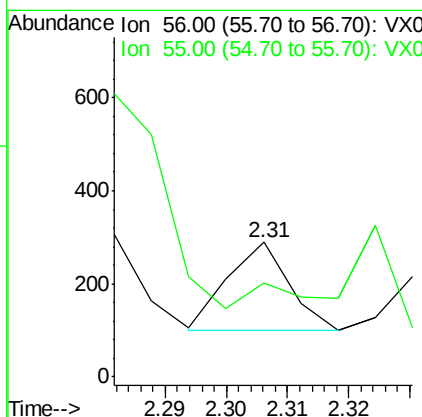
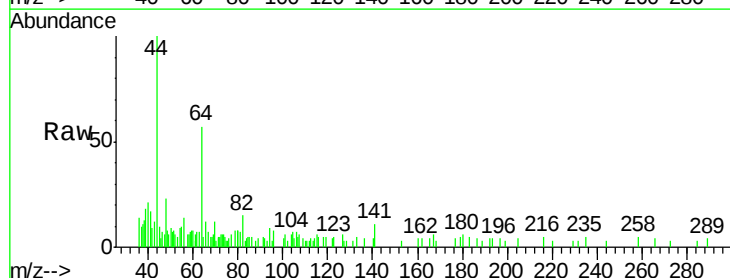
Instrument :
MSVOA_X
ClientSampleId :
SS037MW036-190116

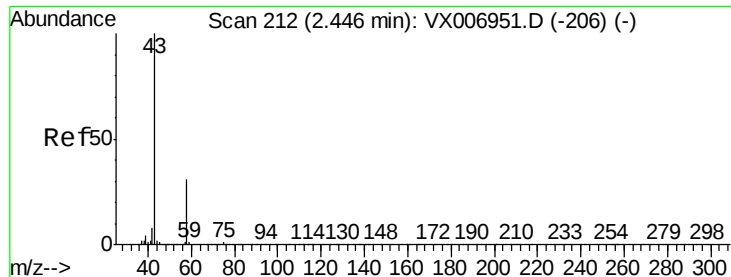
Tot Ion: 59 Resp: 4985
Ion Ratio Lower Upper
59 100
57 19.1 8.5 12.7#



#13
Acrolein
Concen: 3.307 ug/l
RT: 2.31 min Scan# 189
Delta R.T. 0.01 min
Lab File: VX007137.D
Acq: 18 Jan 2019 16:15

Tgt Ion: 56 Resp: 131
Ion Ratio Lower Upper
56 100
55 0.0 58.2 87.4#

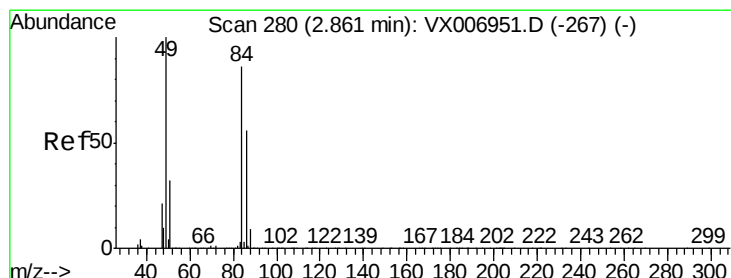
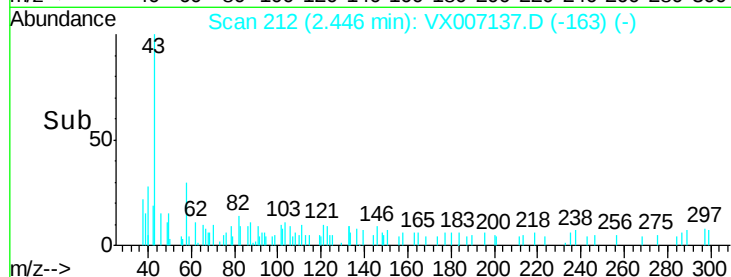
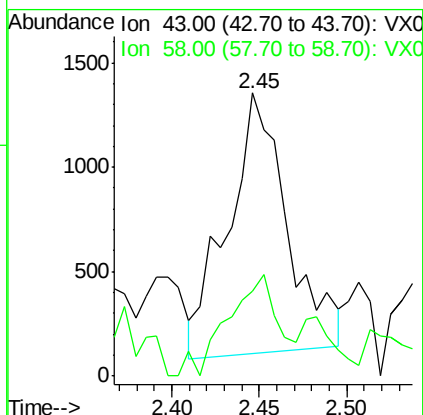
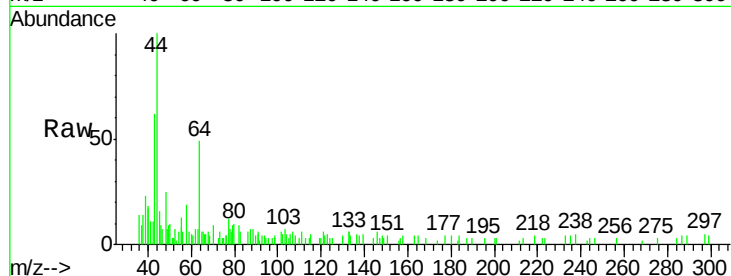




#16
Acetone
Concen: 1.047 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX007137.D
Acq: 18 Jan 2019 16:15

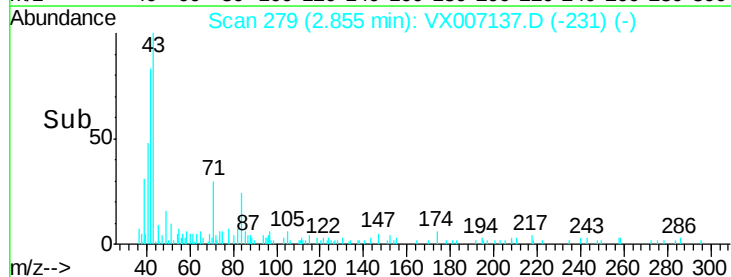
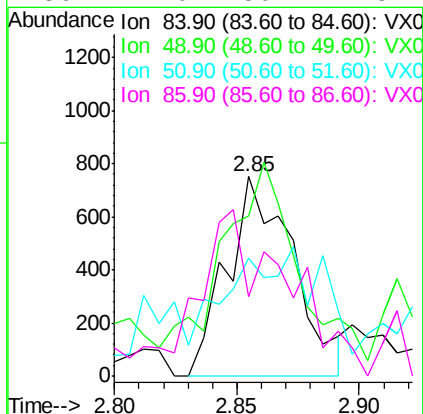
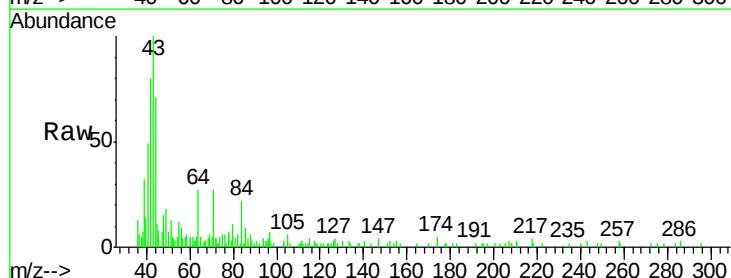
Instrument :
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ClientSampleId :
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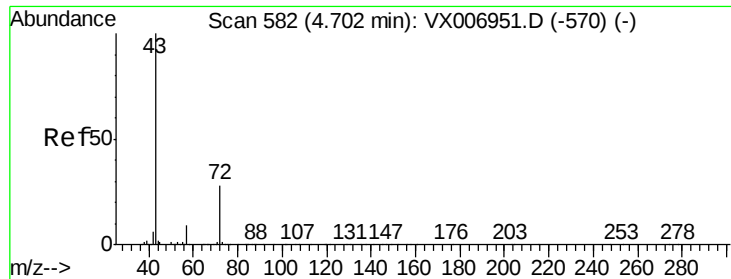
Tot Ion: 43 Resp: 2952
Ion Ratio Lower Upper
43 100
58 26.2 25.0 37.6



#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007137.D
Acq: 18 Jan 2019 16:15

Tgt Ion: 84 Resp: 1413
Ion Ratio Lower Upper
84 100
49 50.9 91.8 137.6#
51 43.8 28.5 42.7#
86 17.0 50.2 75.2#





#25

2-Butanone

Concen: 0.247 ug/l

RT: 4.71 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX007137.D

Acq: 18 Jan 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

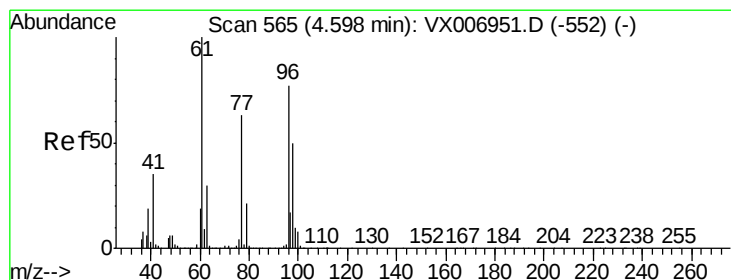
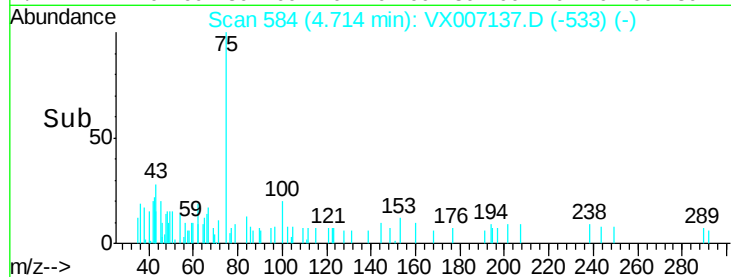
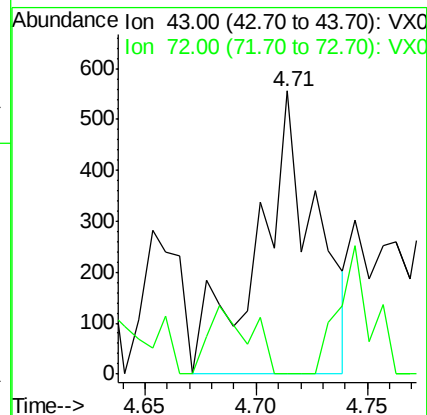
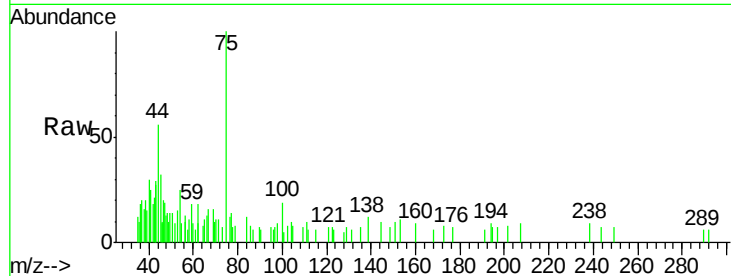
SS037MW036-190116

Tot Ion: 43 Resp: 996

Ion Ratio Lower Upper

43 100

72 0.0 22.4 33.6#



#27

cis-1,2-Dichloroethene

Concen: 2.278 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX007137.D

Acq: 18 Jan 2019 16:15

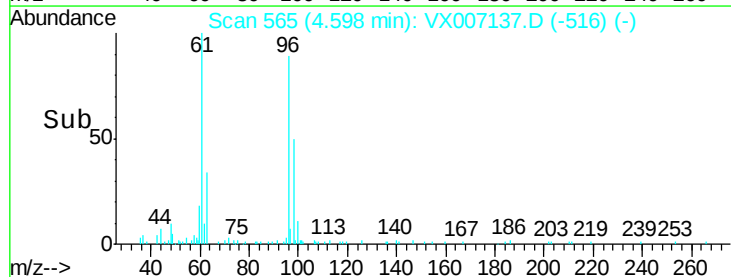
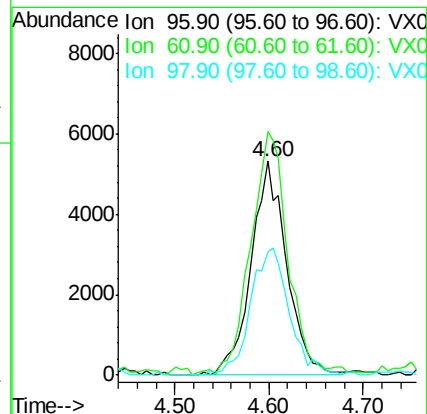
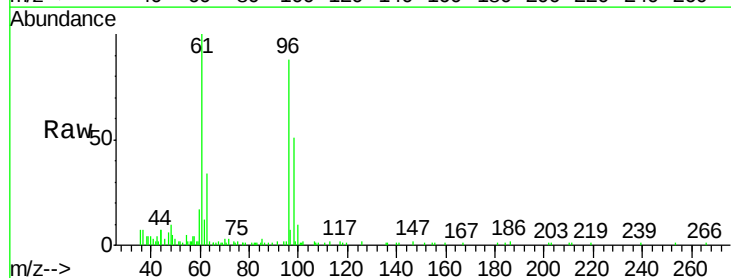
Tgt Ion: 96 Resp: 14047

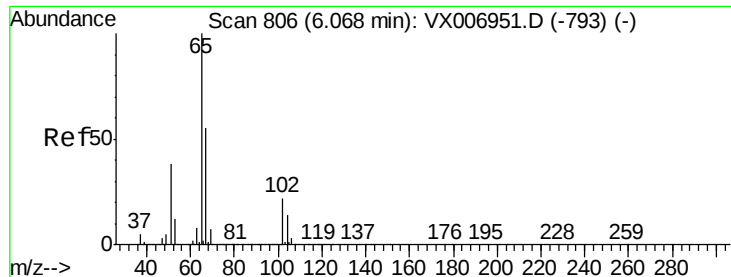
Ion Ratio Lower Upper

96 100

61 118.8 0.0 258.6

98 64.7 0.0 132.0





#33

1,2-Dichloroethane-d4

Concen: 51.081 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007137.D

Acq: 18 Jan 2019 16:15

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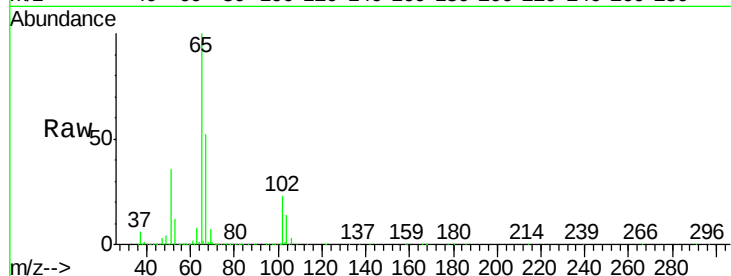
SS037MW036-190116

Tot Ion: 65 Resp: 291425

Ion Ratio Lower Upper

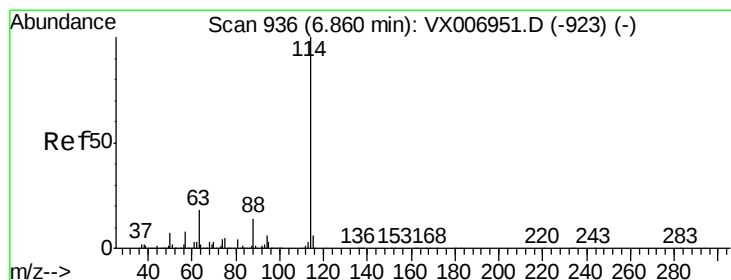
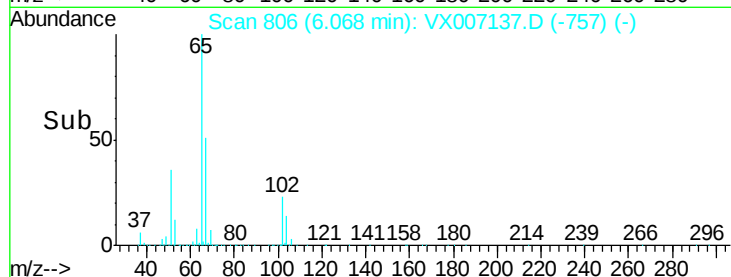
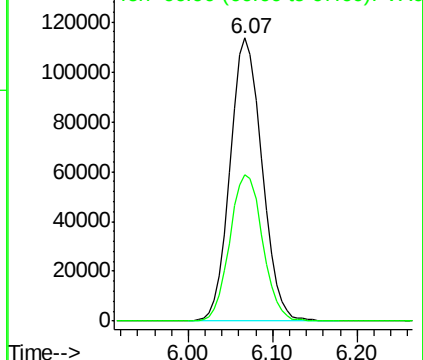
65 100

67 53.3 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007137.D

Acq: 18 Jan 2019 16:15

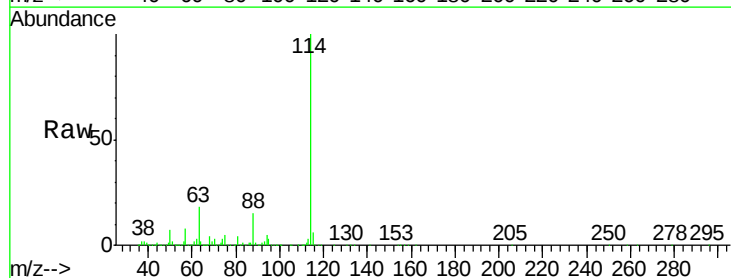
Tgt Ion: 114 Resp: 838203

Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.8

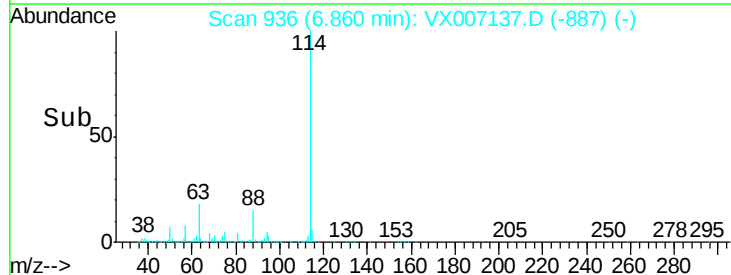
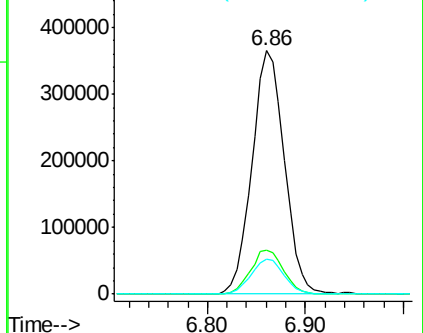
88 14.5 0.0 28.8

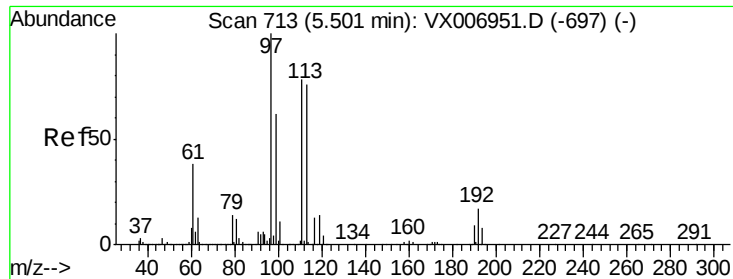


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

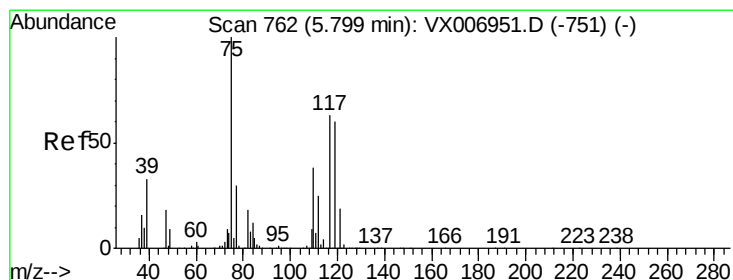
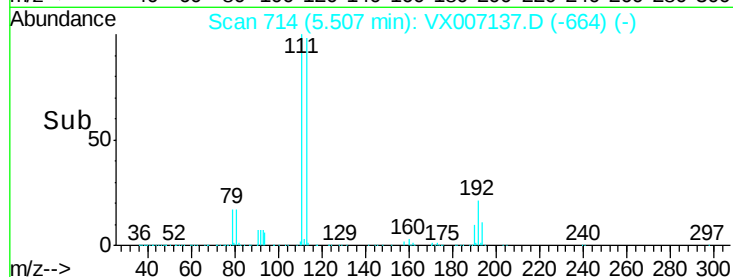
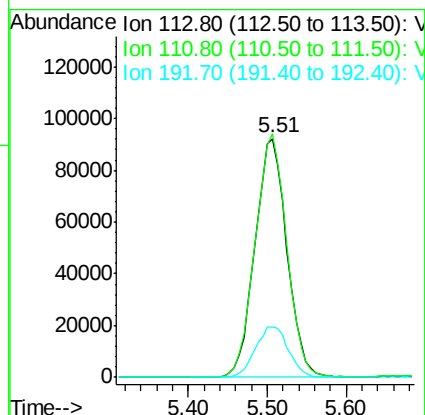
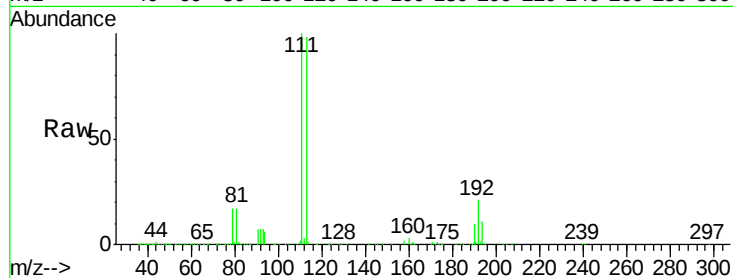




#35
 Dibromofluoromethane
 Concen: 48.393 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX007137.D
 Acq: 18 Jan 2019 16:15

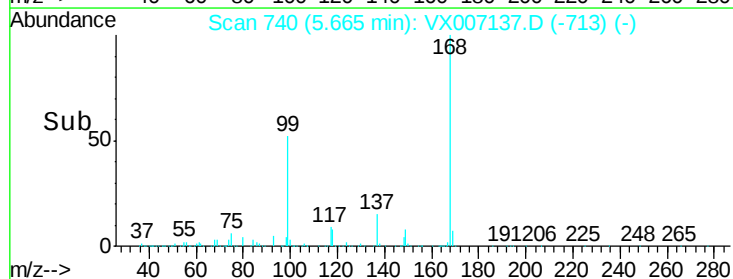
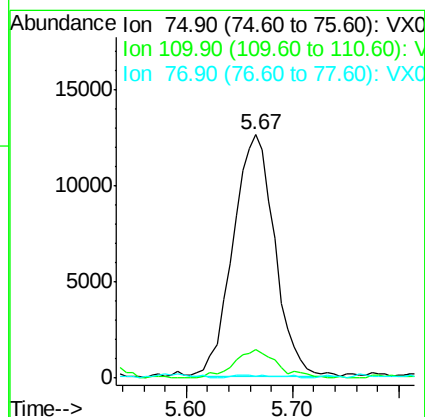
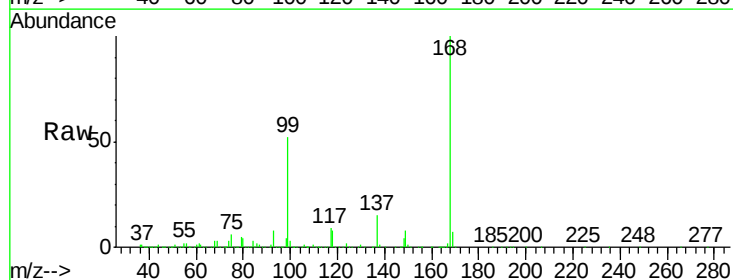
Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW036-190116

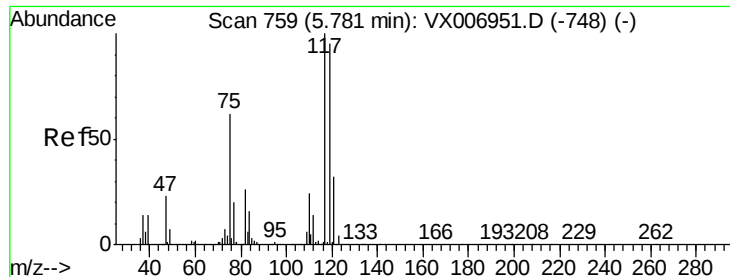
Tot Ion:113 Resp: 259764
 Ion Ratio Lower Upper
 113 100
 111 101.0 81.6 122.4
 192 22.0 16.7 25.1



#36
 1,1-Dichloropropene
 Concen: 4.769 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX007137.D
 Acq: 18 Jan 2019 16:15

Tgt Ion: 75 Resp: 34755
 Ion Ratio Lower Upper
 75 100
 110 12.4 20.2 60.5#
 77 1.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 6.616 ug/l

RT: 5.67 min Scan# 741

Delta R.T. -0.11 min

Lab File: VX007137.D

Acq: 18 Jan 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

SS037MW036-190116

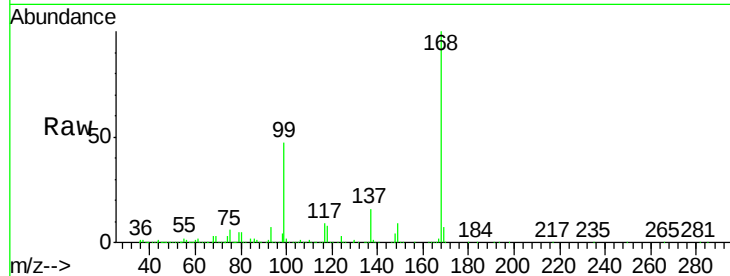
Tot Ion:117 Resp: 48509

Ion Ratio Lower Upper

117 100

119 4.8 79.4 119.2#

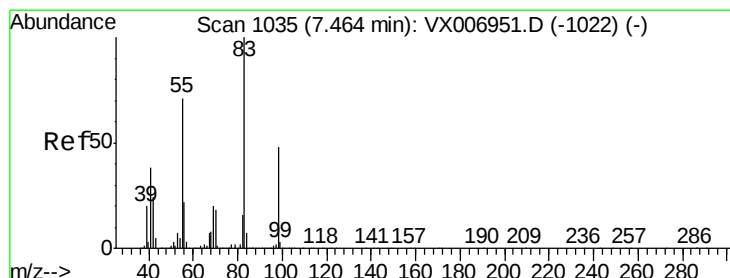
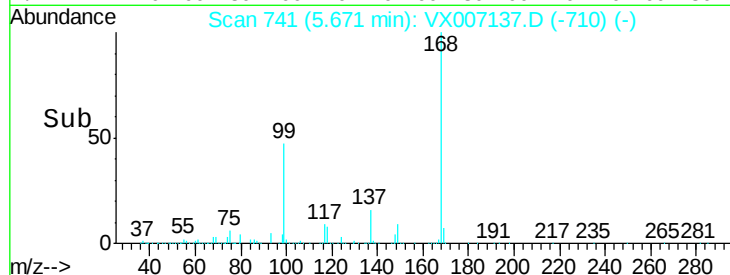
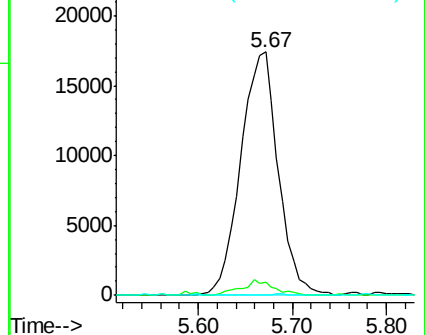
121 0.0 24.0 36.0#



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: 1.020 ug/l

RT: 7.45 min Scan# 1032

Delta R.T. -0.02 min

Lab File: VX007137.D

Acq: 18 Jan 2019 16:15

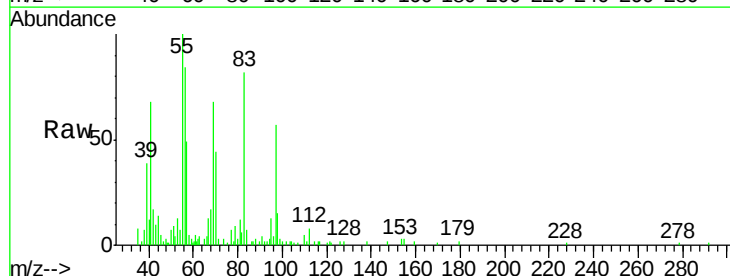
Tgt Ion: 83 Resp: 9479

Ion Ratio Lower Upper

83 100

55 119.0 54.9 82.3#

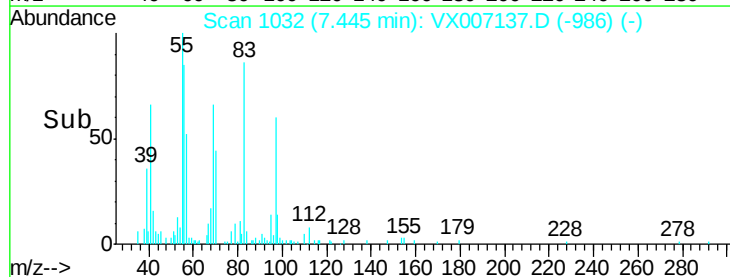
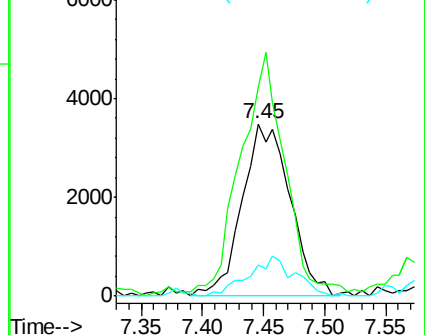
98 16.3 37.9 56.9#

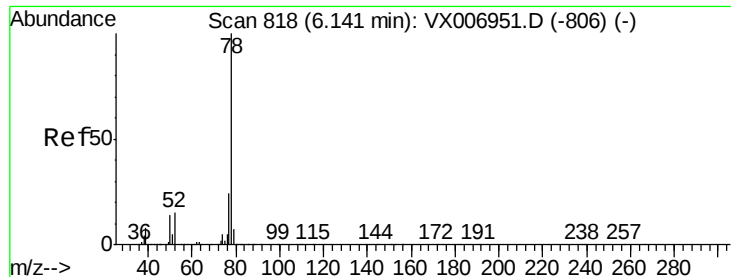


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.633 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX007137.D

Acq: 18 Jan 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

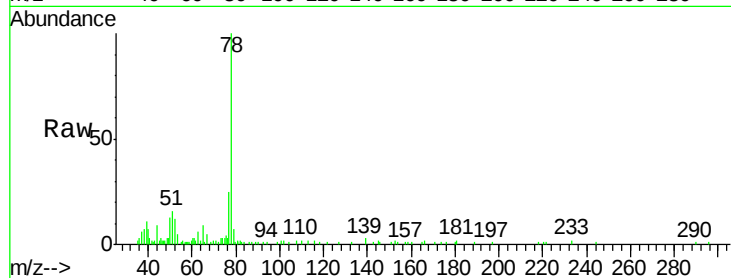
SS037MW036-190116

Tot Ion: 78 Resp: 14071

Ion Ratio Lower Upper

78 100

77 24.9 19.2 28.8



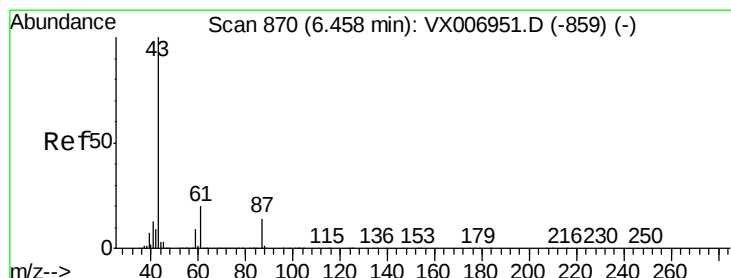
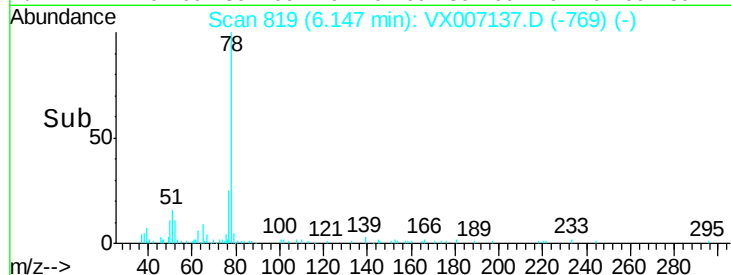
Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.15

6.05 6.10 6.15 6.20 6.25

Time-->



#43

Isopropyl Acetate

Concen: 2.217 ug/l

RT: 6.34 min Scan# 851

Delta R.T. -0.12 min

Lab File: VX007137.D

Acq: 18 Jan 2019 16:15

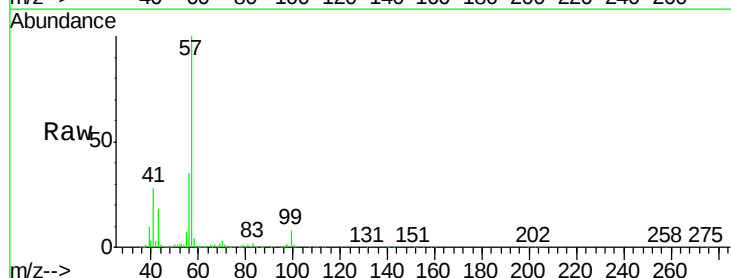
Tgt Ion: 43 Resp: 27326

Ion Ratio Lower Upper

43 100

61 0.5 16.8 25.2#

87 0.5 12.4 18.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

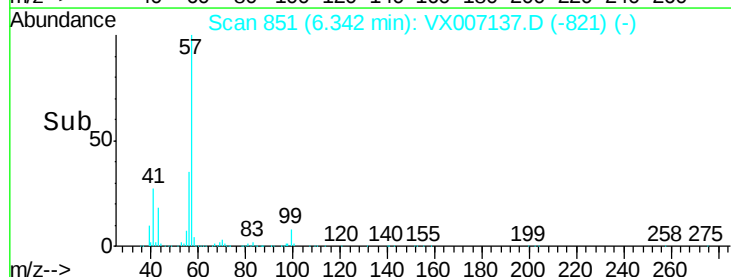
Ion 61.00 (60.70 to 61.70): VX0

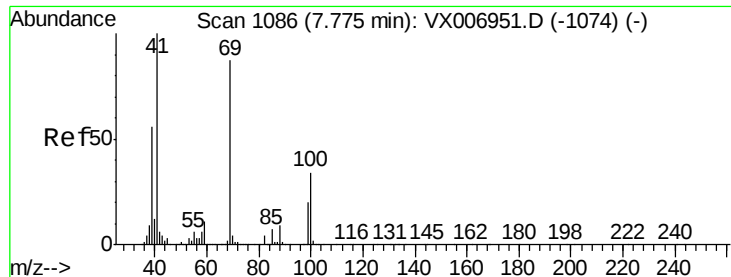
Ion 87.00 (86.70 to 87.70): VX0

6.34

6.20 6.30 6.40

Time-->





#48

Methyl methacrylate

Concen: 0.641 ug/l

RT: 7.85 min Scan# 1099

Delta R.T. 0.08 min

Lab File: VX007137.D

Acq: 18 Jan 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

SS037MW036-190116

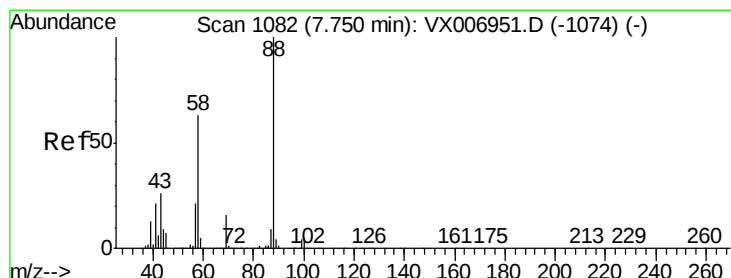
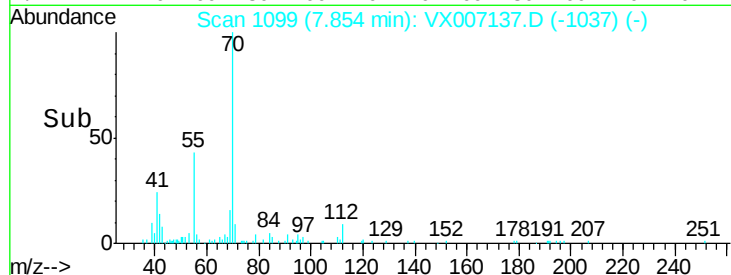
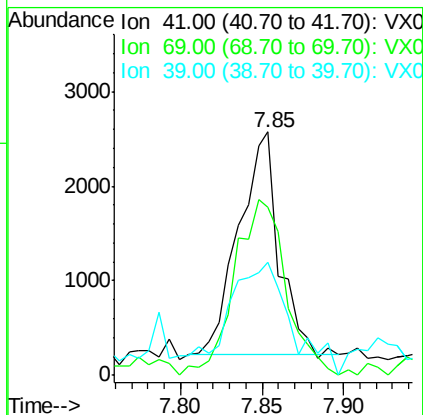
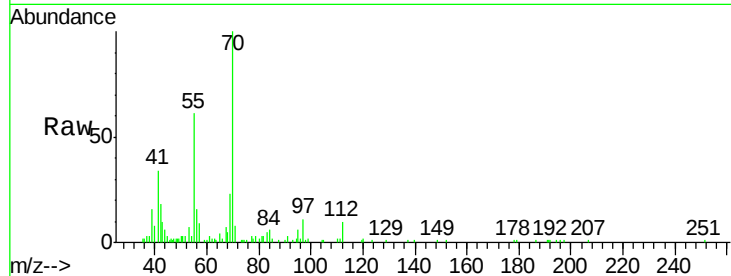
Tot Ion: 41 Resp: 4057

Ion Ratio Lower Upper

41 100

69 100.8 72.4 108.6

39 78.2 45.8 68.8#



#49

1,4-Dioxane

Concen: Below Cal

RT: 7.72 min Scan# 1077

Delta R.T. -0.03 min

Lab File: VX007137.D

Acq: 18 Jan 2019 16:15

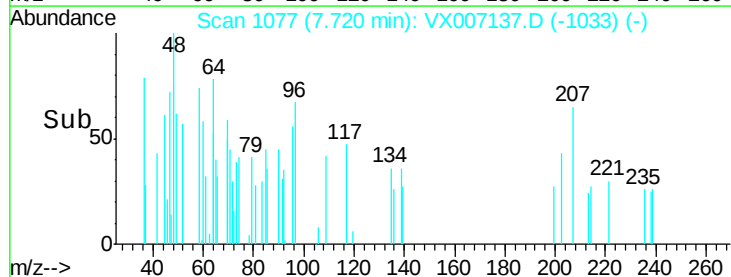
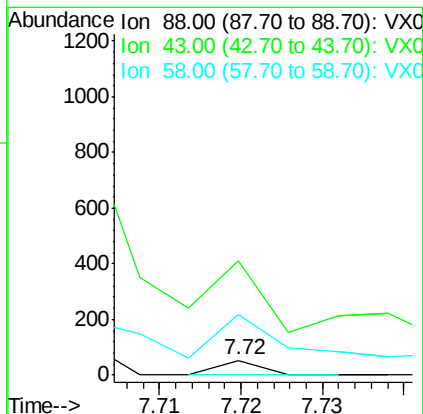
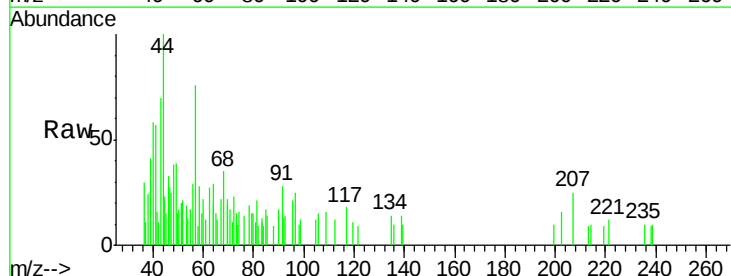
Tgt Ion: 88 Resp: 20

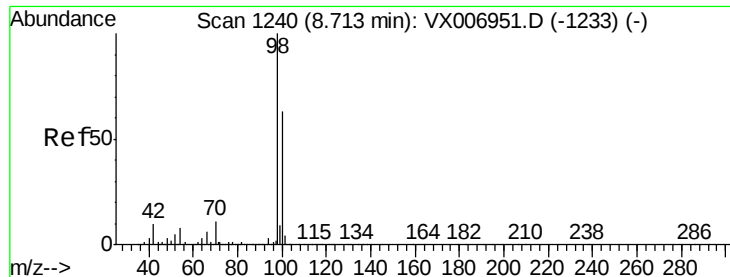
Ion Ratio Lower Upper

88 100

43 0.0 22.2 33.4#

58 1005.0 51.0 76.4#





#50

Toluene-d8

Concen: 51.893 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007137.D

Acq: 18 Jan 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

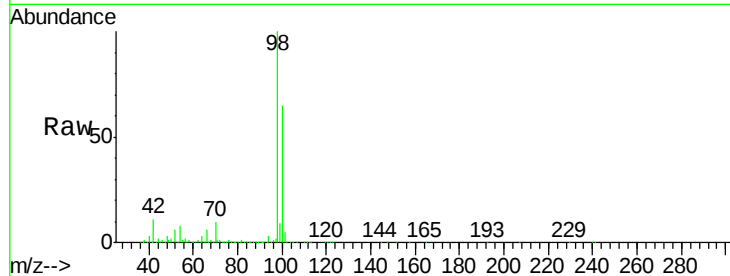
SS037MW036-190116

Tot Ion: 98 Resp: 1019580

Ion Ratio Lower Upper

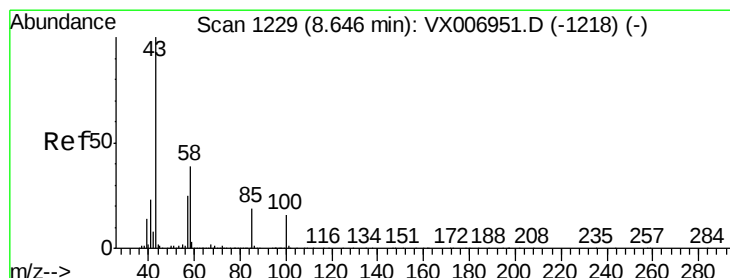
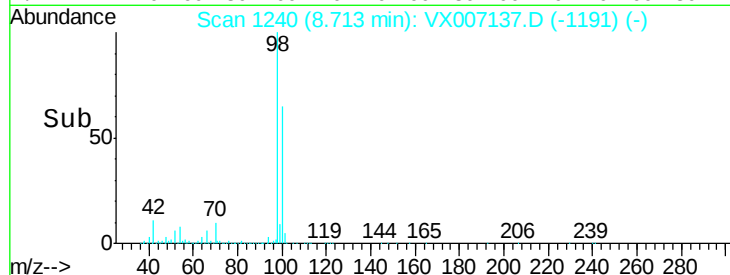
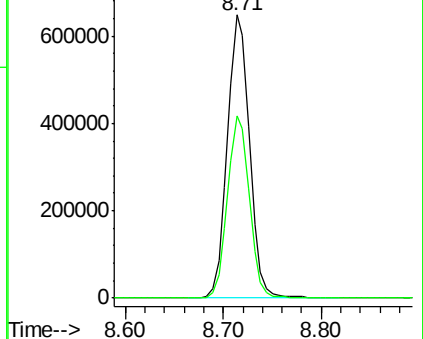
98 100

100 63.7 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#51

4-Methyl-2-Pentanone

Concen: 0.479 ug/l

RT: 8.68 min Scan# 1235

Delta R.T. 0.04 min

Lab File: VX007137.D

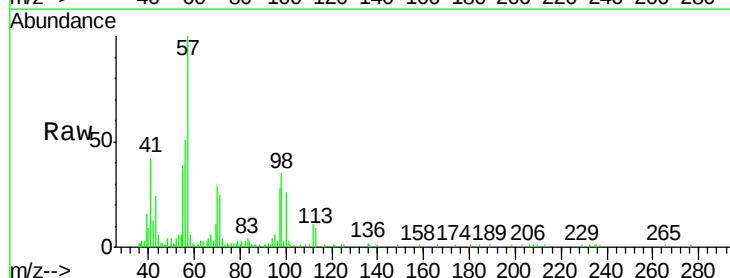
Acq: 18 Jan 2019 16:15

Tgt Ion: 43 Resp: 3791

Ion Ratio Lower Upper

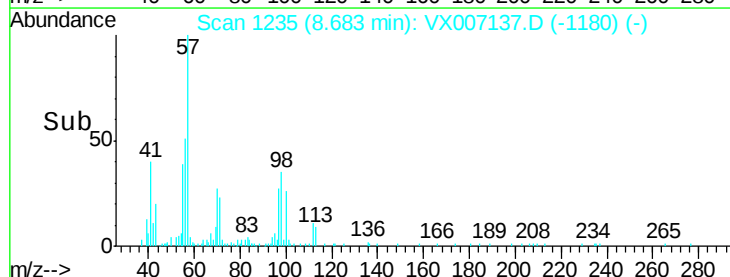
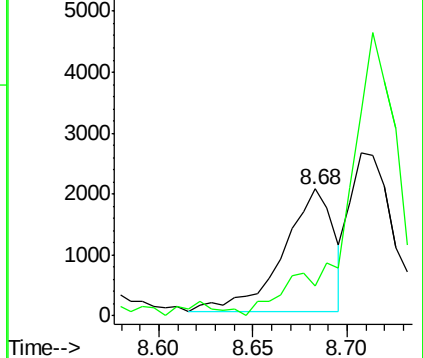
43 100

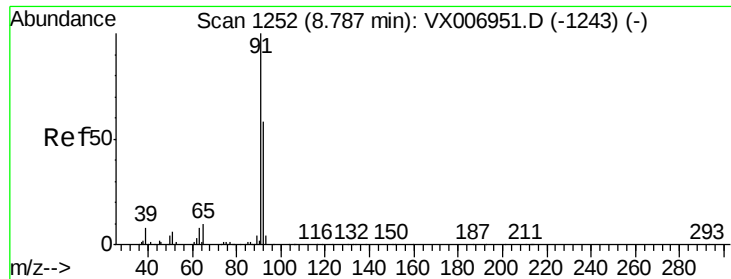
58 0.0 31.8 47.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#52

Toluene

Concen: 0.245 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007137.D

Acq: 18 Jan 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

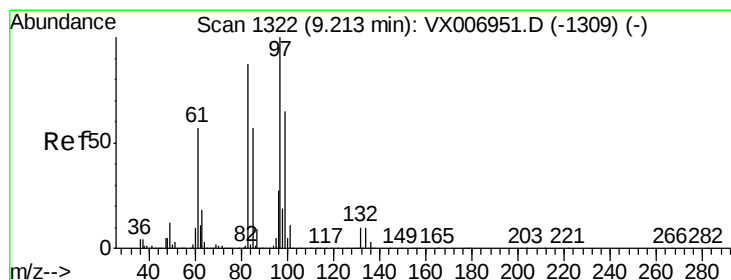
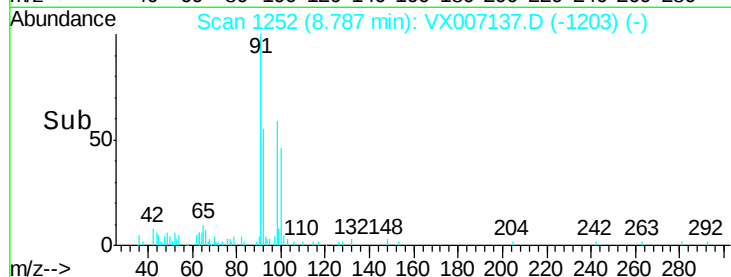
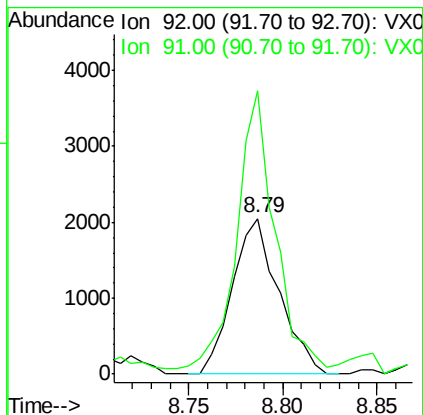
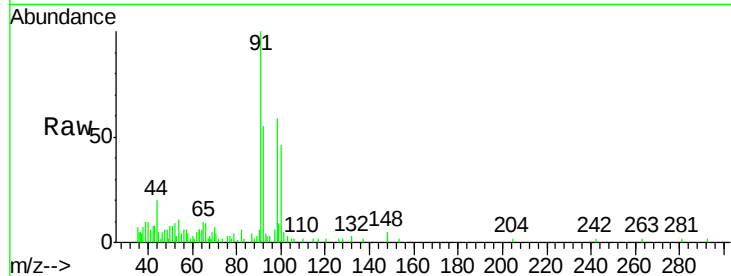
SS037MW036-190116

Tot Ion: 92 Resp: 3496

Ion Ratio Lower Upper

92 100

91 150.8 137.6 206.4



#55

1,1,2-Trichloroethane

Concen: 1.290 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX007137.D

Acq: 18 Jan 2019 16:15

Tgt Ion: 97 Resp: 7380

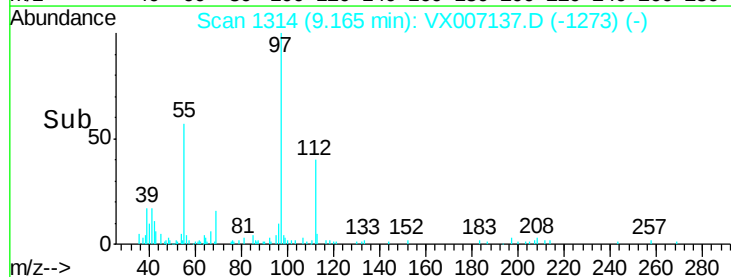
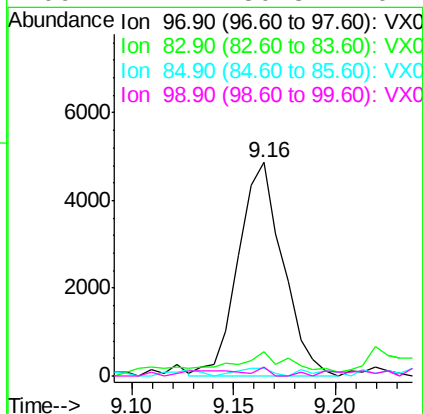
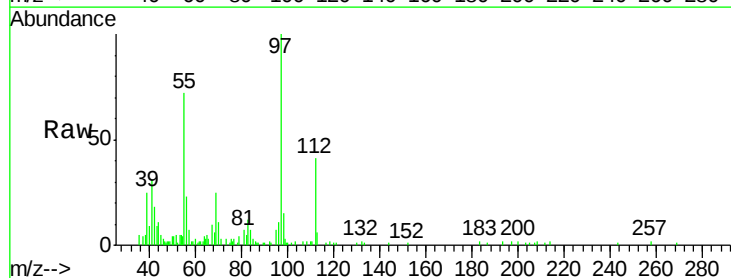
Ion Ratio Lower Upper

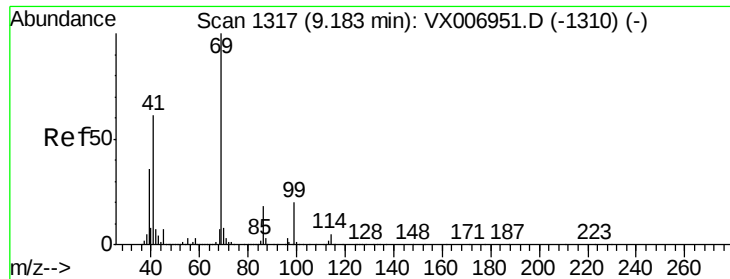
97 100

83 9.7 66.6 99.8#

85 1.5 42.7 64.1#

99 2.4 50.8 76.2#





#56

Ethyl methacrylate

Concen: 0.244 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.02 min

Lab File: VX007137.D

Acq: 18 Jan 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

SS037MW036-190116

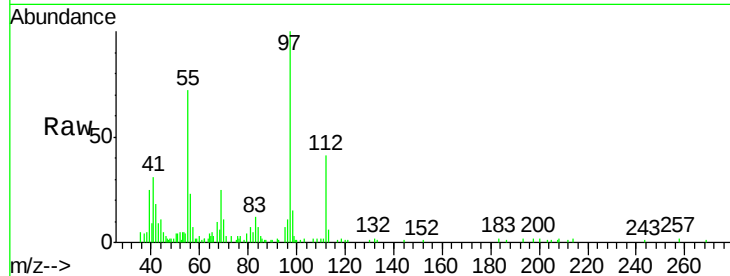
Tot Ion: 69 Resp: 2040

Ion Ratio Lower Upper

69 100

41 92.8 48.7 73.1#

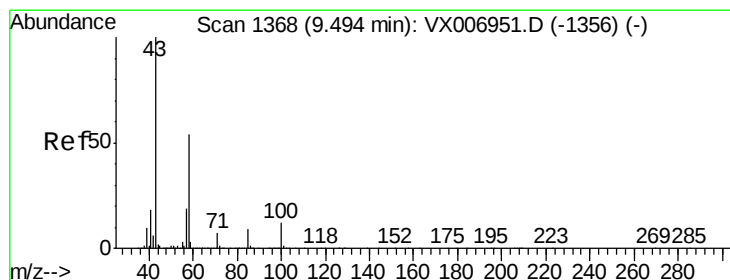
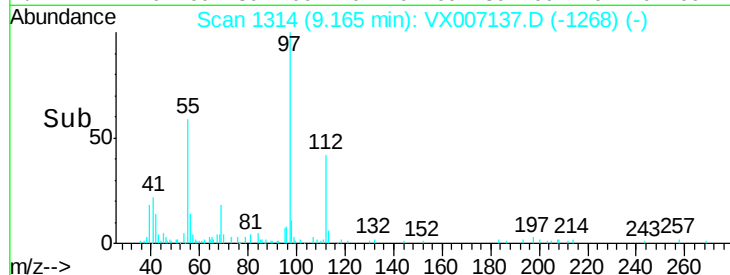
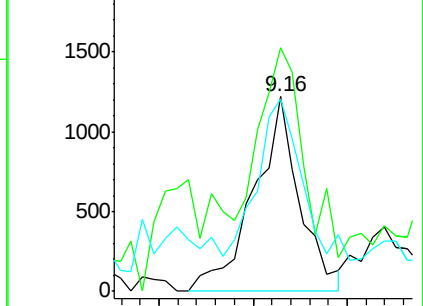
39 78.5 27.0 40.6#



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



#59

2-Hexanone

Concen: 0.713 ug/l

RT: 9.30 min Scan# 1337

Delta R.T. -0.19 min

Lab File: VX007137.D

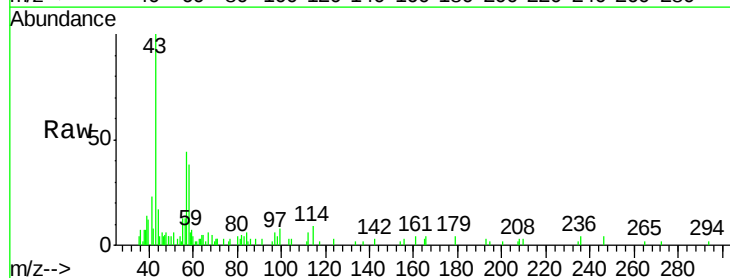
Acq: 18 Jan 2019 16:15

Tgt Ion: 43 Resp: 4302

Ion Ratio Lower Upper

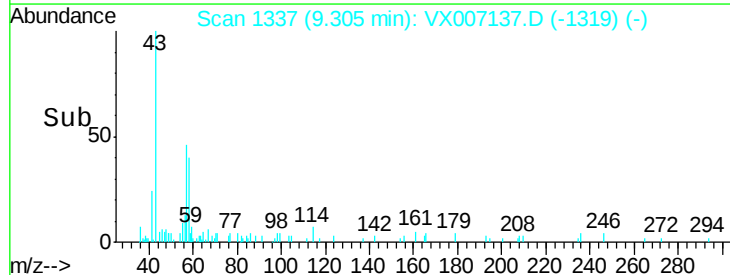
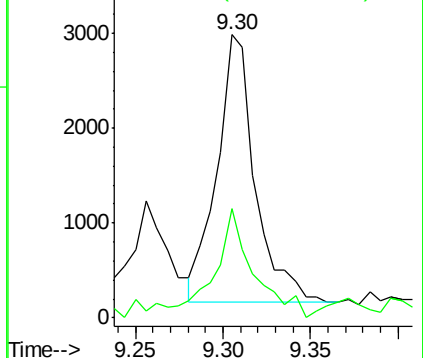
43 100

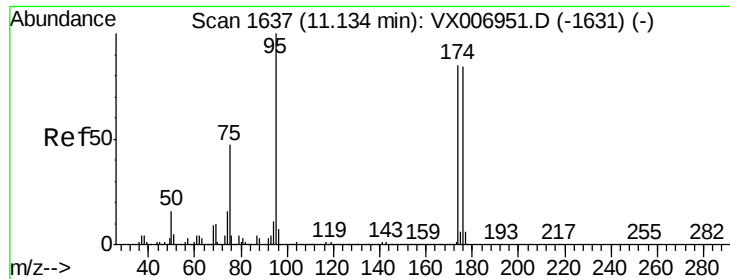
58 46.0 27.7 83.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 53.080 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007137.D

Acq: 18 Jan 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

SS037MW036-190116

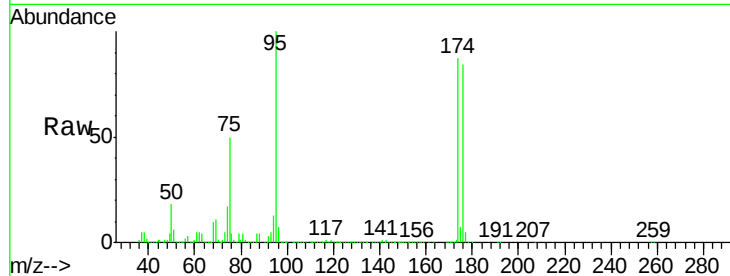
Tot Ion: 95 Resp: 363585

Ion Ratio Lower Upper

95 100

174 94.2 0.0 182.2

176 91.2 0.0 178.8

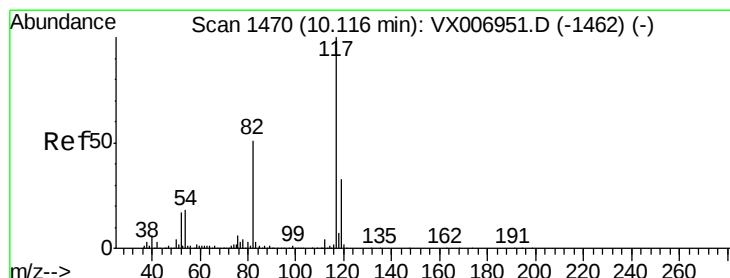
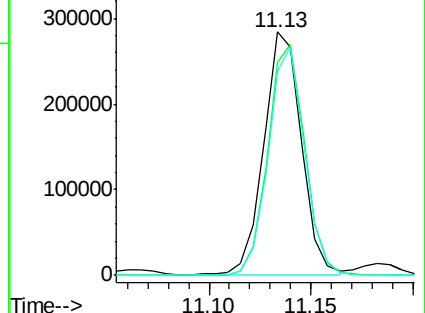
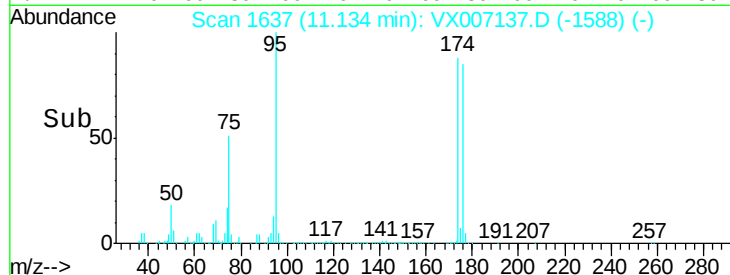


Abundance Ion 94.90 (94.60 to 95.60): VX006951.D (-1631) (-)

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

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

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX007137.D

Acq: 18 Jan 2019 16:15

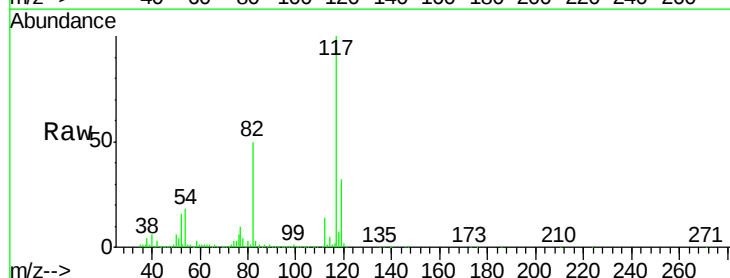
Tgt Ion: 117 Resp: 795377

Ion Ratio Lower Upper

117 100

82 49.5 41.0 61.6

119 32.0 25.4 38.0

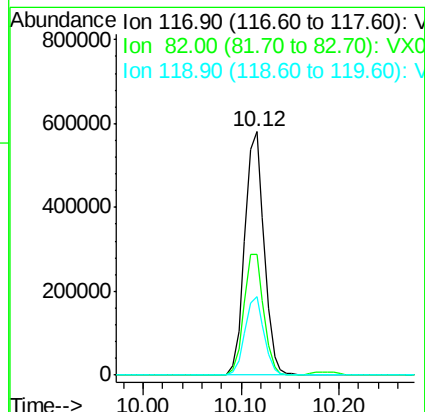
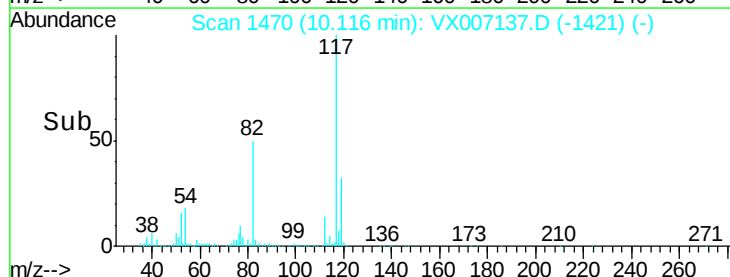


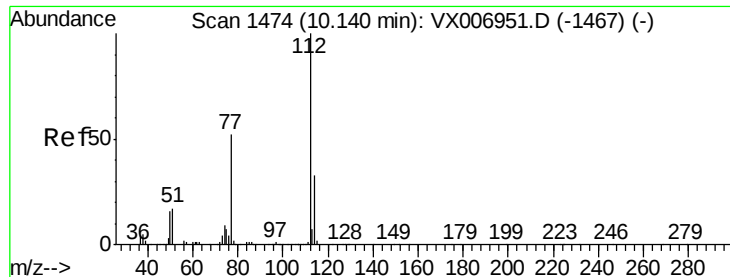
Abundance Ion 116.90 (116.60 to 117.60): VX006951.D (-1462) (-)

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

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

Time-->





#65

Chlorobenzene

Concen: 203.456 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007137.D

Acq: 18 Jan 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

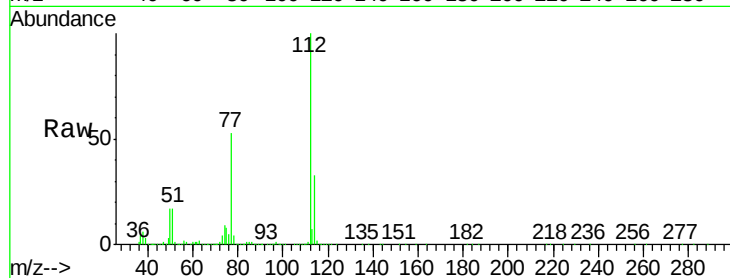
SS037MW036-190116

Tot Ion:112 Resp: 3529463

Ion Ratio Lower Upper

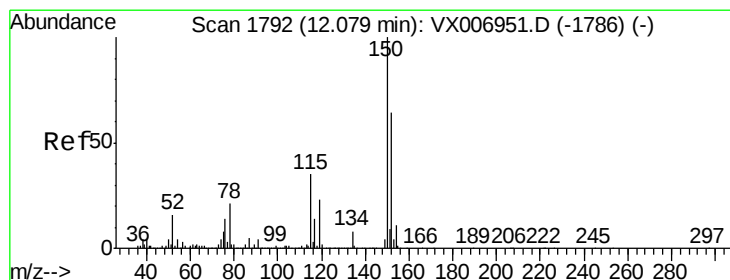
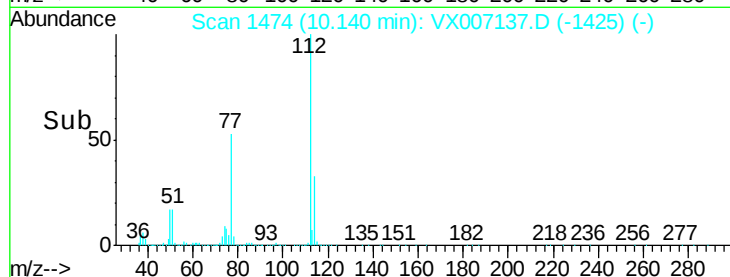
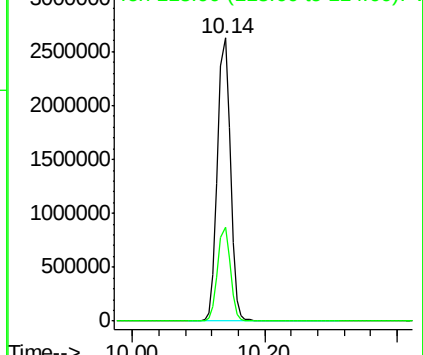
112 100

114 33.3 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007137.D

Acq: 18 Jan 2019 16:15

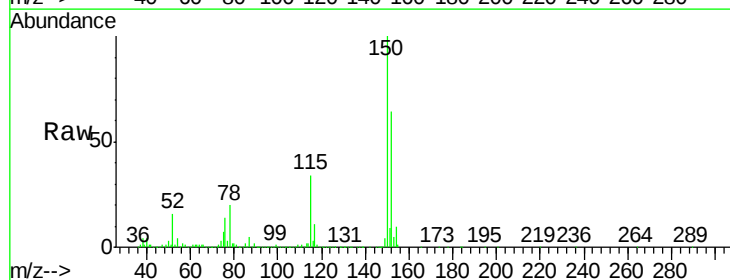
Tgt Ion:152 Resp: 398140

Ion Ratio Lower Upper

152 100

115 54.4 39.1 117.2

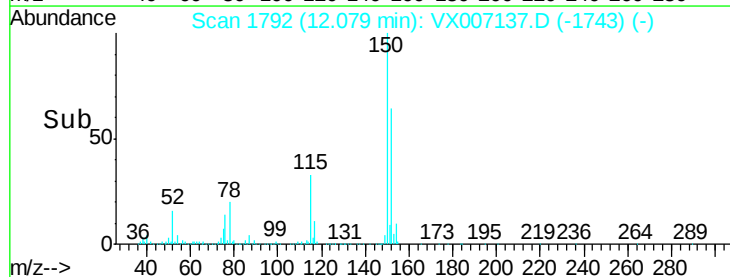
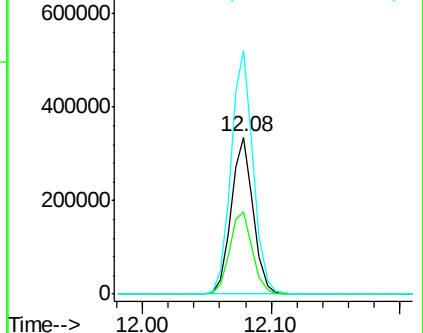
150 156.9 0.0 344.8

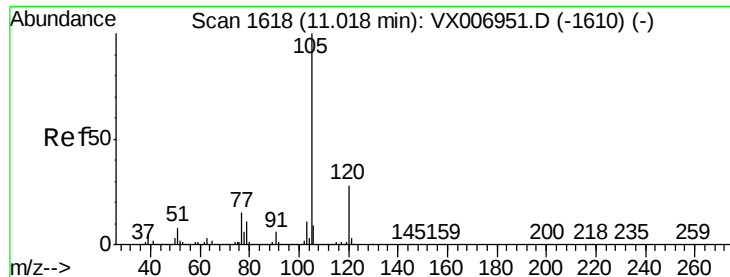


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.241 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007137.D

Acq: 18 Jan 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

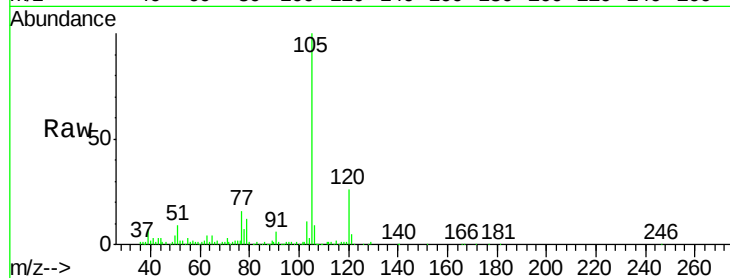
SS037MW036-190116

Tot Ion:105 Resp: 34829

Ion Ratio Lower Upper

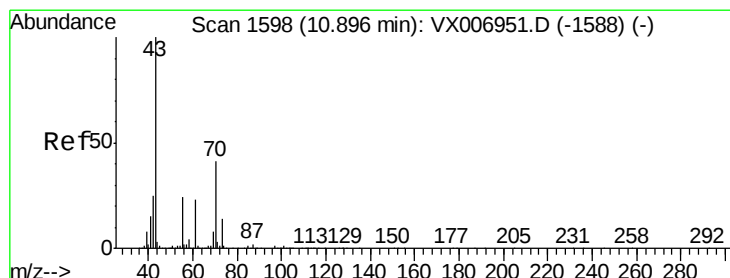
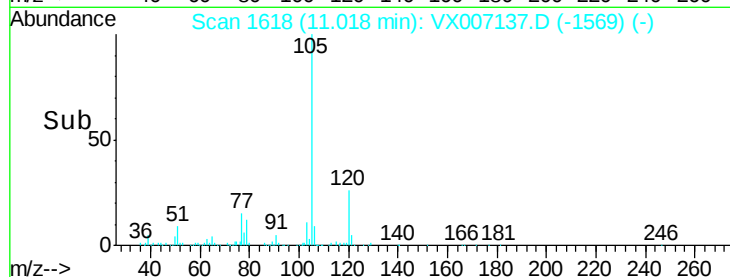
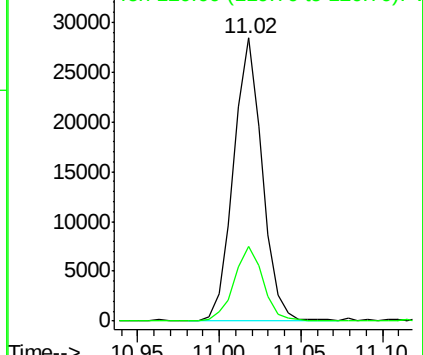
105 100

120 26.7 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: 0.326 ug/l

RT: 10.94 min Scan# 1605

Delta R.T. 0.04 min

Lab File: VX007137.D

Acq: 18 Jan 2019 16:15

Tgt Ion: 43 Resp: 3680

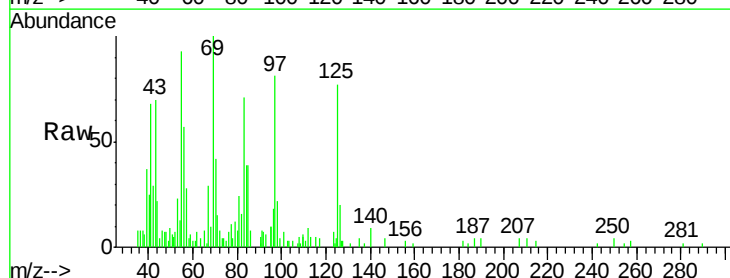
Ion Ratio Lower Upper

43 100

70 47.3 35.8 53.8

55 0.0 19.4 29.0#

61 0.0 20.1 30.1#

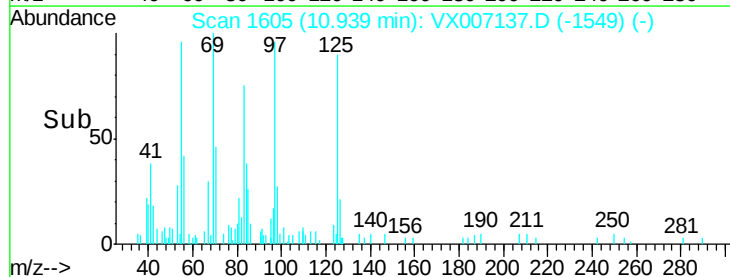
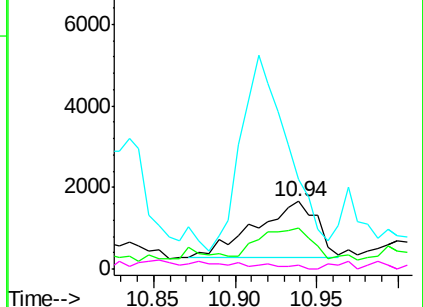


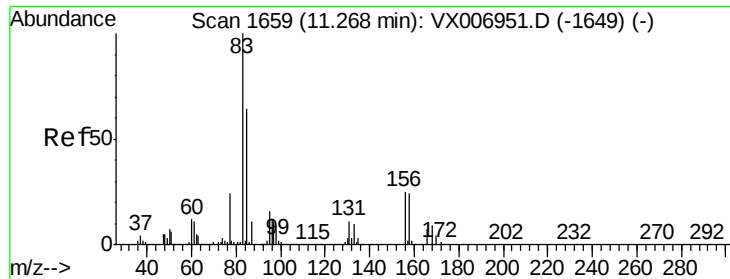
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 0.347 ug/l

RT: 11.28 min Scan# 1661

Delta R.T. 0.01 min

Lab File: VX007137.D

Acq: 18 Jan 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

SS037MW036-190116

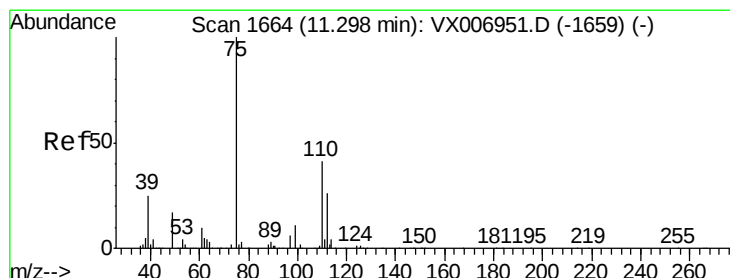
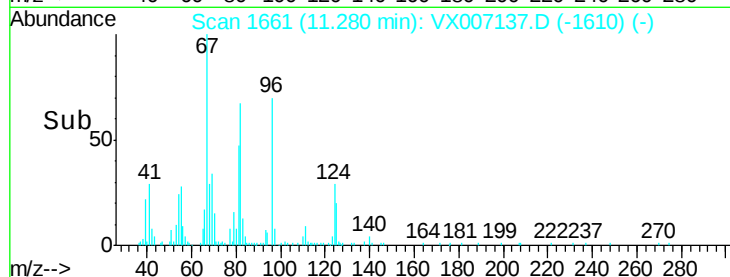
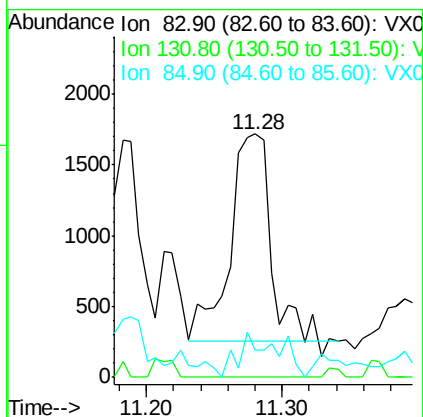
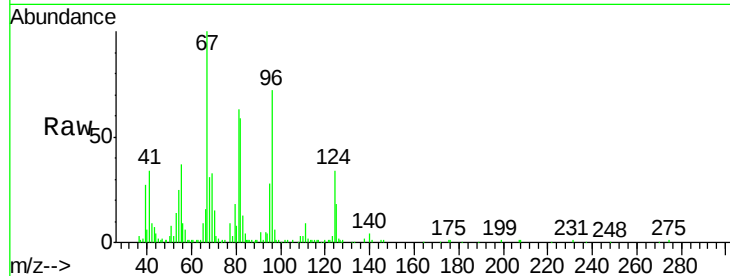
Tot Ion: 83 Resp: 3094

Ion Ratio Lower Upper

83 100

131 0.0 5.7 17.1#

85 0.0 32.2 96.6#



#76

1,2,3-Trichloropropane

Concen: 21.750 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007137.D

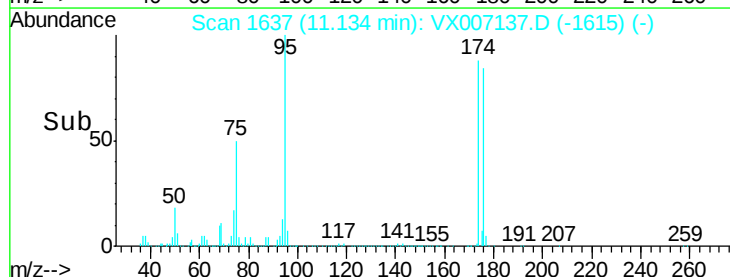
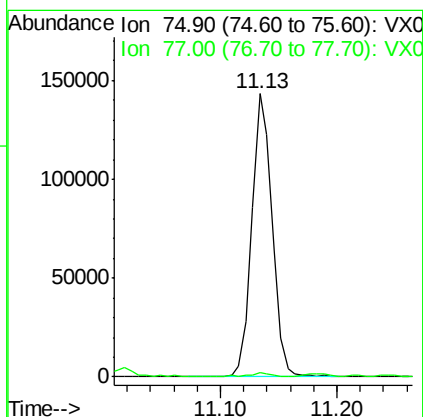
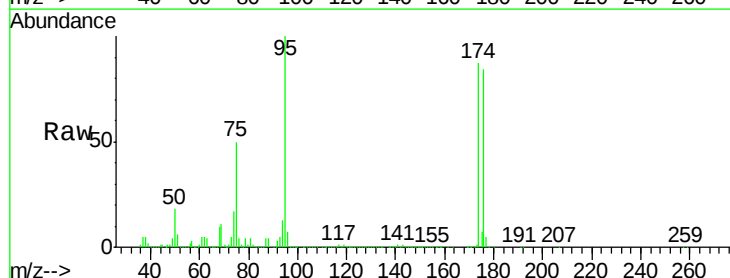
Acq: 18 Jan 2019 16:15

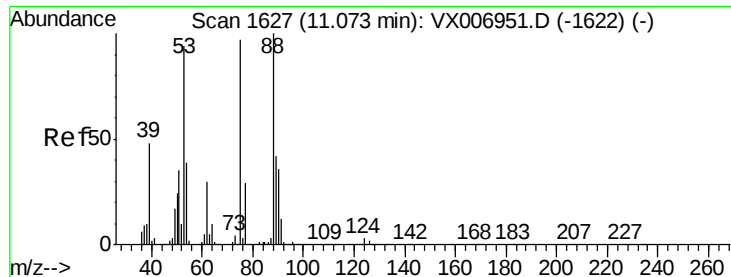
Tgt Ion: 75 Resp: 175481

Ion Ratio Lower Upper

75 100

77 1.3 18.5 55.5#

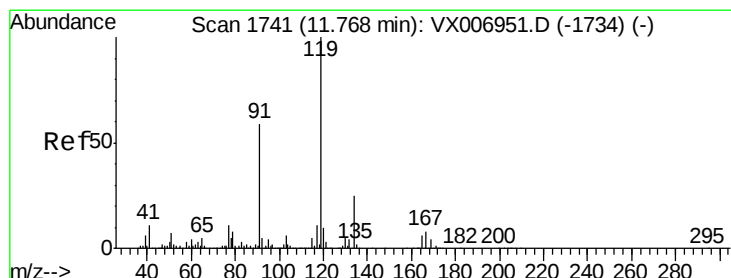
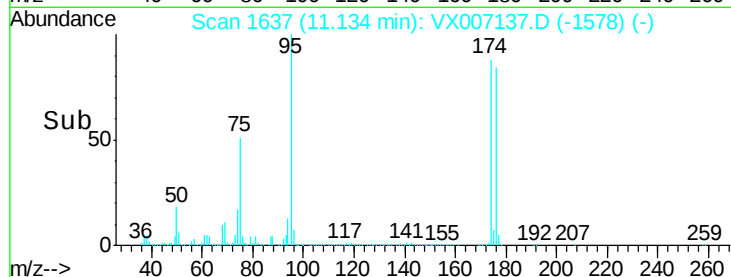
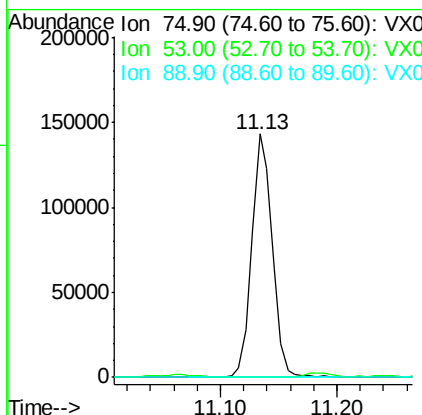
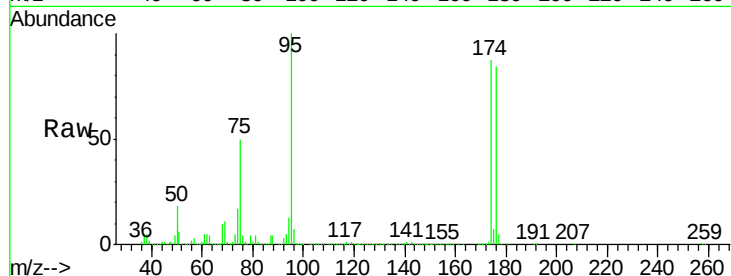




#81
trans-1,4-Dichloro-2-butene
Concen: 64.455 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX007137.D
Acq: 18 Jan 2019 16:15

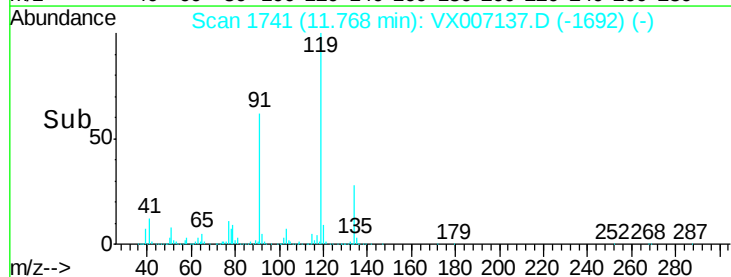
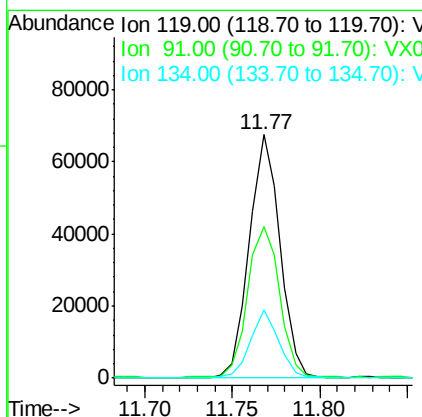
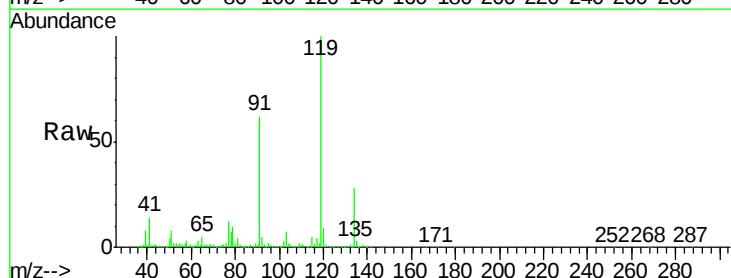
Instrument :
MSVOA_X
ClientSampleId :
SS037MW036-190116

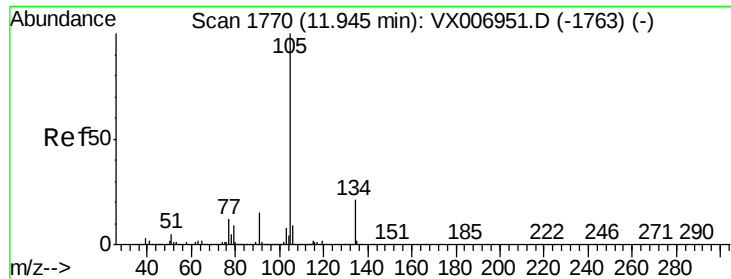
Tot Ion: 75 Resp: 175481
Ion Ratio Lower Upper
75 100
53 0.0 79.7 119.5#
89 0.2 38.0 57.0#



#83
tert-Butylbenzene
Concen: 3.533 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX007137.D
Acq: 18 Jan 2019 16:15

Tgt Ion: 119 Resp: 82687
Ion Ratio Lower Upper
119 100
91 64.7 27.7 83.1
134 26.3 11.9 35.5

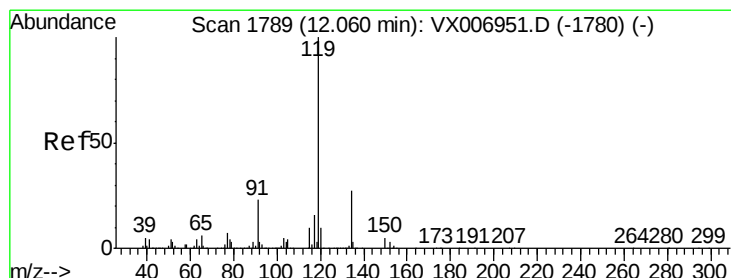
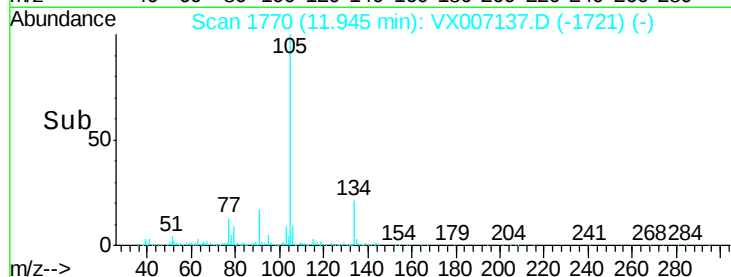
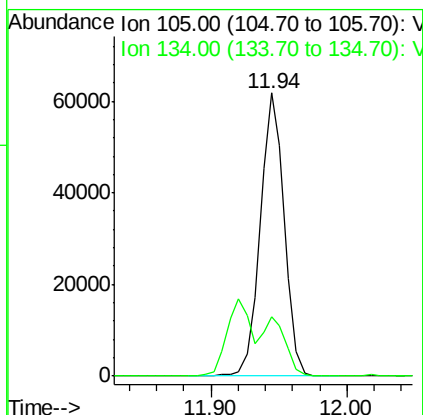
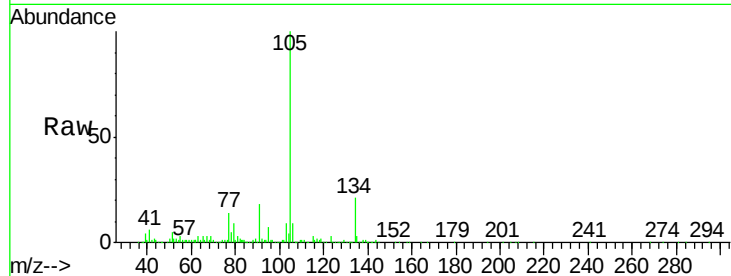




#85
 sec-Butylbenzene
 Concen: 2.738 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX007137.D
 Acq: 18 Jan 2019 16:15

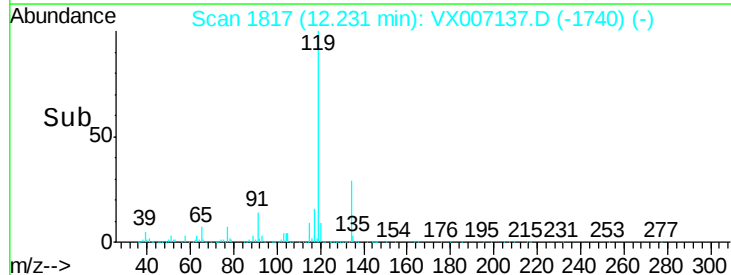
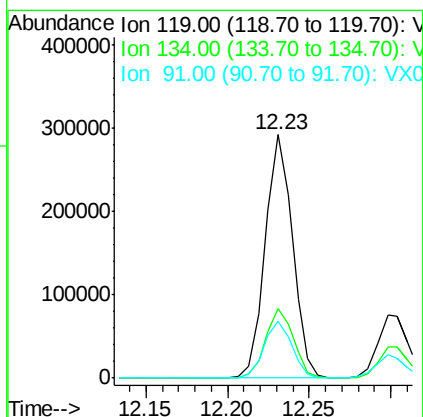
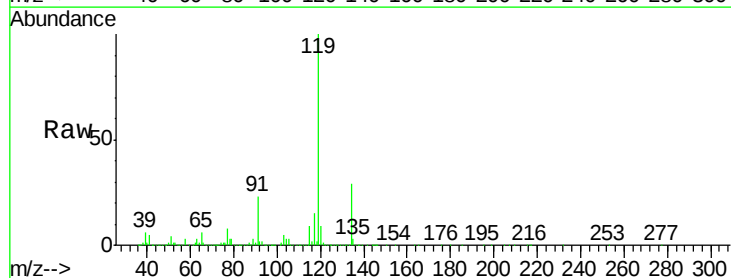
Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW036-190116

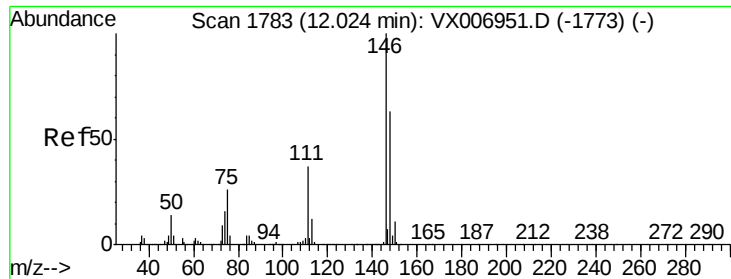
Tot Ion:105 Resp: 76533
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.7 31.9#



#86
 p-Isopropyltoluene
 Concen: 13.621 ug/l
 RT: 12.23 min Scan# 1817
 Delta R.T. 0.17 min
 Lab File: VX007137.D
 Acq: 18 Jan 2019 16:15

Tgt Ion:119 Resp: 340564
 Ion Ratio Lower Upper
 119 100
 134 29.0 14.0 41.9
 91 23.7 11.3 33.9

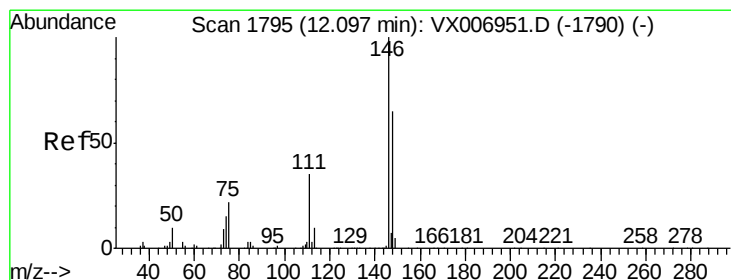
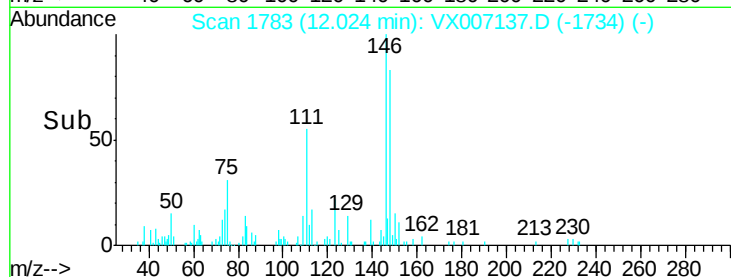
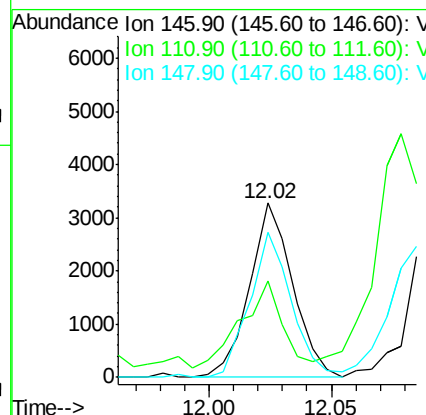
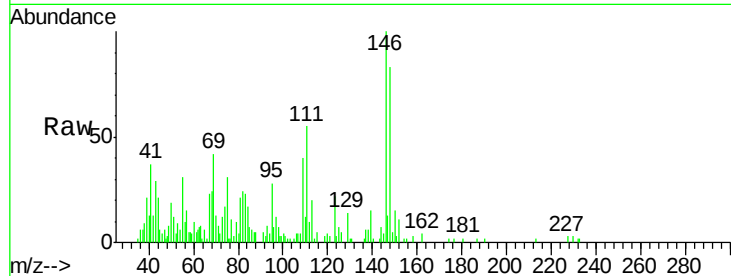




#87
 1,3-Dichlorobenzene
 Concen: 0.288 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007137.D
 Acq: 18 Jan 2019 16:15

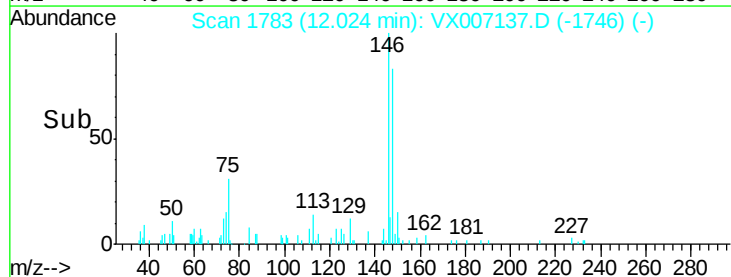
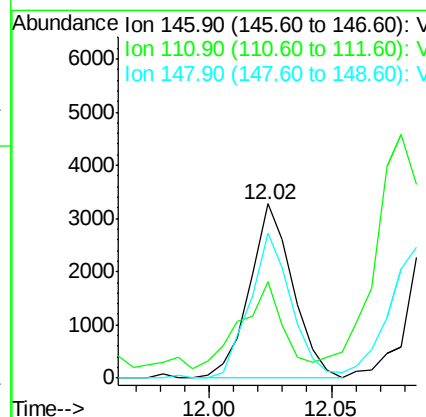
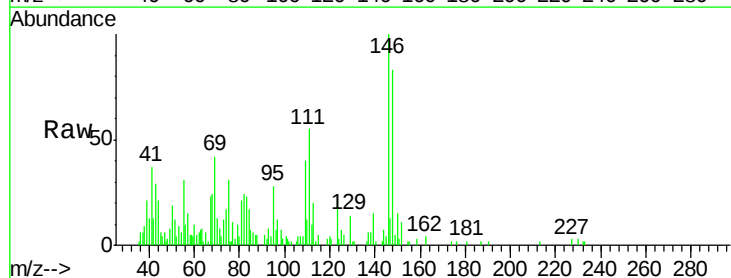
Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW036-190116

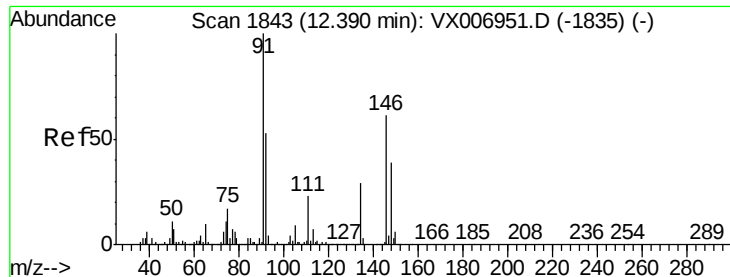
Tot Ion	Ratio	Lower	Upper
146	100		
111	46.9	18.6	55.8
148	81.0	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 0.448 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.07 min
 Lab File: VX007137.D
 Acq: 18 Jan 2019 16:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.9	18.1	54.1
148	81.0	31.9	95.9





#89

n-Butylbenzene

Concen: 0.304 ug/l

RT: 12.37 min Scan# 1839

Delta R.T. -0.02 min

Lab File: VX007137.D

Acq: 18 Jan 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

SS037MW036-190116

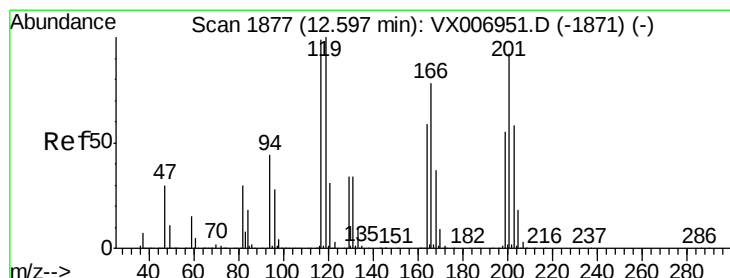
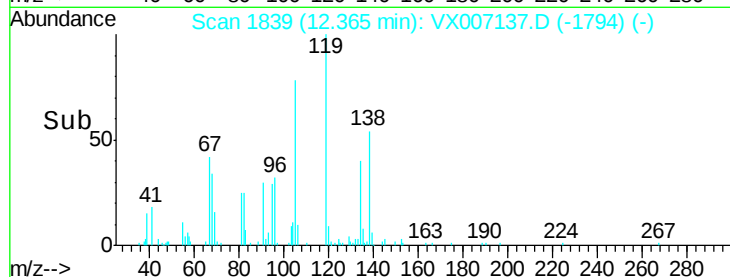
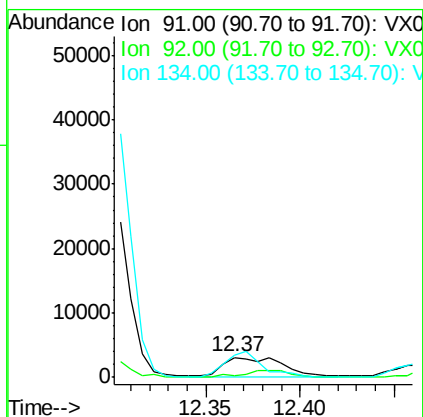
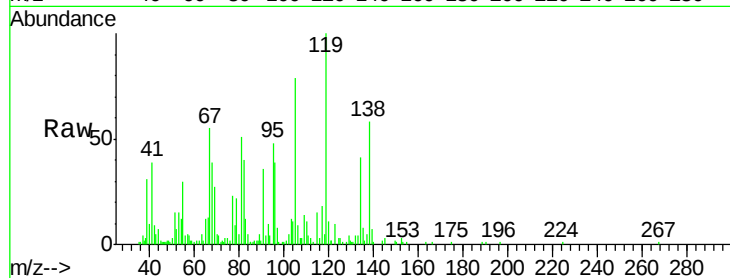
Tot Ion: 91 Resp: 6482

Ion Ratio Lower Upper

91 100

92 30.6 26.8 80.4

134 89.1 14.4 43.2#



#90

Hexachloroethane

Concen: 21.843 ug/l

RT: 12.70 min Scan# 1894

Delta R.T. 0.10 min

Lab File: VX007137.D

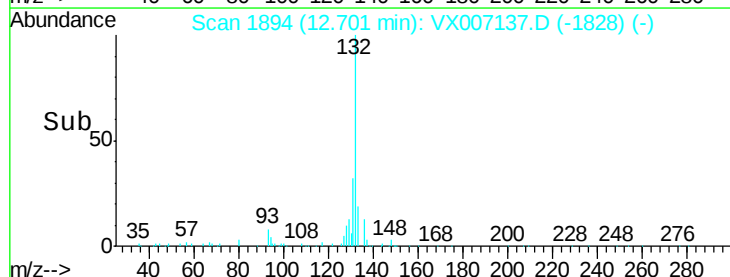
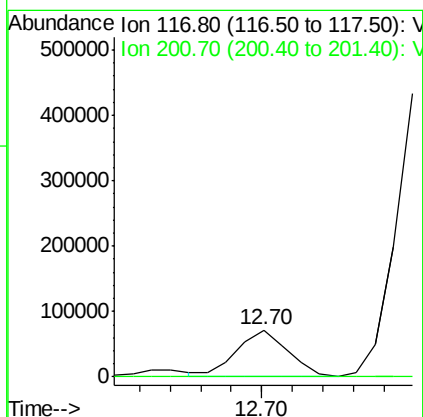
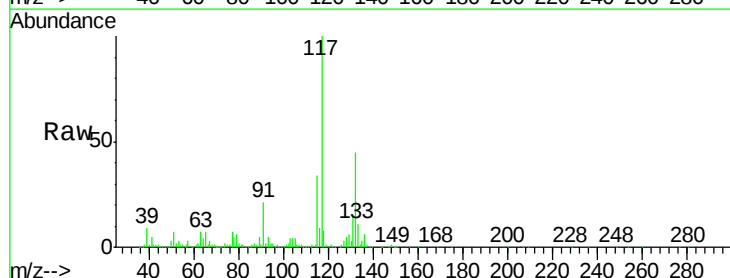
Acq: 18 Jan 2019 16:15

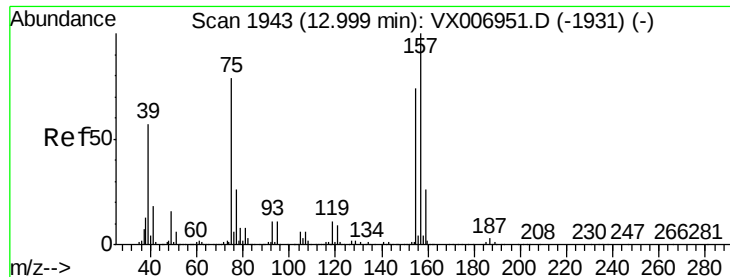
Tgt Ion: 117 Resp: 80244

Ion Ratio Lower Upper

117 100

201 0.0 42.9 128.7#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.261 ug/l

RT: 13.02 min Scan# 1947

Delta R.T. 0.02 min

Lab File: VX007137.D

Acq: 18 Jan 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

SS037MW036-190116

Tot Ion: 75 Resp: 460

Ion Ratio Lower Upper

75 100

155 0.0 50.6 151.8#

157 0.0 64.6 193.8#

