

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010719\
 Data File : VW008072.D
 Acq On : 07 Jan 2019 16:22
 Operator : SY/AP
 Sample : K1071-01
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-17(10-15)

Quant Time: Jan 08 03:44:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 03 05:03:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	68650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	114339	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	87363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	55277	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	43486	57.27	ug/l	0.00
Spiked Amount			Recovery	=	114.54%	
35) Dibromofluoromethane	7.88	113	35485	49.23	ug/l	0.00
Spiked Amount			Recovery	=	98.46%	
50) Toluene-d8	10.32	98	154644	57.19	ug/l	0.00
Spiked Amount			Recovery	=	114.38%	
62) 4-Bromofluorobenzene	12.62	95	92454	89.16	ug/l	0.00
Spiked Amount			Recovery	=	178.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	131	2.656	ug/l #	71
16) Acetone	4.14	43	3249	27.642	ug/l	97
17) Carbon Disulfide	4.37	76	6765	3.213	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	2548	2.349	ug/l #	1
20) Methylene Chloride	4.92	84	3016	1.873	ug/l #	88
25) 2-Butanone	7.19	43	1189	8.586	ug/l	100
31) Cyclohexane	7.96	56	13317	11.474	ug/l #	89
36) 1,1-Dichloropropene	7.95	75	5443	4.826	ug/l #	55
38) Carbon Tetrachloride	7.95	117	7789	5.762	ug/l #	16
39) Methylcyclohexane	9.34	83	286561	203.823	ug/l	98
43) Isopropyl Acetate	8.43	43	7113	10.508	ug/l #	49
45) 1,2-Dichloropropane	9.34	63	3790	5.885	ug/l #	1
47) Bromodichloromethane	9.76	83	4038	3.829	ug/l #	40
48) Methyl methacrylate	9.52	41	10983	32.178	ug/l #	68
51) 4-Methyl-2-Pentanone	10.22	43	668	2.132	ug/l	93
55) 1,1,2-Trichloroethane	10.76	97	89373	175.298	ug/l #	22
56) Ethyl methacrylate	10.66	69	40213	69.769	ug/l #	1
59) 2-Hexanone	10.94	43	177062	818.504	ug/l #	29
65) Chlorobenzene	11.66	112	57661	30.882	ug/l	97
67) Ethyl Benzene	11.73	91	4578	1.381	ug/l #	79
68) m/p-Xylenes	11.84	106	1788	1.396	ug/l #	1
69) o-Xylene	12.17	106	2784	2.335	ug/l #	1
73) Isopropylbenzene	12.47	105	323812	73.669	ug/l	96
74) N-ethyl acetate	12.26	43	310816	454.270	ug/l #	41
75) 1,1,2,2-Tetrachloroethane	12.70	83	63469	113.485	ug/l #	67
76) 1,2,3-Trichloropropane	12.81	75	5148	11.707	ug/l #	1
77) Bromobenzene	12.71	156	1239	1.311	ug/l #	1
78) n-propylbenzene	12.81	91	645505	126.664	ug/l	94
79) 2-Chlorotoluene	12.94	91	27738	9.417	ug/l	86
80) 1,3,5-Trimethylbenzene	12.95	105	9297	2.457	ug/l #	30
81) trans-1,4-Dichloro-2-buten	12.47	75	4560	24.522	ug/l #	1
82) 4-Chlorotoluene	12.94	91	27738	8.857	ug/l	84
83) tert-Butylbenzene	13.21	119	27204	8.218	ug/l #	67
84) 1,2,4-Trimethylbenzene	13.39	105	655617	171.077	ug/l #	33

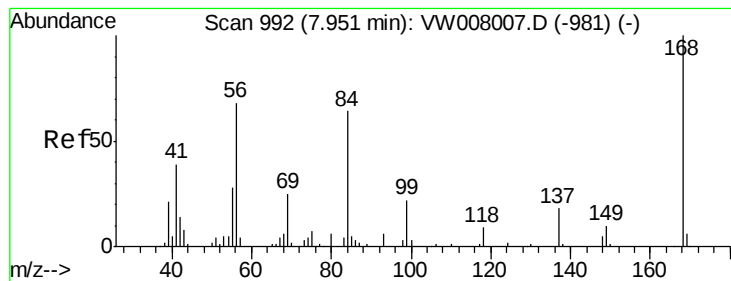
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010719\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.39	105	655617	143.976	ug/l	82
86) p-Isopropyltoluene	13.66	119	121083	29.479	ug/l	86
88) 1,4-Dichlorobenzene	13.58	146	6358	3.369	ug/l #	1
89) n-Butylbenzene	13.83	91	337035	89.710	ug/l #	83
90) Hexachloroethane	14.11	117	121941	171.096	ug/l #	12
91) 1,2-Dichlorobenzene	13.88	146	2567	1.532	ug/l #	68
92) 1,2-Dibromo-3-Chloropropan	14.51	75	2991	26.350	ug/l #	2
93) 1,2,4-Trichlorobenzene	15.15	180	4271	3.630	ug/l #	1
95) Naphthalene	15.34	128	26050	13.001	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.59	180	6069	6.269	ug/l #	12

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008072.D

Acq: 07 Jan 2019 16:22

Instrument :

MSVOA_W

ClientSampleId :

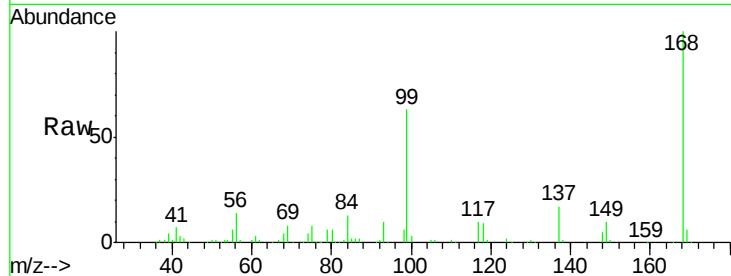
CPSB-17(10-15)

Tot Ion:168 Resp: 68650

Ion Ratio Lower Upper

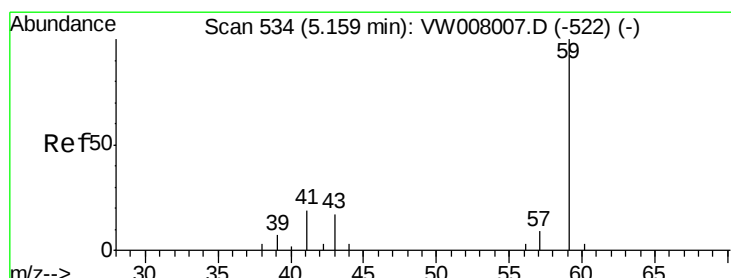
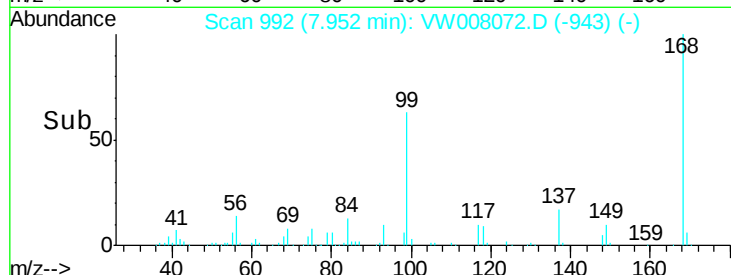
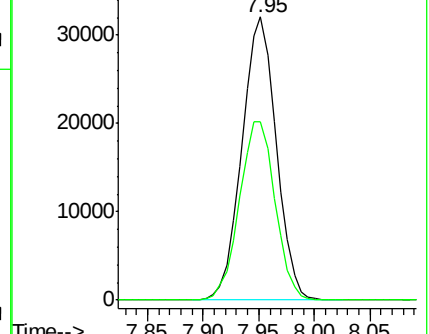
168 100

99 62.9 51.6 77.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 2.656 ug/l

RT: 5.20 min Scan# 541

Delta R.T. 0.04 min

Lab File: VW008072.D

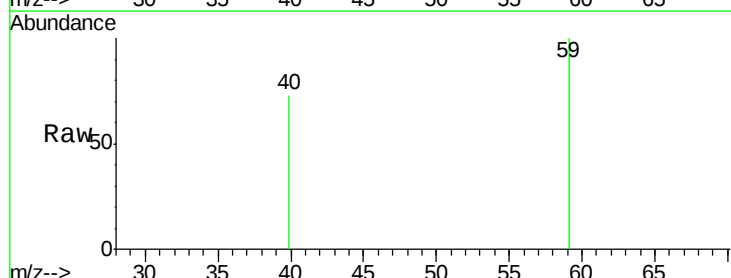
Acq: 07 Jan 2019 16:22

Tgt Ion: 59 Resp: 131

Ion Ratio Lower Upper

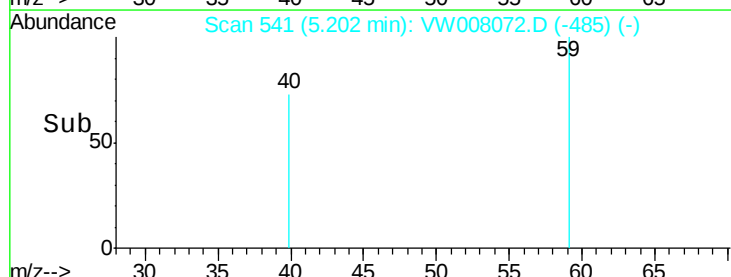
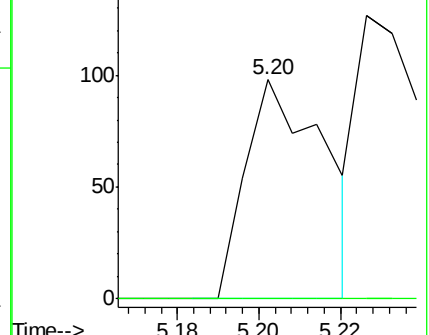
59 100

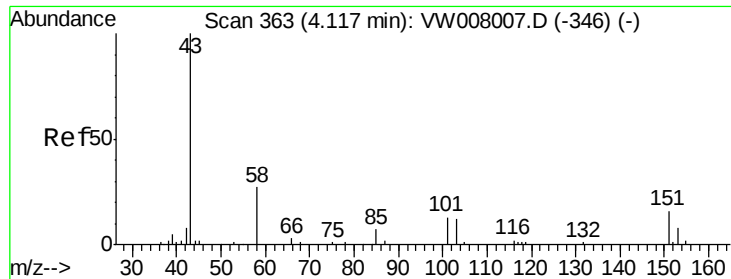
57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 27.642 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW008072.D

Acq: 07 Jan 2019 16:22

Instrument :

MSVOA_W

ClientSampleId :

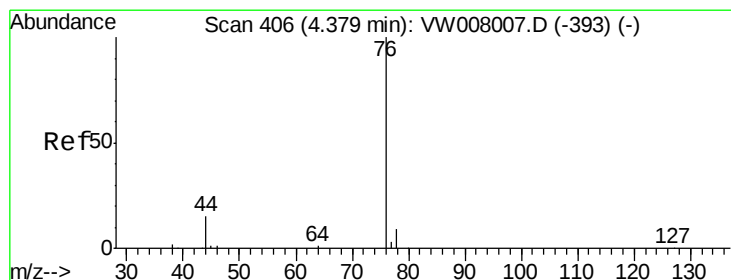
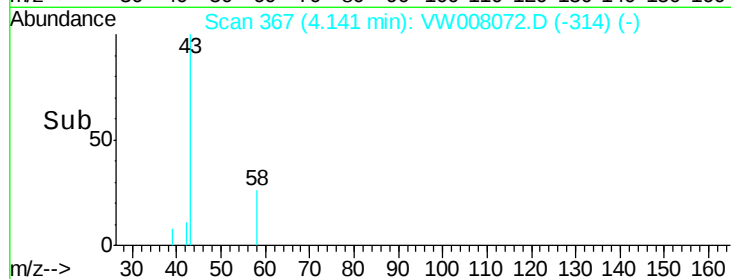
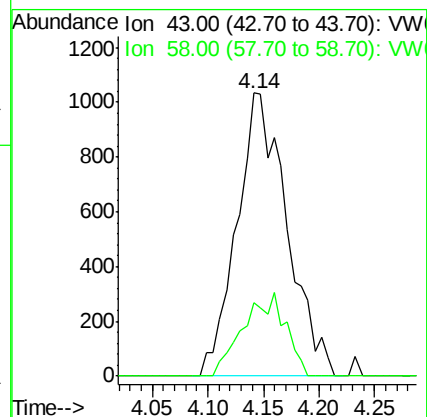
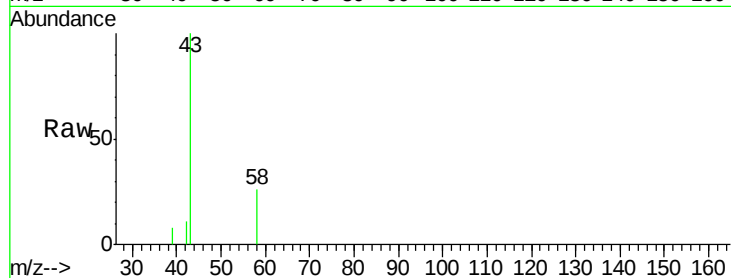
CPSB-17(10-15)

Tot Ion: 43 Resp: 3249

Ion Ratio Lower Upper

43 100

58 25.8 21.7 32.5



#17

Carbon Disulfide

Concen: 3.213 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW008072.D

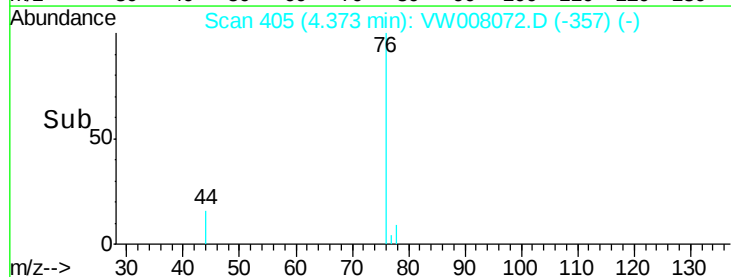
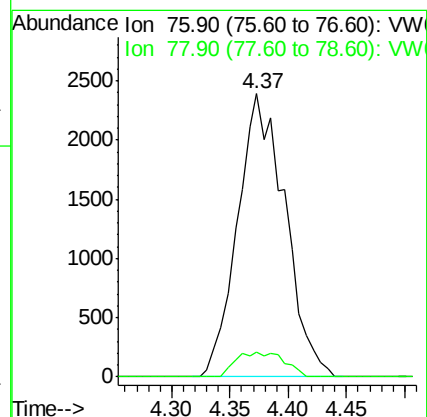
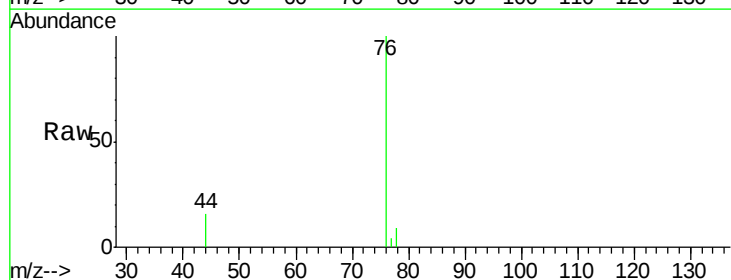
Acq: 07 Jan 2019 16:22

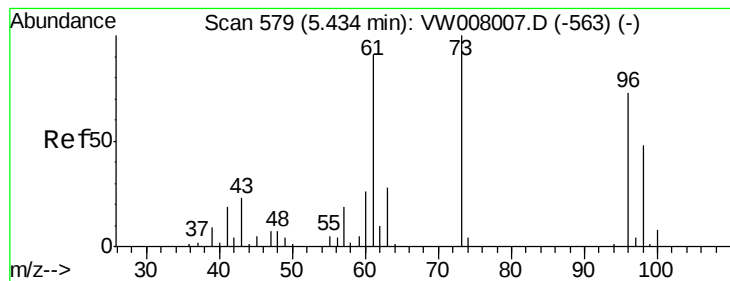
Tgt Ion: 76 Resp: 6765

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.4





#19

Methyl tert-butyl Ether

Concen: 2.349 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.00 min

Lab File: VW008072.D

Acq: 07 Jan 2019 16:22

Instrument :

MSVOA_W

ClientSampleId :

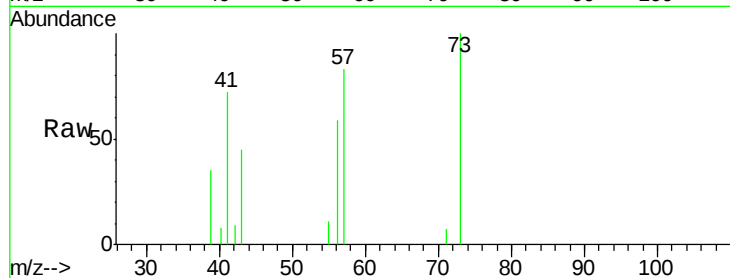
CPSB-17(10-15)

Tot Ion: 73 Resp: 2548

Ion Ratio Lower Upper

73 100

57 82.6 15.4 23.0#



Abundance Ion 73.00 (72.70 to 73.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.43

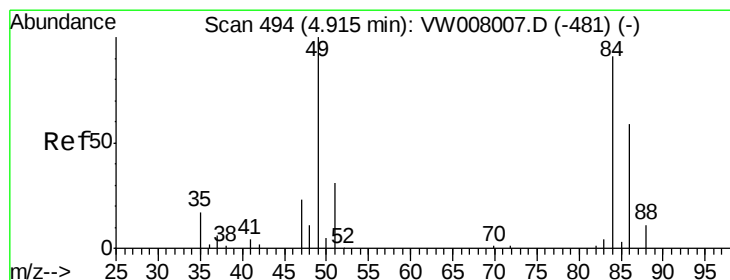
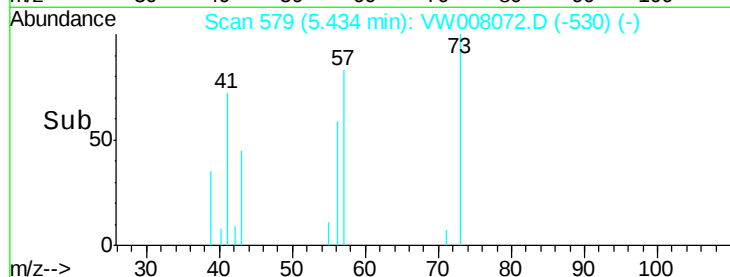
600

400

200

0

Time--> 5.30 5.40 5.50



#20

Methylene Chloride

Concen: 1.873 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW008072.D

Acq: 07 Jan 2019 16:22

Tgt Ion: 84 Resp: 3016

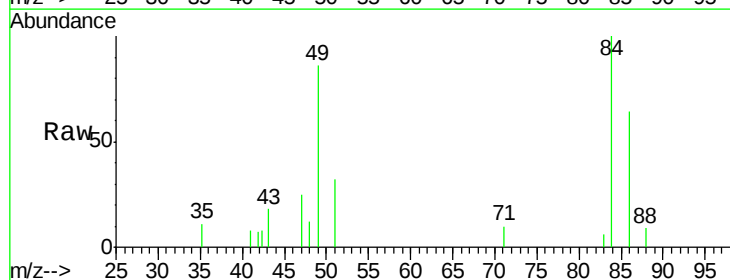
Ion Ratio Lower Upper

84 100

49 86.5 87.7 131.5#

51 31.5 27.3 40.9

86 63.7 51.4 77.0



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

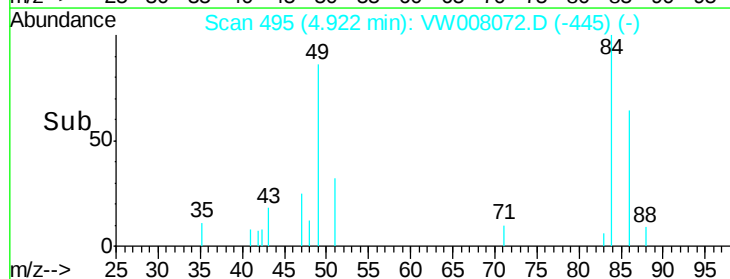
1500

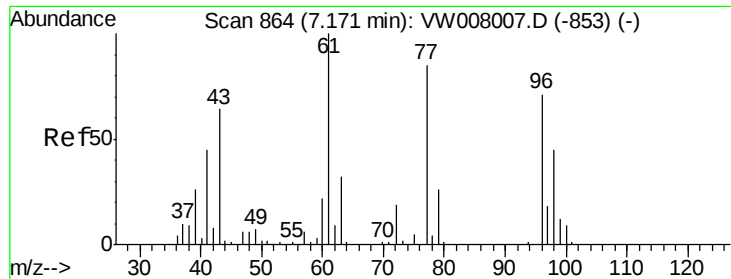
1000

500

0

Time--> 4.85 4.90 4.95 5.00





#25

2-Butanone

Concen: 8.586 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.02 min

Lab File: VW008072.D

Acq: 07 Jan 2019 16:22

Instrument :

MSVOA_W

ClientSampleId :

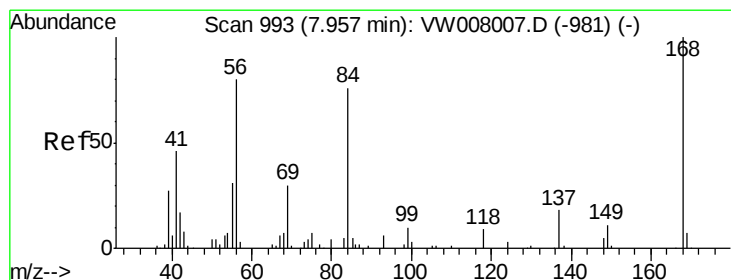
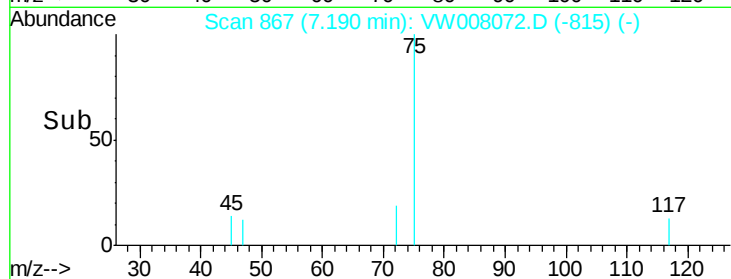
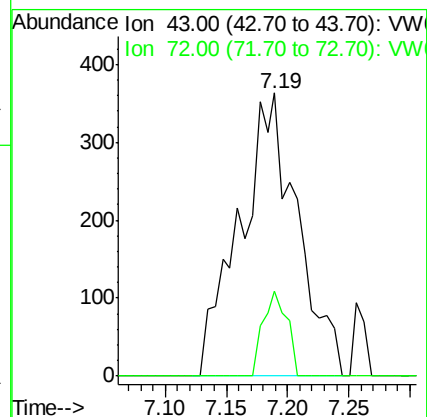
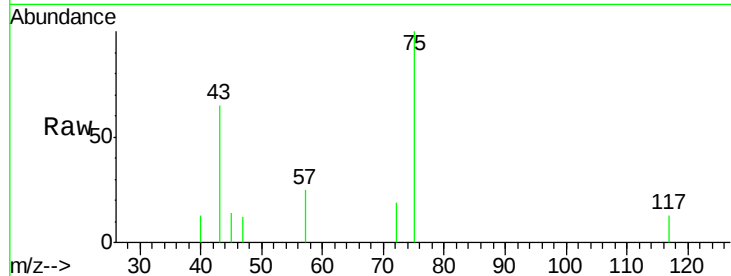
CPSB-17(10-15)

Tot Ion: 43 Resp: 1189

Ion Ratio Lower Upper

43 100

72 30.0 23.8 35.8



#31

Cyclohexane

Concen: 11.474 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW008072.D

Acq: 07 Jan 2019 16:22

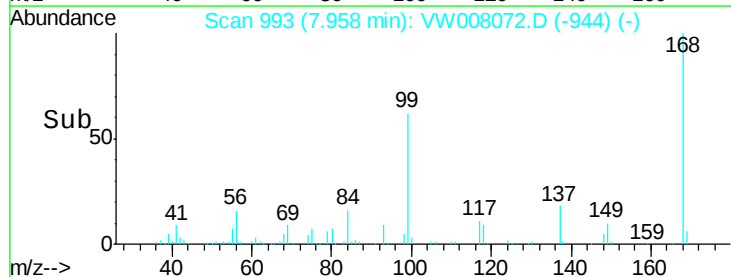
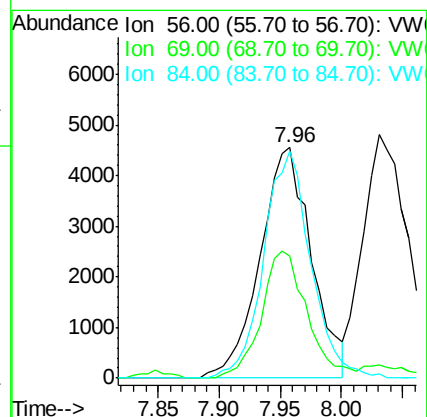
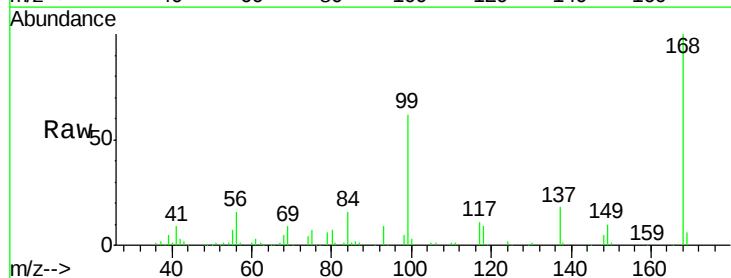
Tgt Ion: 56 Resp: 13317

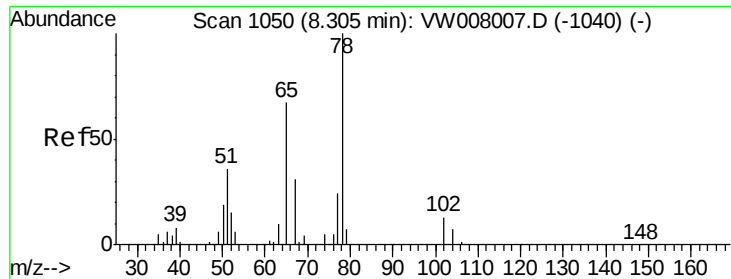
Ion Ratio Lower Upper

56 100

69 53.0 29.8 44.6#

84 98.2 75.2 112.8





#33

1,2-Dichloroethane-d4

Concen: 57.270 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008072.D

Acq: 07 Jan 2019 16:22

Instrument :

MSVOA_W

ClientSampleId :

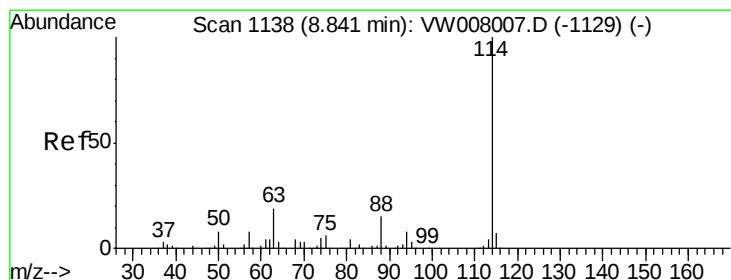
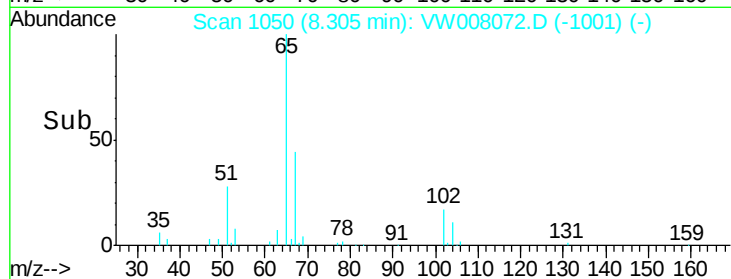
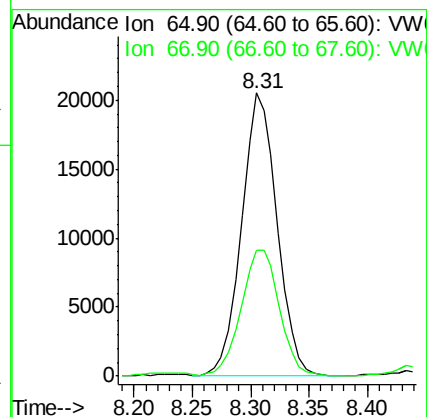
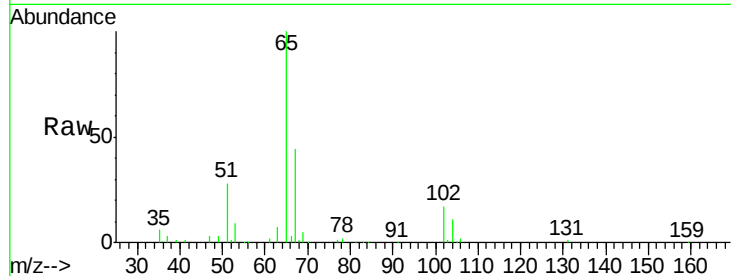
CPSB-17(10-15)

Tot Ion: 65 Resp: 43486

Ion Ratio Lower Upper

65 100

67 48.5 0.0 94.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008072.D

Acq: 07 Jan 2019 16:22

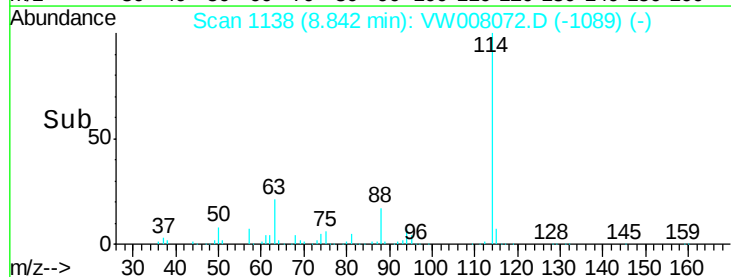
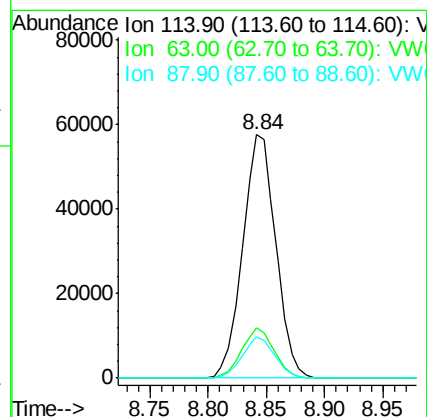
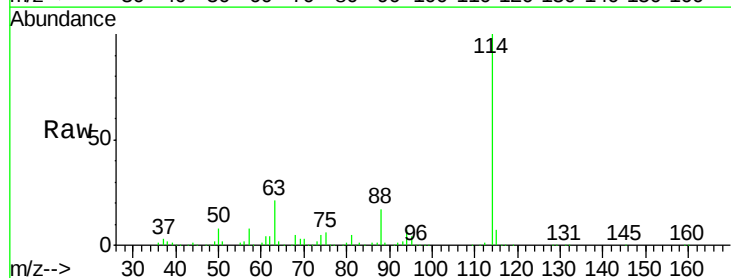
Tgt Ion: 114 Resp: 114339

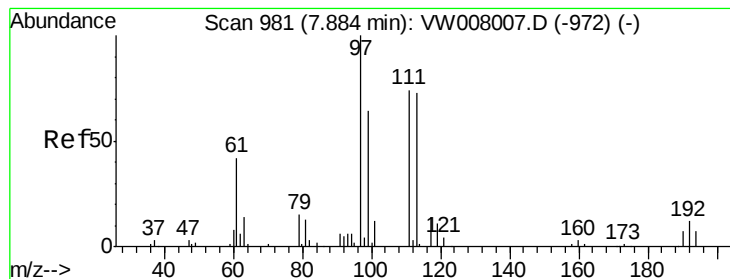
Ion Ratio Lower Upper

114 100

63 20.9 0.0 37.8

88 16.9 0.0 31.0





#35

Dibromofluoromethane

Concen: 49.230 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008072.D

Acq: 07 Jan 2019 16:22

Instrument :

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CPSB-17(10-15)

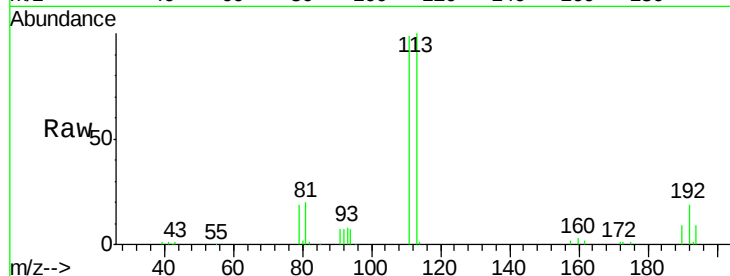
Tot Ion:113 Resp: 35485

Ion Ratio Lower Upper

113 100

111 103.6 81.4 122.0

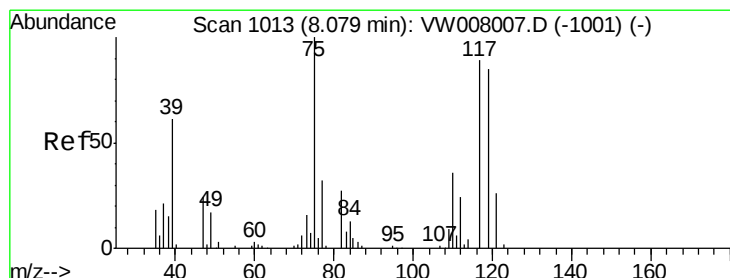
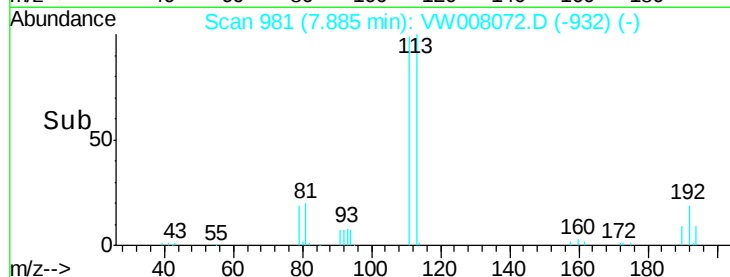
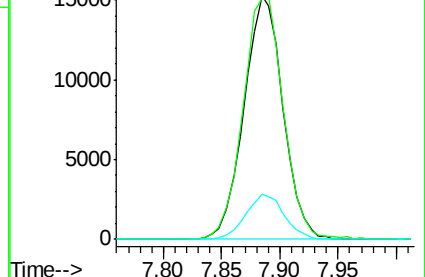
192 18.3 14.8 22.2



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: 4.826 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW008072.D

Acq: 07 Jan 2019 16:22

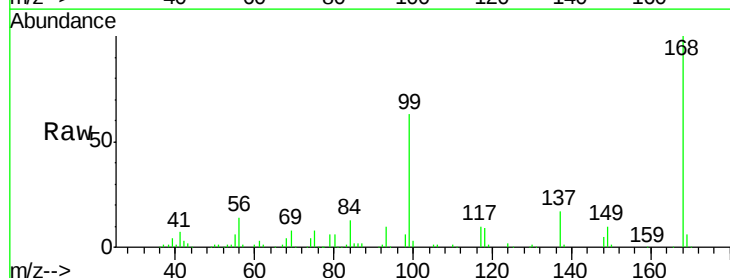
Tgt Ion: 75 Resp: 5443

Ion Ratio Lower Upper

75 100

110 11.8 18.1 54.3#

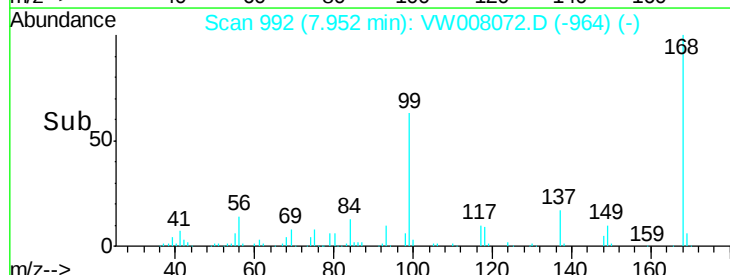
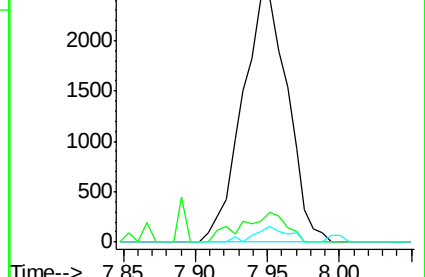
77 4.4 25.3 37.9#

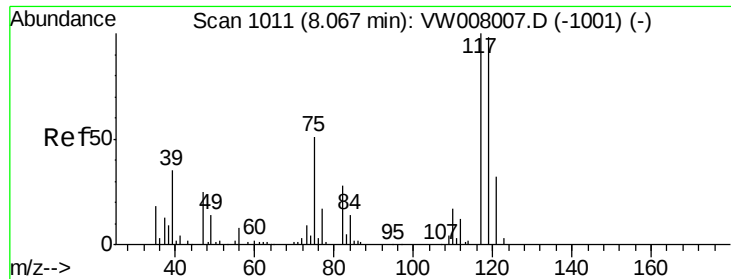


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

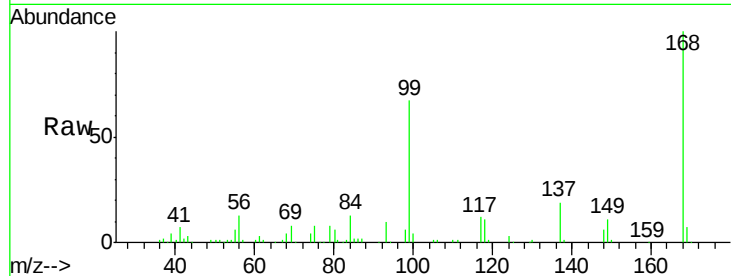




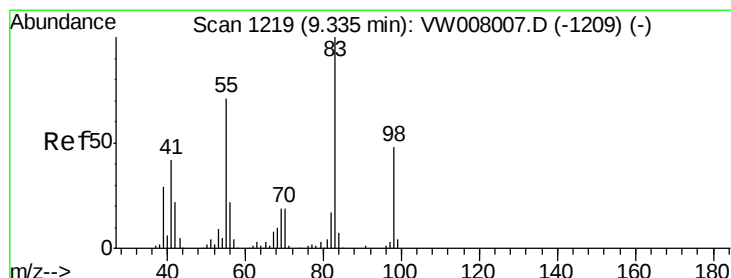
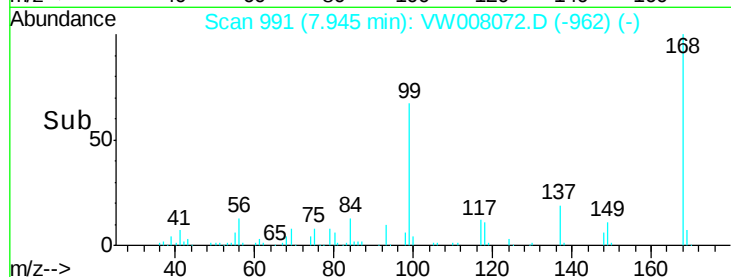
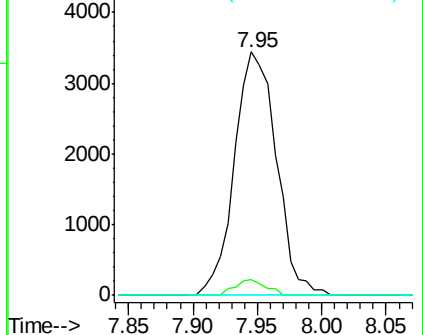
#38
Carbon Tetrachloride
Concen: 5.762 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW008072.D
Acq: 07 Jan 2019 16:22

Instrument :
MSVOA_W
ClientSampleId :
CPSB-17(10-15)

Tot Ion:117 Resp: 7789
Ion Ratio Lower Upper
117 100
119 6.6 78.7 118.1#
121 0.0 25.8 38.8#

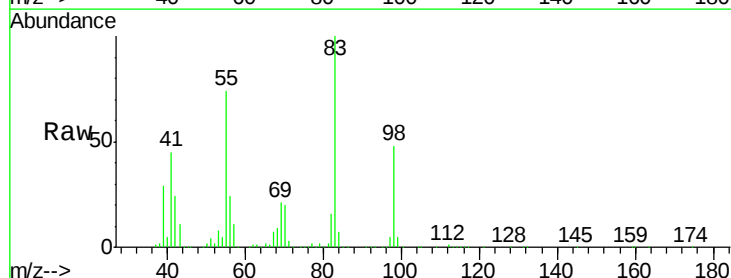


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

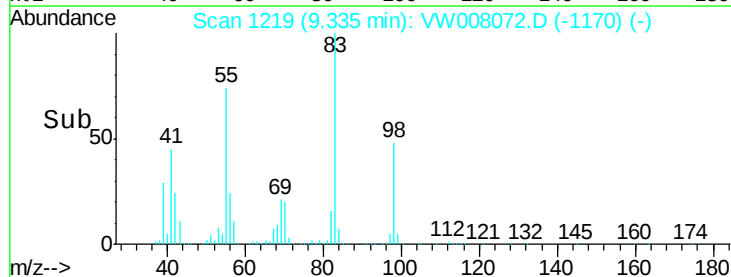
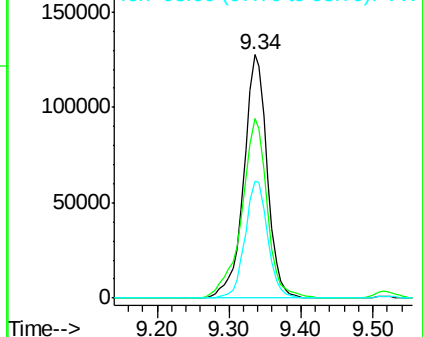


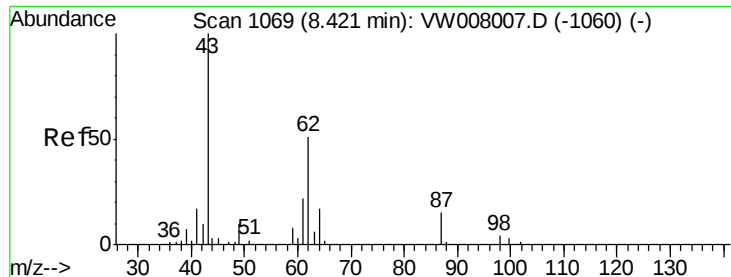
#39
Methylcyclohexane
Concen: 203.823 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008072.D
Acq: 07 Jan 2019 16:22

Tgt Ion: 83 Resp: 286561
Ion Ratio Lower Upper
83 100
55 73.5 56.8 85.2
98 48.1 38.6 58.0



Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW





#43

Isopropyl Acetate

Concen: 10.508 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW008072.D

Acq: 07 Jan 2019 16:22

Instrument :

MSVOA_W

ClientSampleId :

CPSB-17(10-15)

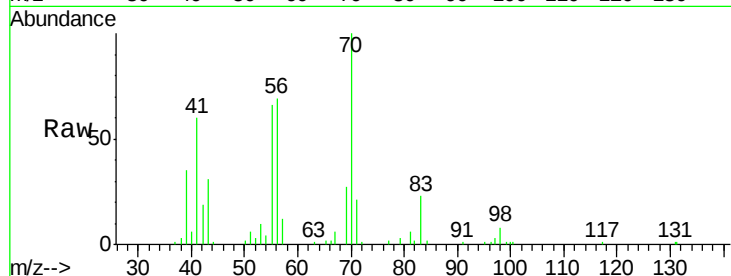
Tot Ion: 43 Resp: 7113

Ion Ratio Lower Upper

43 100

61 0.0 26.4 39.6#

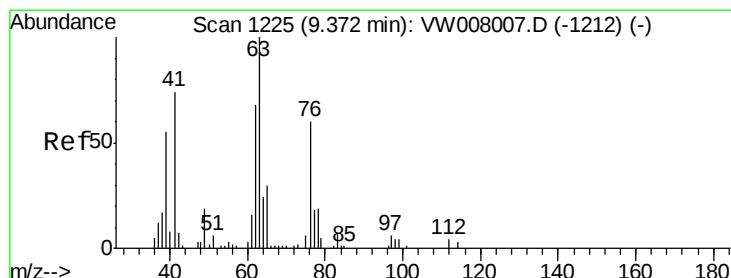
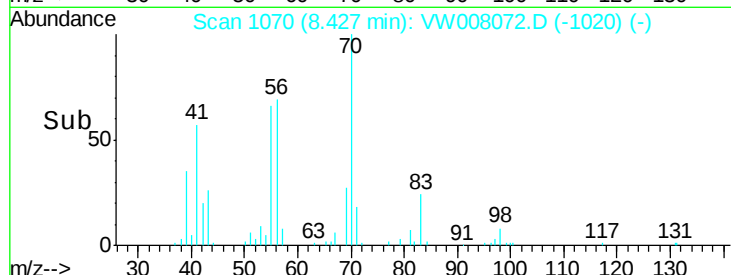
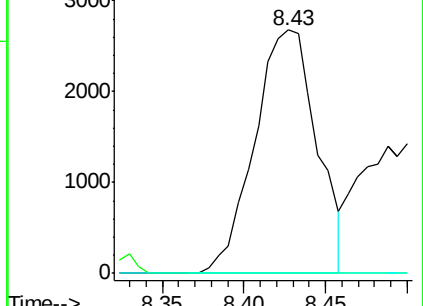
87 0.0 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#45

1,2-Dichloropropane

Concen: 5.885 ug/l

RT: 9.34 min Scan# 1220

Delta R.T. -0.03 min

Lab File: VW008072.D

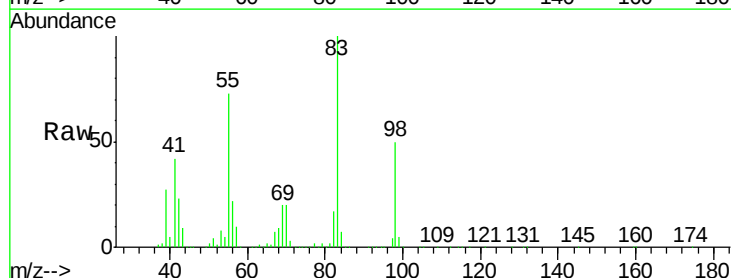
Acq: 07 Jan 2019 16:22

Tgt Ion: 63 Resp: 3790

Ion Ratio Lower Upper

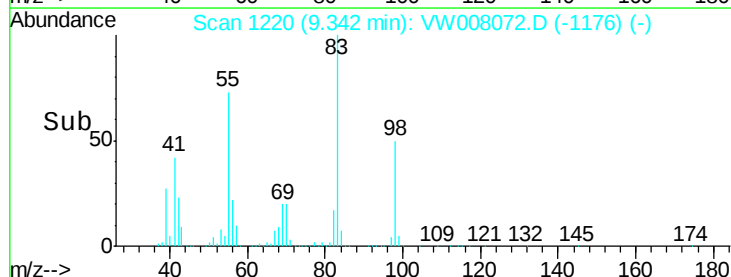
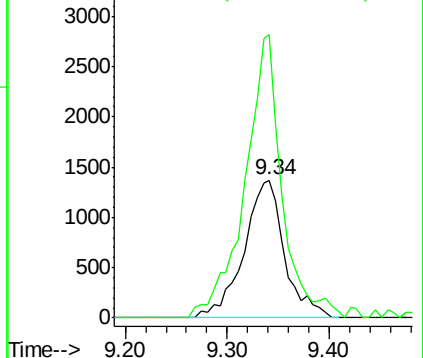
63 100

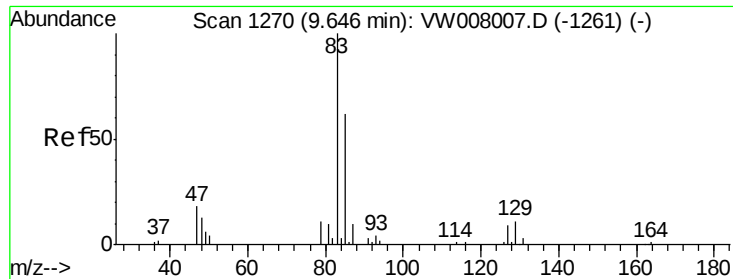
65 205.5 24.2 36.4#



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW





#47

Bromodichloromethane

Concen: 3.829 ug/l

RT: 9.76 min Scan# 1288

Delta R.T. 0.11 min

Lab File: VW008072.D

Acq: 07 Jan 2019 16:22

Instrument :

MSVOA_W

ClientSampled :

CPSB-17(10-15)

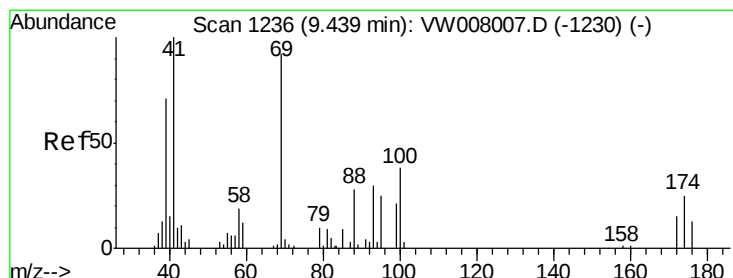
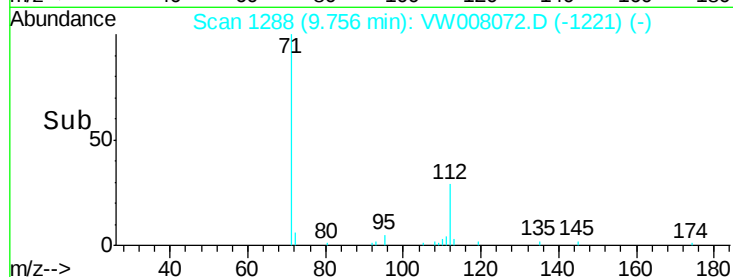
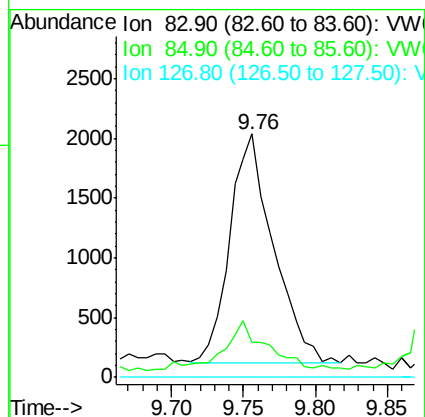
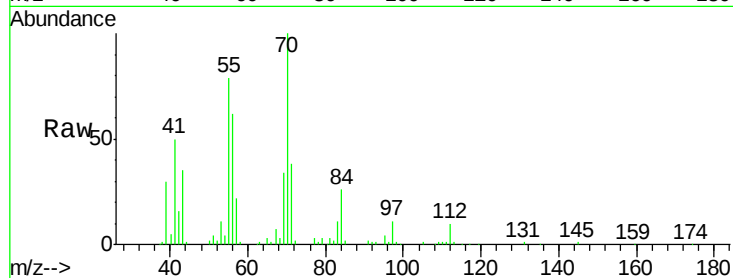
Tot Ion: 83 Resp: 4038

Ion Ratio Lower Upper

83 100

85 11.4 49.5 74.3#

127 0.0 7.5 11.3#



#48

Methyl methacrylate

Concen: 32.178 ug/l

RT: 9.52 min Scan# 1249

Delta R.T. 0.08 min

Lab File: VW008072.D

Acq: 07 Jan 2019 16:22

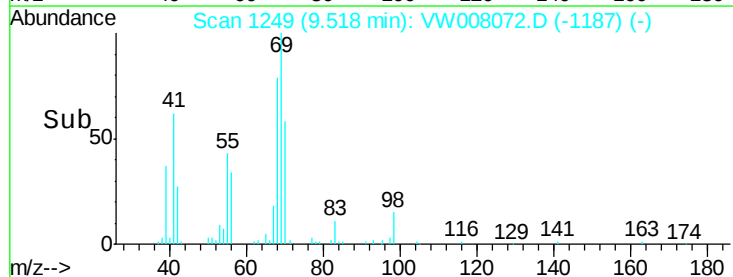
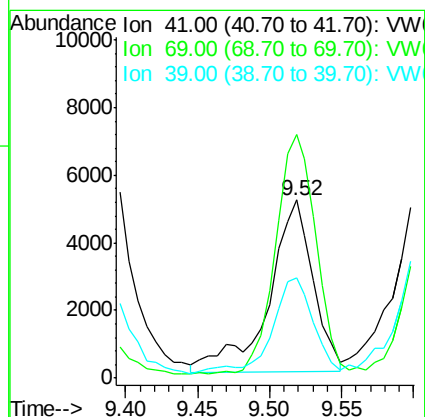
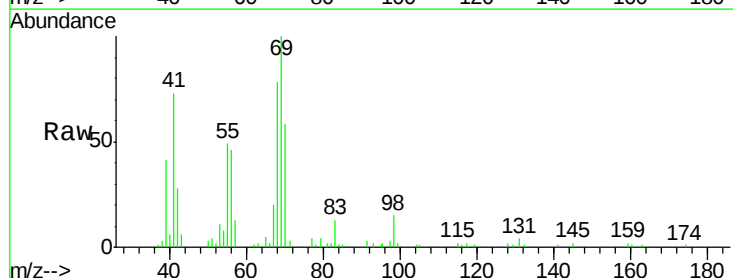
Tgt Ion: 41 Resp: 10983

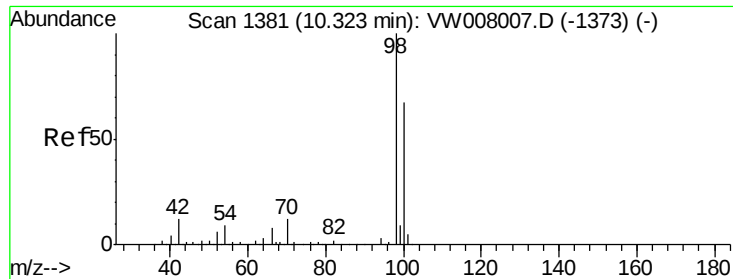
Ion Ratio Lower Upper

41 100

69 128.0 72.3 108.5#

39 55.1 58.7 88.1#





#50

Toluene-d8

Concen: 57.193 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008072.D

Acq: 07 Jan 2019 16:22

Instrument :

MSVOA_W

ClientSampleId :

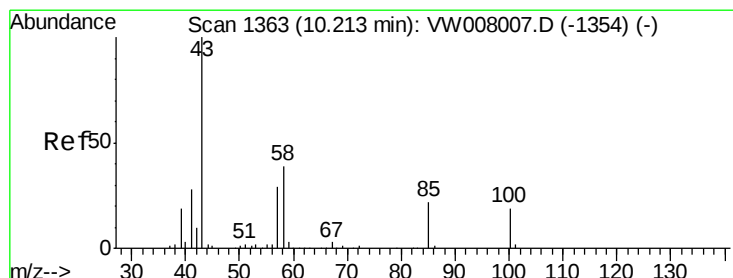
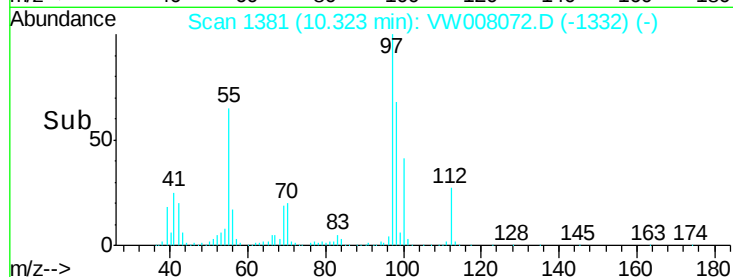
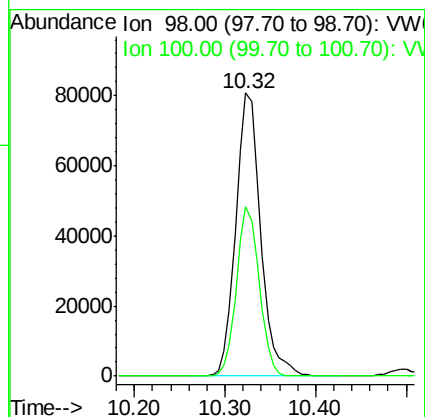
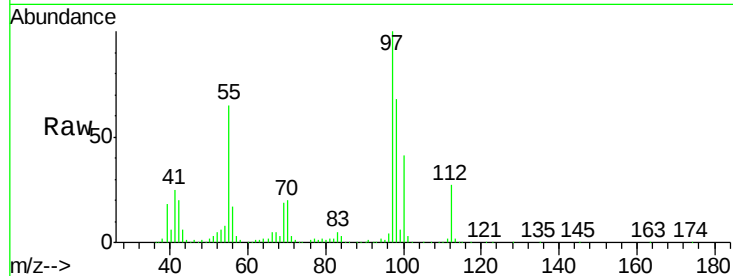
CPSB-17(10-15)

Tot Ion: 98 Resp: 154644

Ion Ratio Lower Upper

98 100

100 54.4 52.9 79.3



#51

4-Methyl-2-Pentanone

Concen: 2.132 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VW008072.D

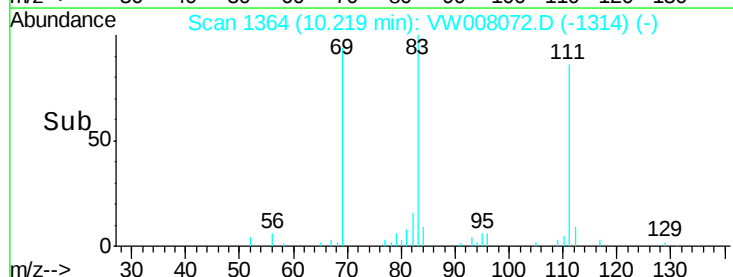
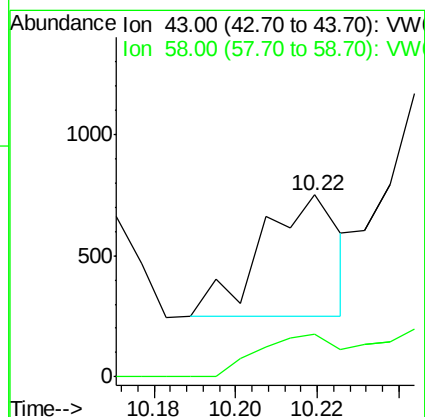
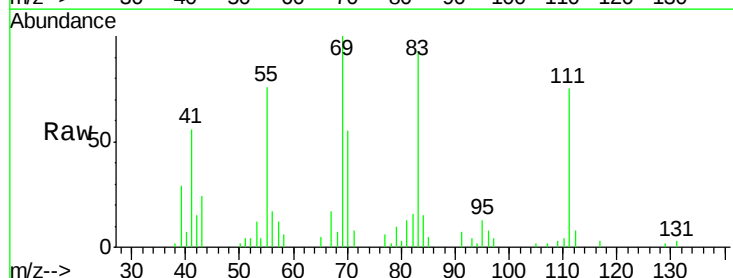
Acq: 07 Jan 2019 16:22

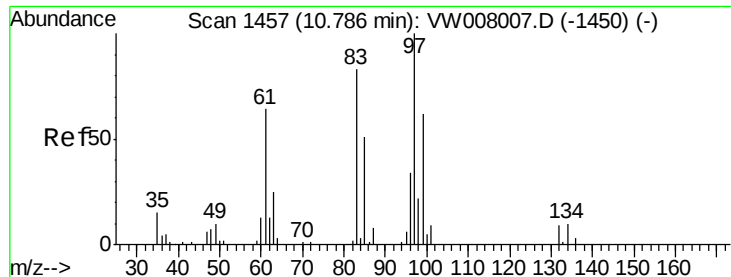
Tgt Ion: 43 Resp: 668

Ion Ratio Lower Upper

43 100

58 35.5 32.0 48.0





#55

1,1,2-Trichloroethane

Concen: 175.298 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.02 min

Lab File: VW008072.D

Acq: 07 Jan 2019 16:22

Instrument :

MSVOA_W

ClientSampleId :

CPSB-17(10-15)

Tot Ion: 97 Resp: 89373

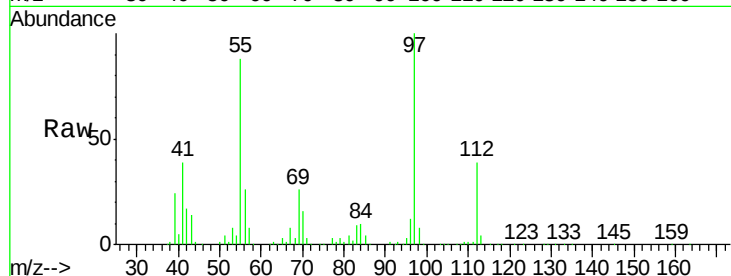
Ion Ratio Lower Upper

97 100

83 8.4 66.2 99.2#

85 4.0 41.0 61.4#

99 0.4 49.3 73.9#

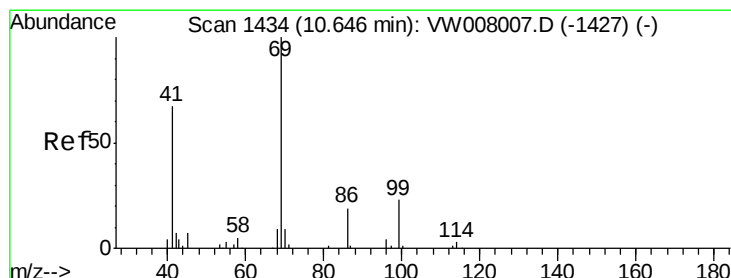
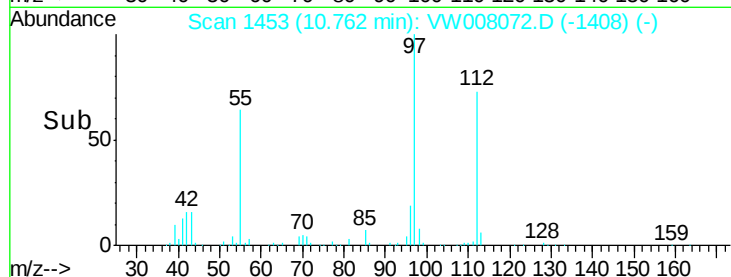
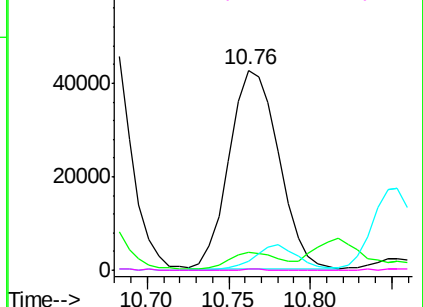


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 69.769 ug/l

RT: 10.66 min Scan# 1437

Delta R.T. 0.02 min

Lab File: VW008072.D

Acq: 07 Jan 2019 16:22

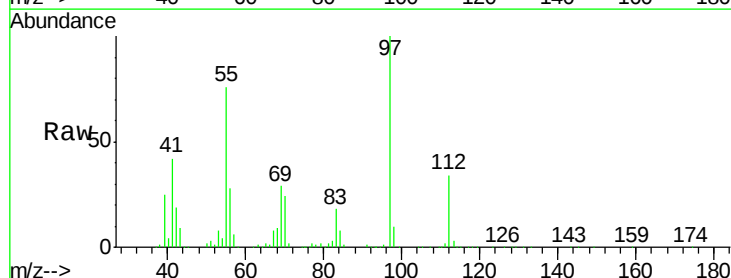
Tgt Ion: 69 Resp: 40213

Ion Ratio Lower Upper

69 100

41 196.4 52.6 79.0#

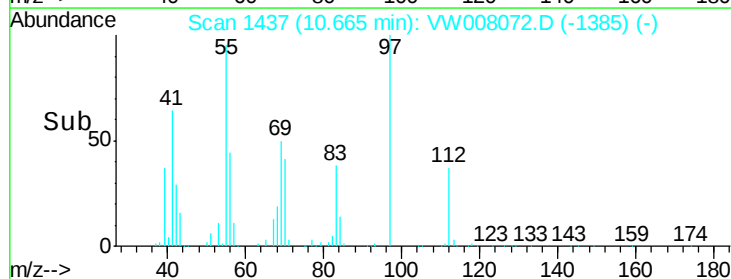
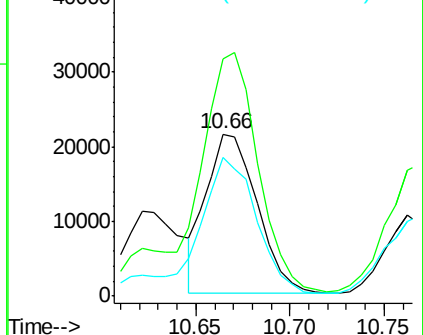
39 106.5 35.8 53.6#

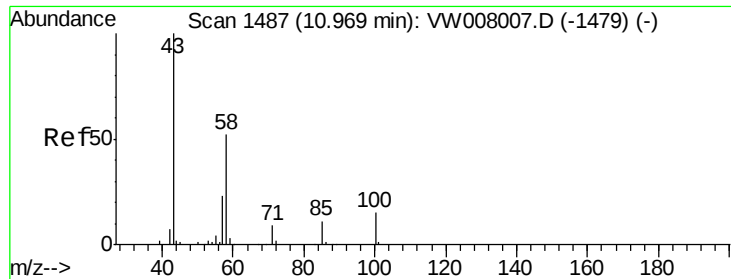


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

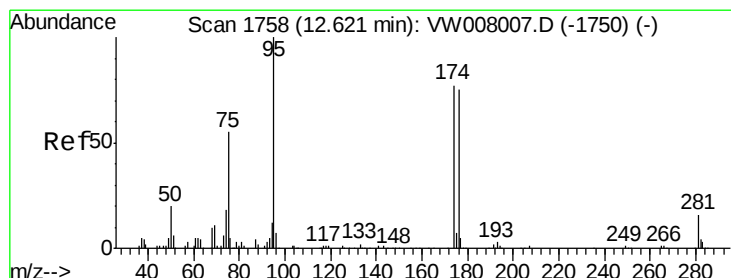
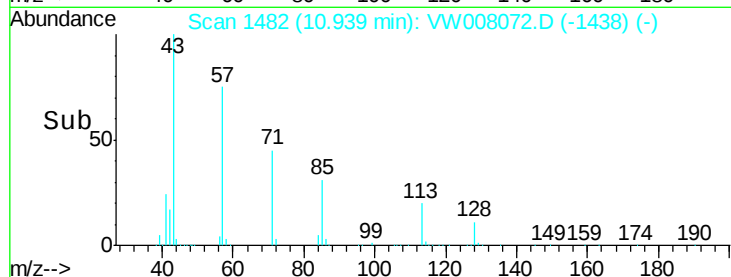
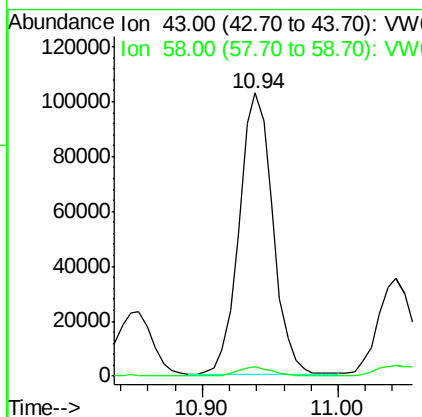
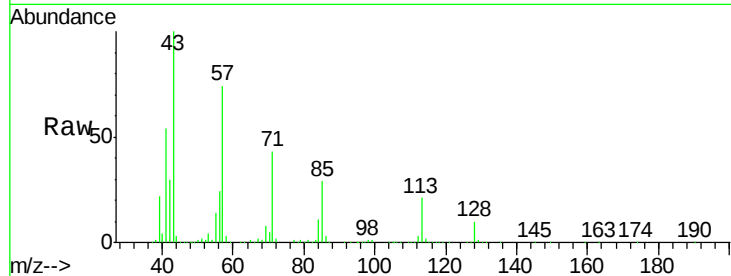




#59
2-Hexanone
Concen: 818.504 ug/l
RT: 10.94 min Scan# 1482
Delta R.T. -0.03 min
Lab File: VW008072.D
Acq: 07 Jan 2019 16:22

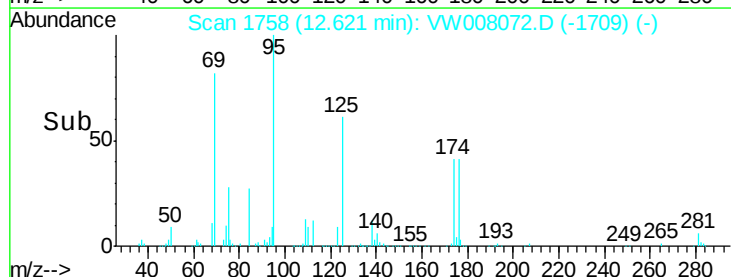
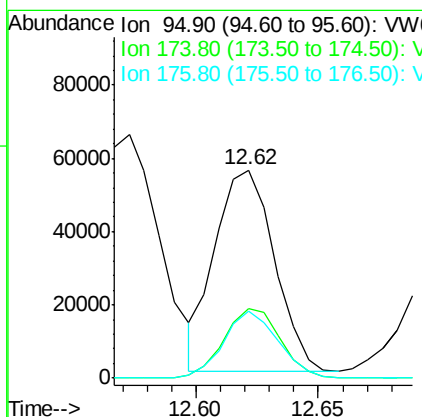
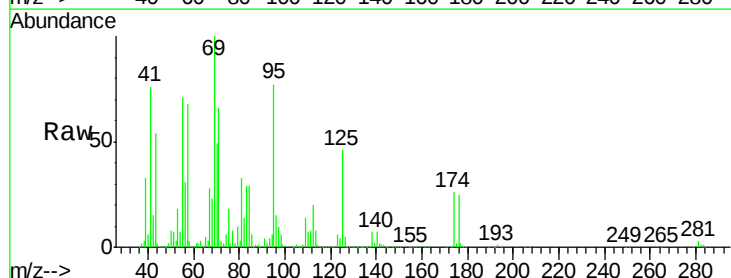
Instrument :
MSVOA_W
ClientSampleId :
CPSB-17(10-15)

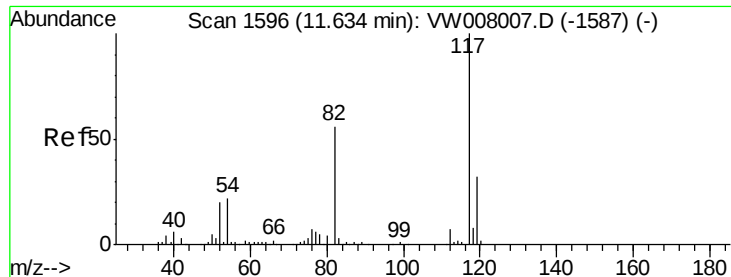
Tot Ion: 43 Resp: 177062
Ion Ratio Lower Upper
43 100
58 3.5 27.1 81.2#



#62
4-Bromofluorobenzene
Concen: 89.159 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008072.D
Acq: 07 Jan 2019 16:22

Tgt Ion: 95 Resp: 92454
Ion Ratio Lower Upper
95 100
174 32.7 0.0 149.6
176 30.8 0.0 145.4

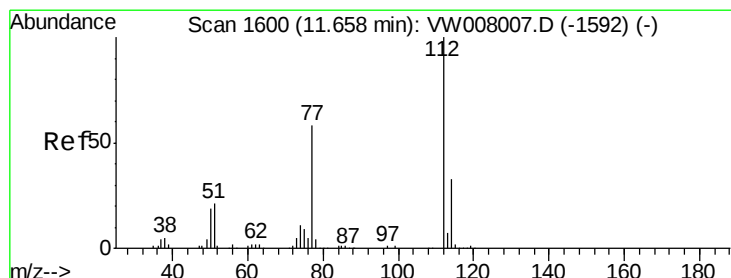
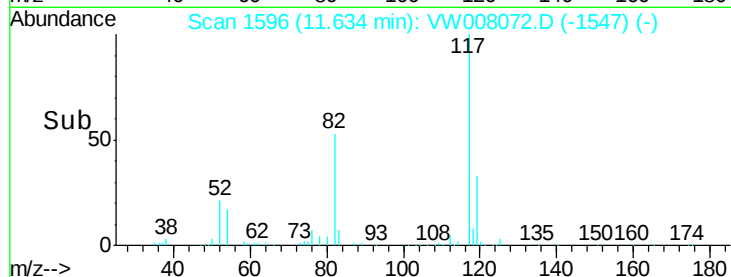
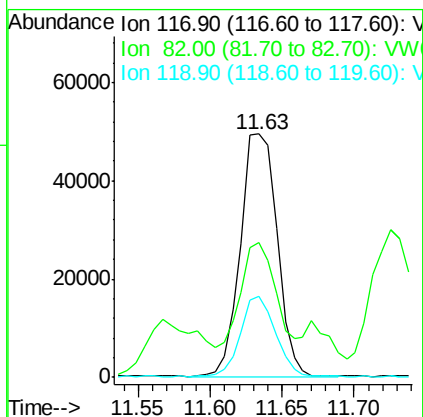
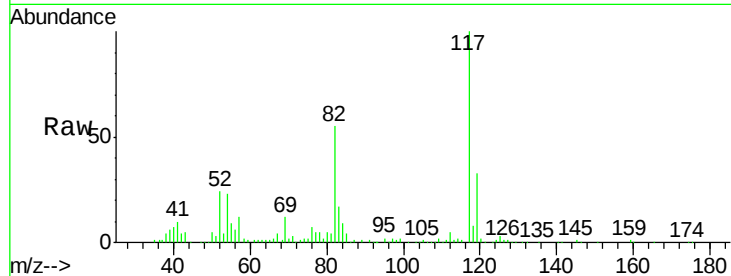




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008072.D
Acq: 07 Jan 2019 16:22

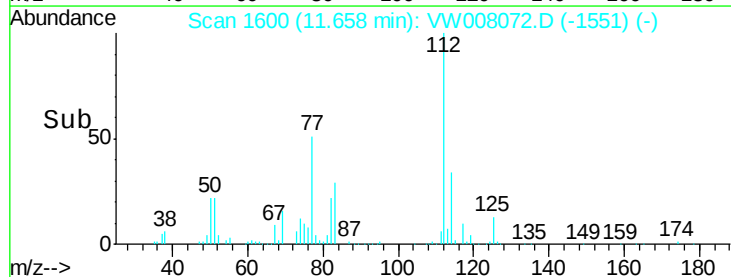
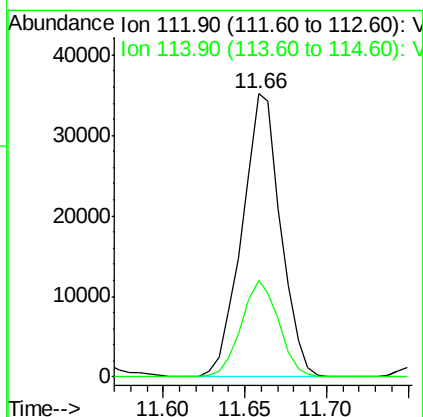
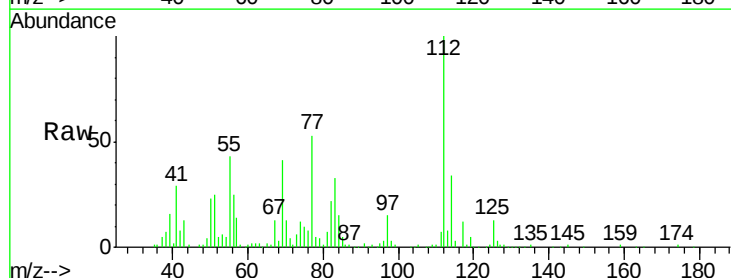
Instrument :
MSVOA_W
ClientSampleId :
CPSB-17(10-15)

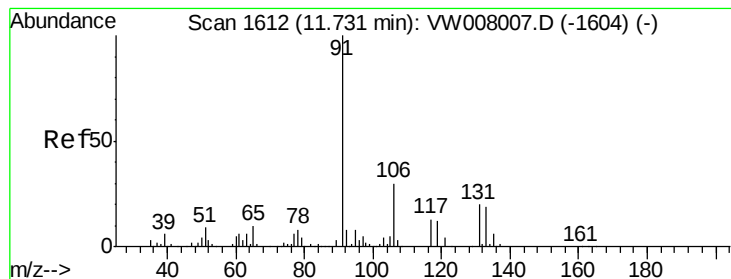
Tot Ion:117 Resp: 87363
Ion Ratio Lower Upper
117 100
82 45.5 44.8 67.2
119 32.8 25.6 38.4



#65
Chlorobenzene
Concen: 30.882 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008072.D
Acq: 07 Jan 2019 16:22

Tgt Ion:112 Resp: 57661
Ion Ratio Lower Upper
112 100
114 34.1 26.0 39.0





#67

Ethyl Benzene

Concen: 1.381 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008072.D

Acq: 07 Jan 2019 16:22

Instrument :

MSVOA_W

ClientSampleId :

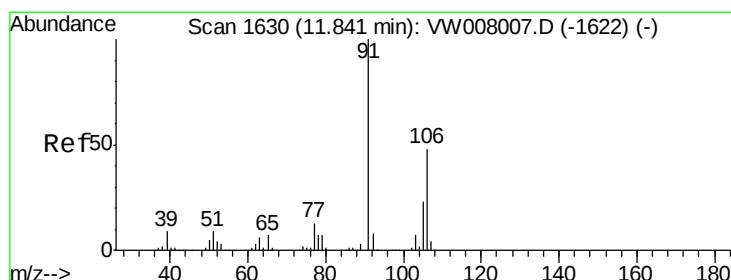
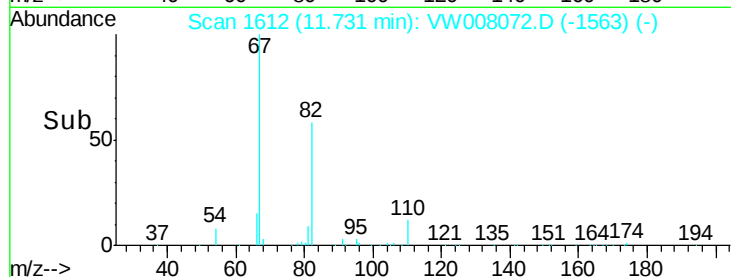
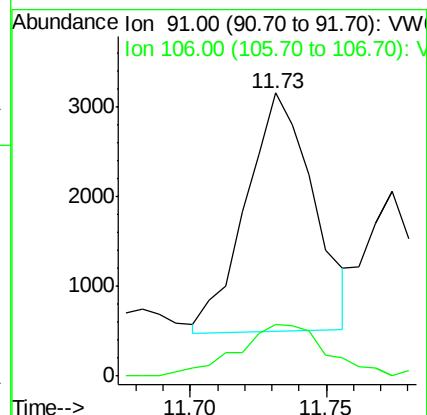
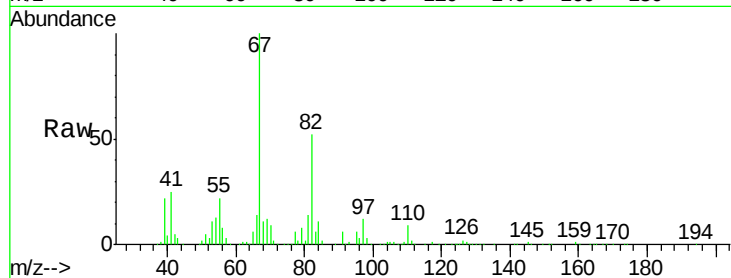
CPSB-17(10-15)

Tot Ion: 91 Resp: 4578

Ion Ratio Lower Upper

91 100

106 18.7 24.3 36.5#



#68

m/p-Xylenes

Concen: 1.396 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW008072.D

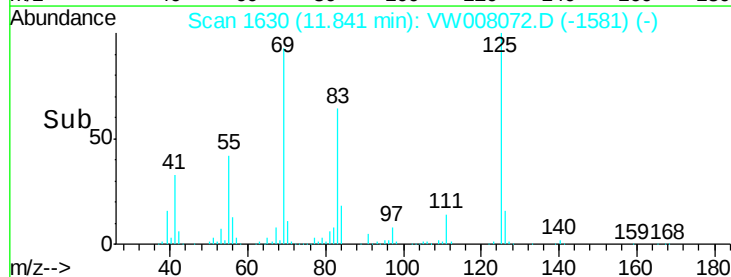
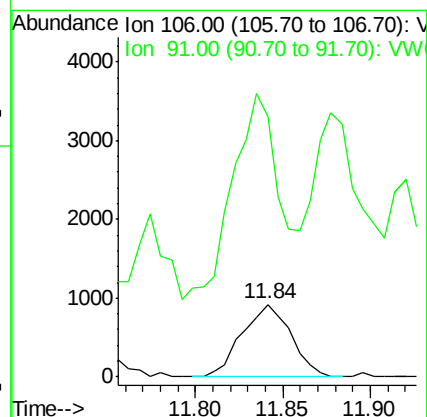
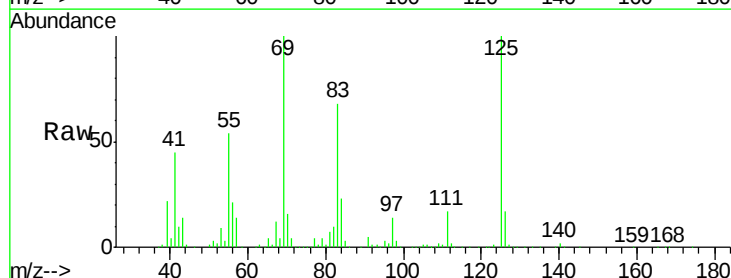
Acq: 07 Jan 2019 16:22

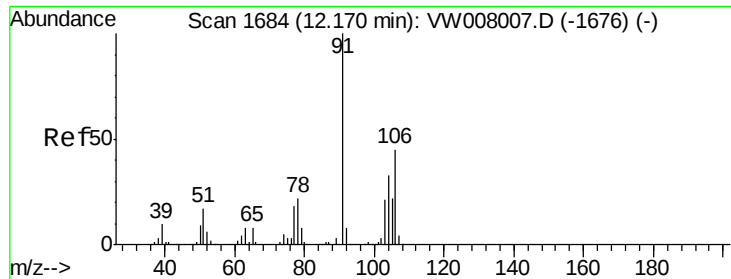
Tgt Ion: 106 Resp: 1788

Ion Ratio Lower Upper

106 100

91 396.5 165.8 248.8#

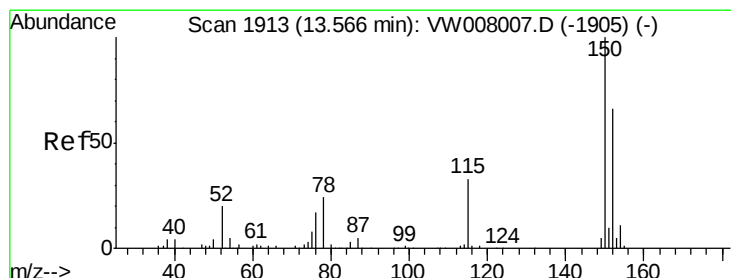
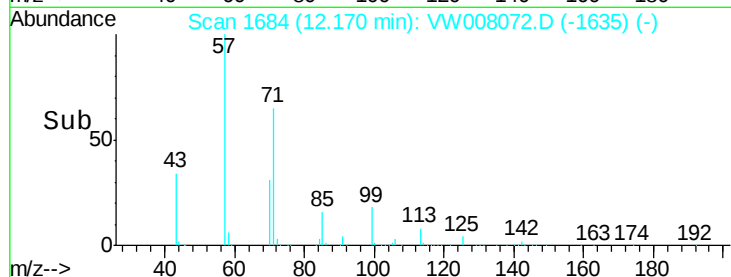
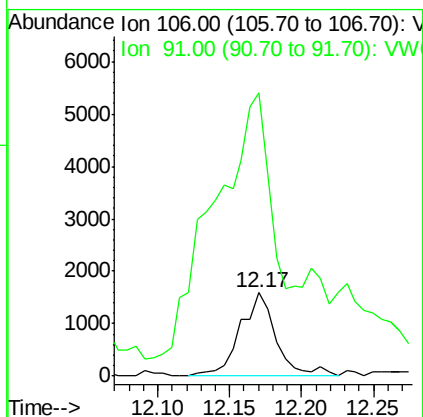
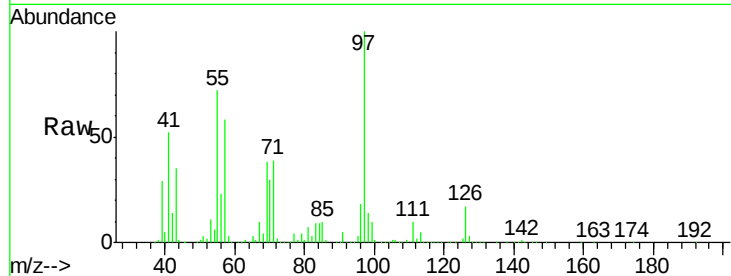




#69
o-Xylene
Concen: 2.335 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008072.D
Acq: 07 Jan 2019 16:22

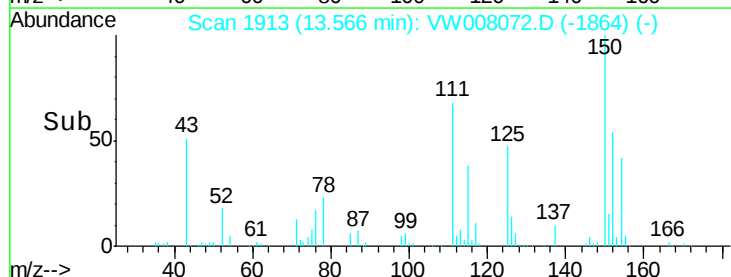
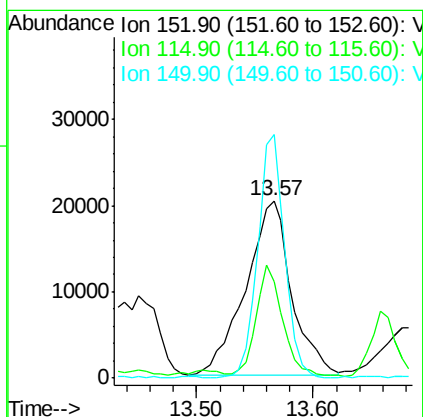
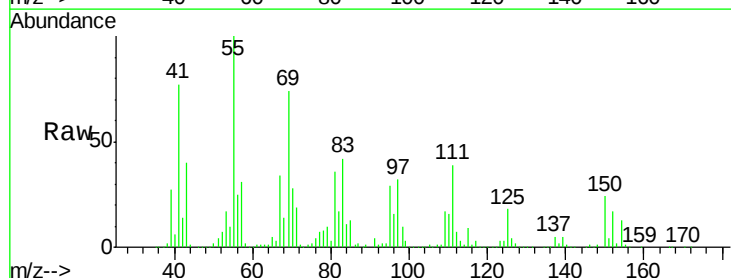
Instrument :
MSVOA_W
ClientSampleId :
CPSB-17(10-15)

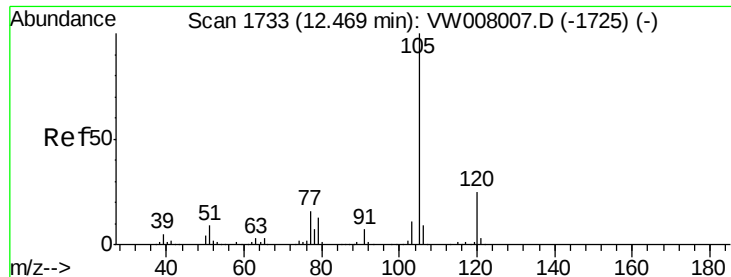
Tot Ion:106 Resp: 2784
Ion Ratio Lower Upper
106 100
91 536.1 110.6 331.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW008072.D
Acq: 07 Jan 2019 16:22

Tgt Ion:152 Resp: 55277
Ion Ratio Lower Upper
152 100
115 36.6 32.1 96.5
150 82.4 0.0 345.0





#73

Isopropylbenzene

Concen: 73.669 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW008072.D

Acq: 07 Jan 2019 16:22

Instrument :

MSVOA_W

ClientSampleId :

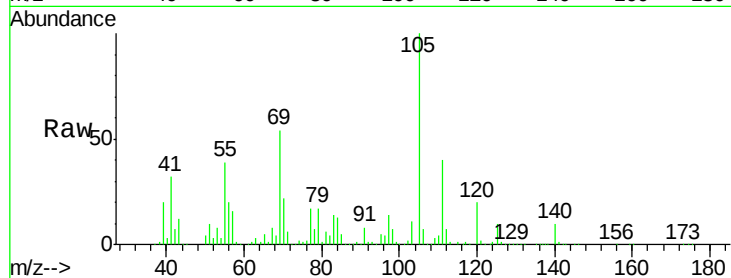
CPSB-17(10-15)

Tot Ion:105 Resp: 323812

Ion Ratio Lower Upper

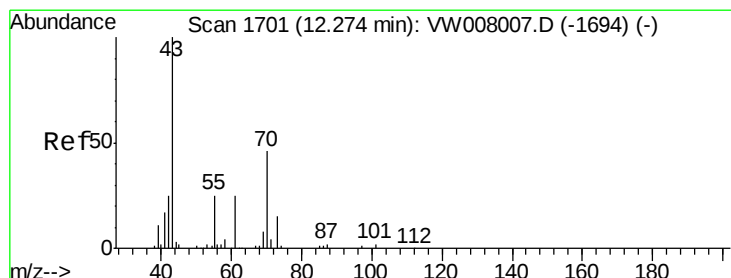
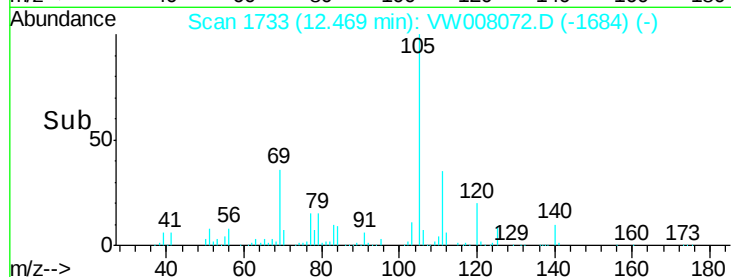
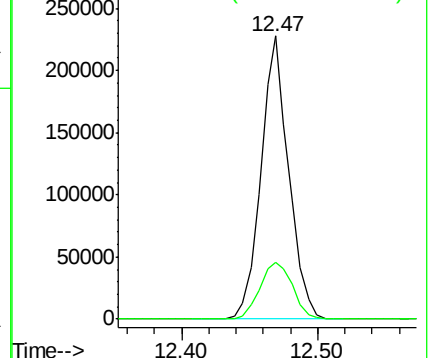
105 100

120 23.7 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 454.270 ug/l

RT: 12.26 min Scan# 1699

Delta R.T. -0.01 min

Lab File: VW008072.D

Acq: 07 Jan 2019 16:22

Tgt Ion: 43 Resp: 310816

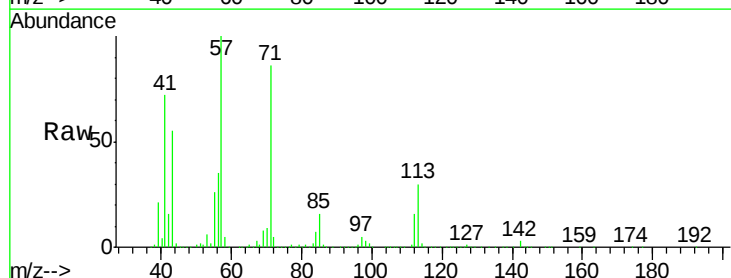
Ion Ratio Lower Upper

43 100

70 0.0 35.2 52.8#

55 0.0 21.4 32.0#

61 0.0 19.4 29.0#

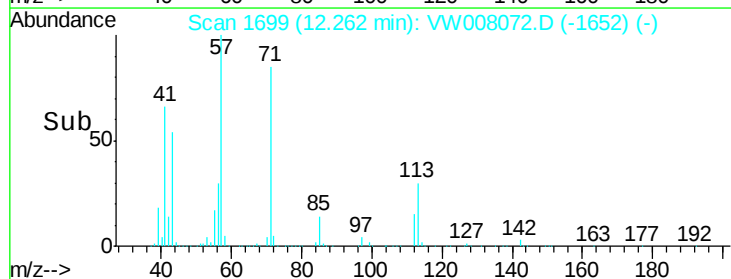
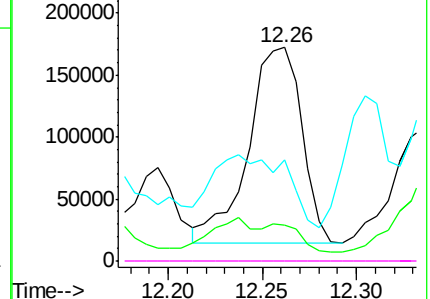


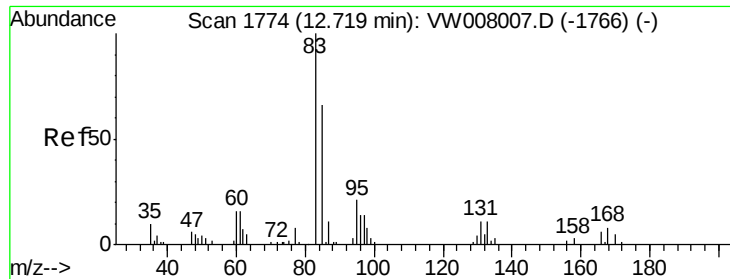
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 113.485 ug/l

RT: 12.70 min Scan# 1771

Delta R.T. -0.02 min

Lab File: VW008072.D

Acq: 07 Jan 2019 16:22

Instrument :

MSVOA_W

ClientSampleId :

CPSB-17(10-15)

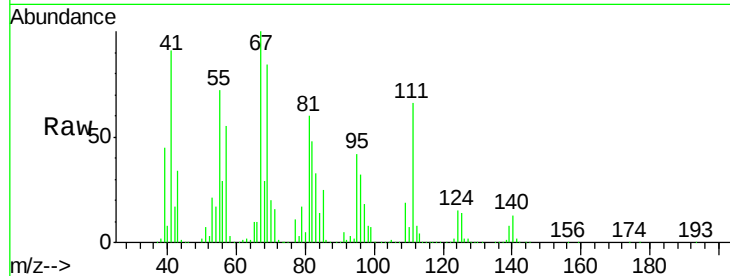
Tot Ion: 83 Resp: 63469

Ion Ratio Lower Upper

83 100

131 0.0 6.5 19.5#

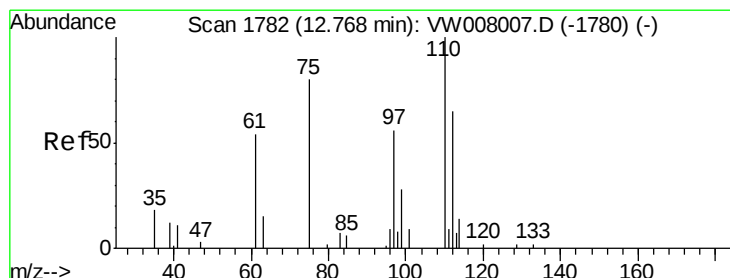
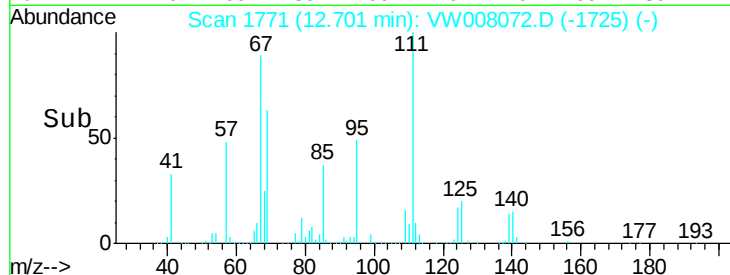
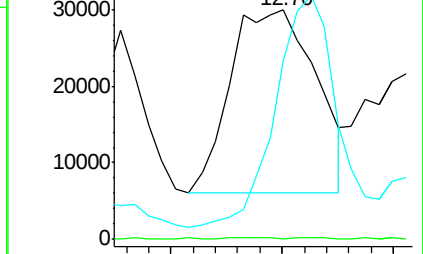
85 91.7 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 11.707 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.04 min

Lab File: VW008072.D

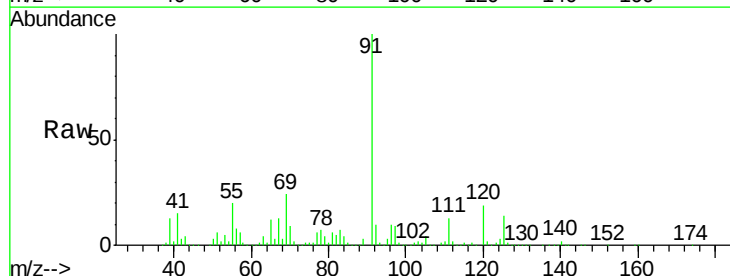
Acq: 07 Jan 2019 16:22

Tgt Ion: 75 Resp: 5148

Ion Ratio Lower Upper

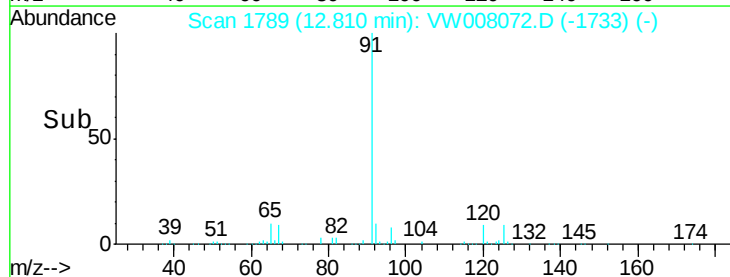
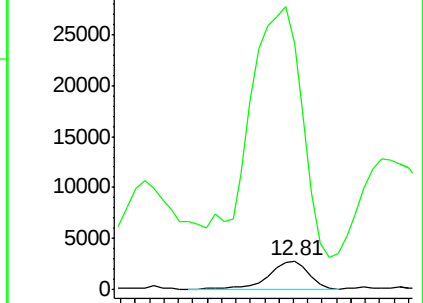
75 100

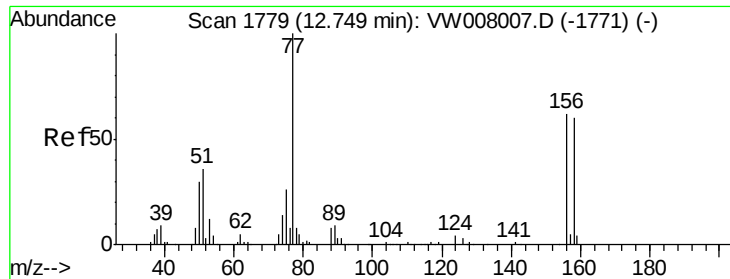
77 1142.9 186.2 558.6#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 1.311 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.04 min

Lab File: VW008072.D

Acq: 07 Jan 2019 16:22

Instrument :

MSVOA_W

ClientSampleId :

CPSB-17(10-15)

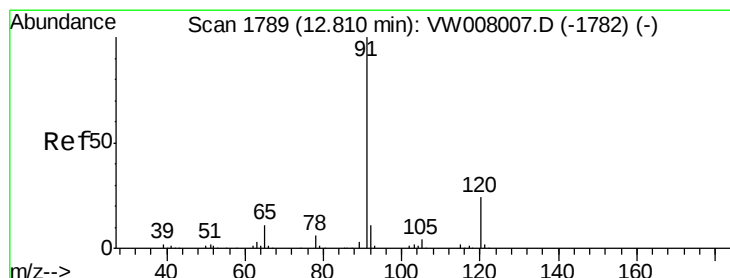
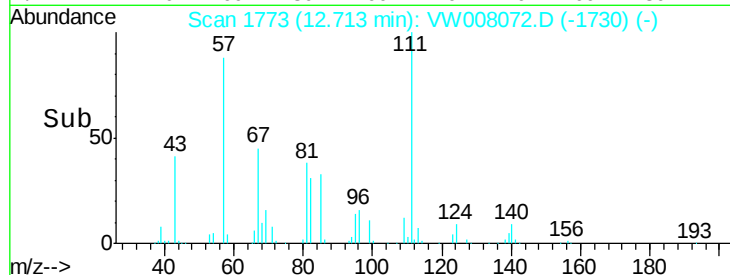
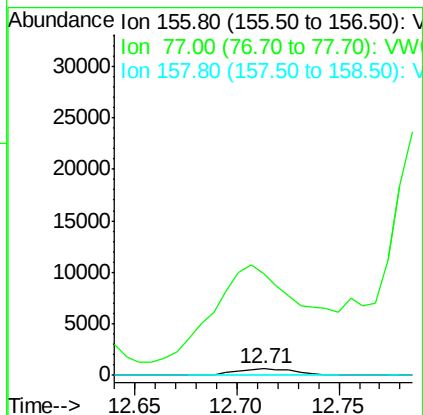
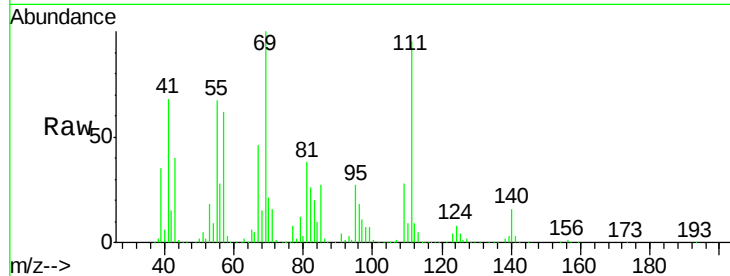
Tot Ion:156 Resp: 1239

Ion Ratio Lower Upper

156 100

77 2397.6 87.9 263.8#

158 0.0 47.8 143.4#



#78

n-propylbenzene

Concen: 126.664 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW008072.D

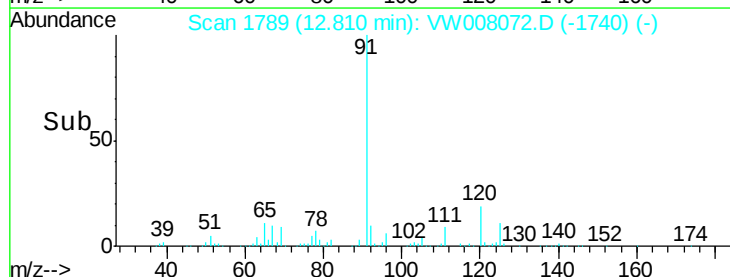
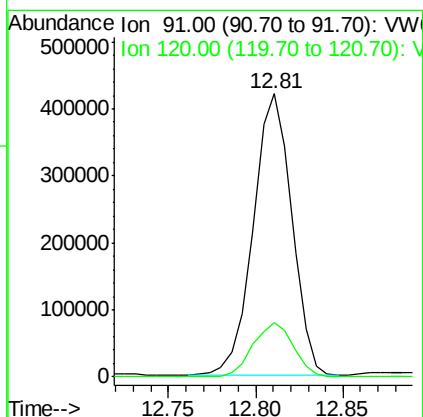
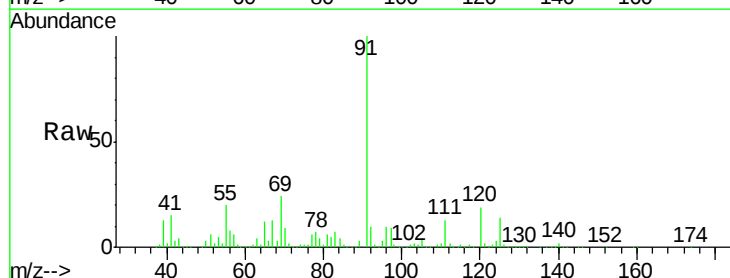
Acq: 07 Jan 2019 16:22

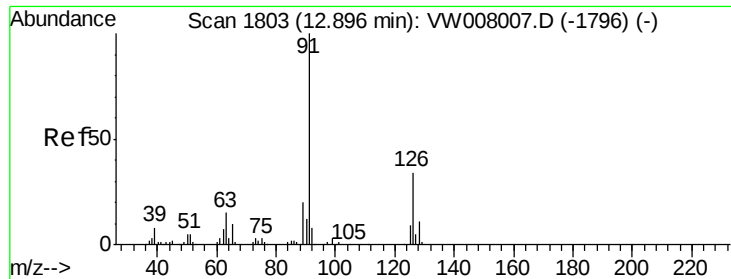
Tgt Ion: 91 Resp: 645505

Ion Ratio Lower Upper

91 100

120 20.1 11.5 34.5

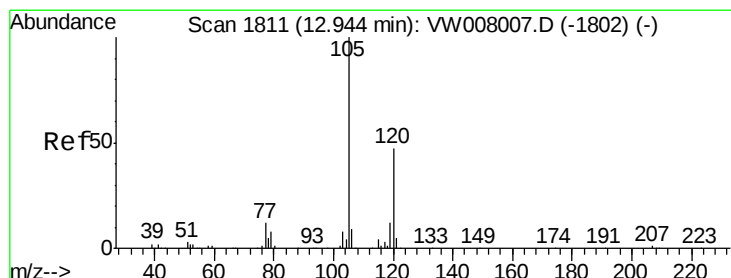
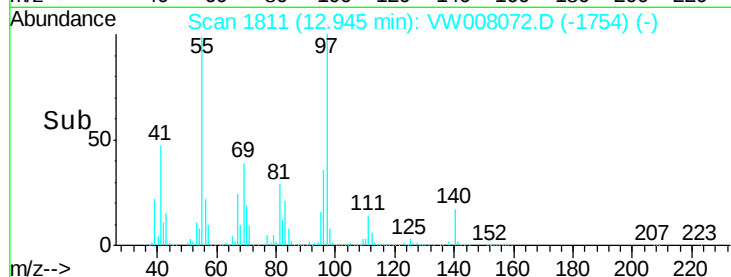
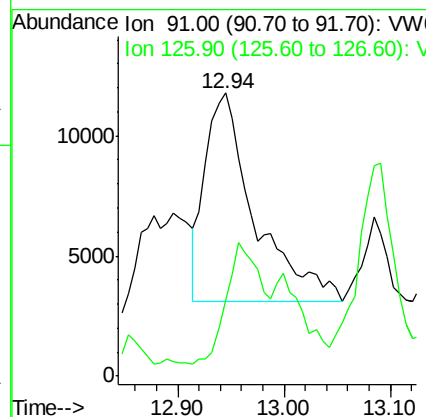
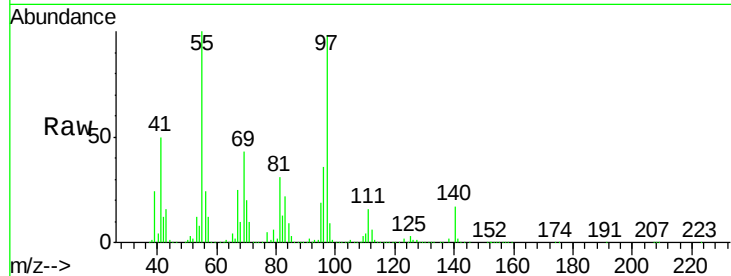




#79
 2-Chlorotoluene
 Concen: 9.417 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.05 min
 Lab File: VW008072.D
 Acq: 07 Jan 2019 16:22

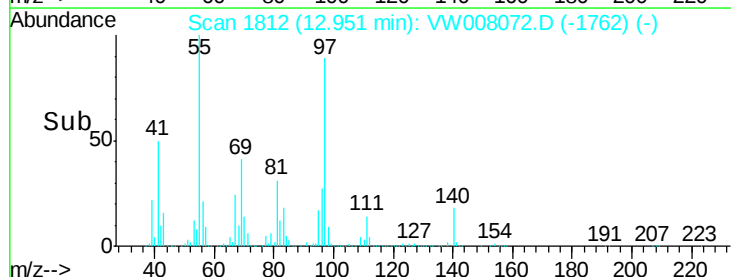
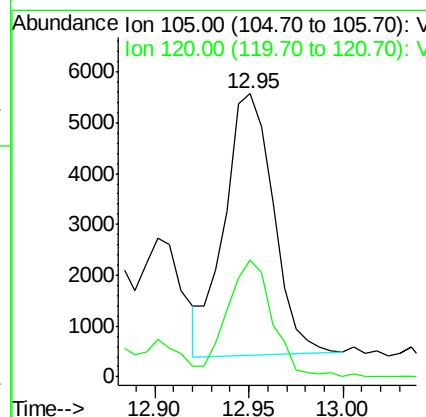
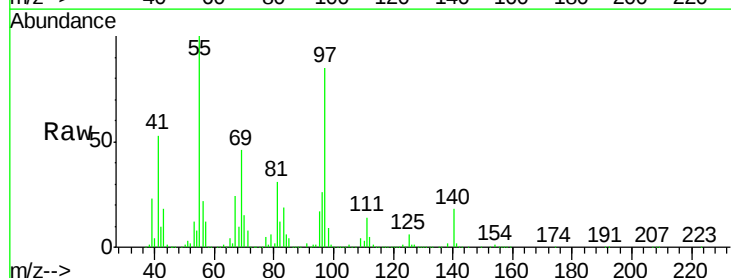
Instrument :
 MSVOA_W
 ClientSampled :
 CPSB-17(10-15)

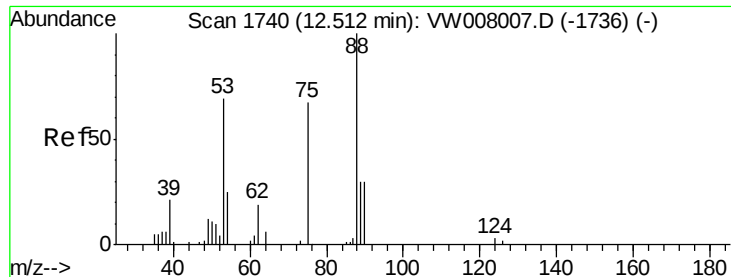
Tot Ion: 91 Resp: 27738
 Ion Ratio Lower Upper
 91 100
 126 42.4 17.1 51.2



#80
 1,3,5-Trimethylbenzene
 Concen: 2.457 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: VW008072.D
 Acq: 07 Jan 2019 16:22

Tgt Ion: 105 Resp: 9297
 Ion Ratio Lower Upper
 105 100
 120 0.0 23.3 69.9#





#81

trans-1,4-Dichloro-2-butene

Concen: 24.522 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.04 min

Lab File: VW008072.D

Acq: 07 Jan 2019 16:22

Instrument :

MSVOA_W

ClientSampleId :

CPSB-17(10-15)

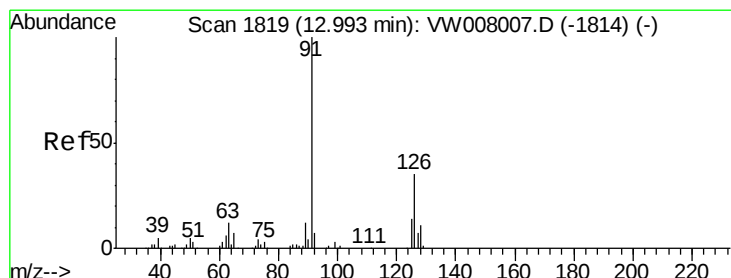
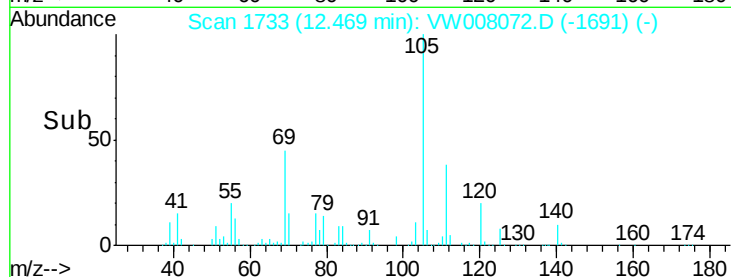
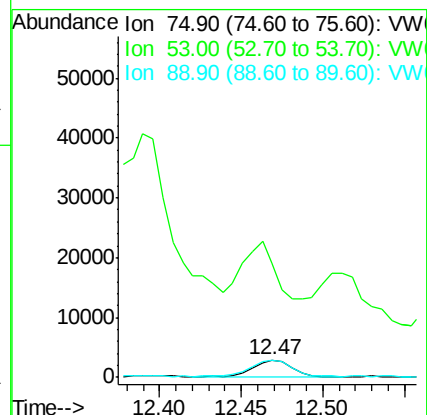
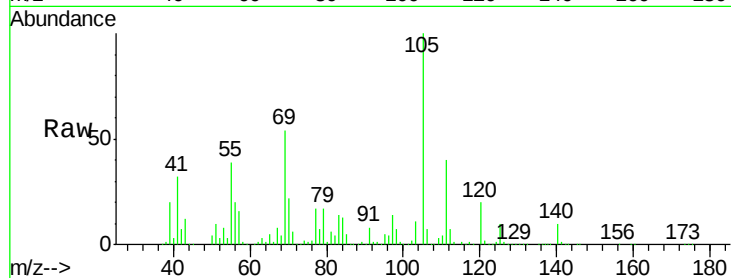
Tot Ion: 75 Resp: 4560

Ion Ratio Lower Upper

75 100

53 274.6 87.6 131.4#

89 103.8 42.2 63.2#



#82

4-Chlorotoluene

Concen: 8.857 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.05 min

Lab File: VW008072.D

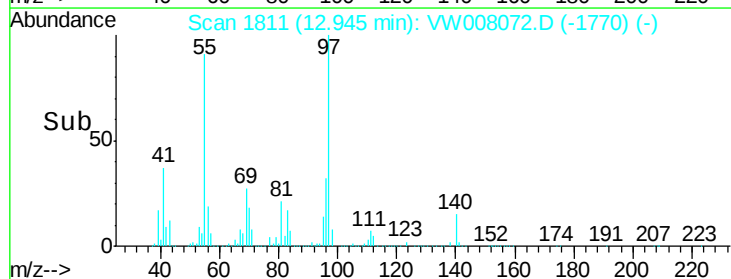
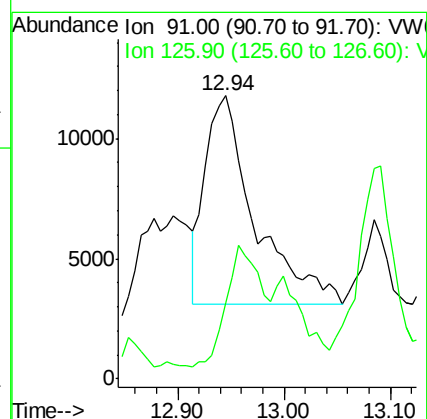
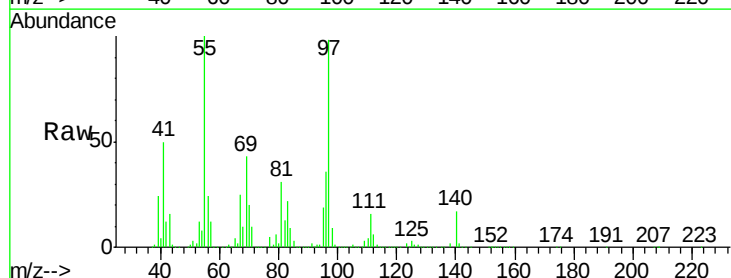
Acq: 07 Jan 2019 16:22

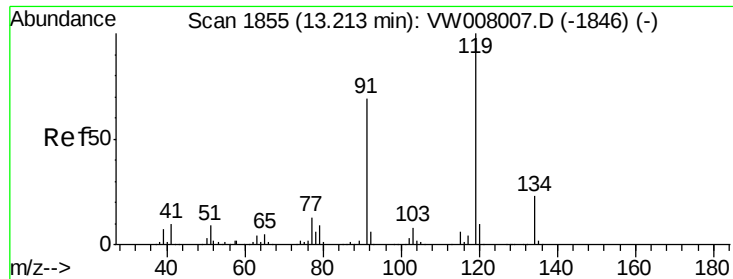
Tgt Ion: 91 Resp: 27738

Ion Ratio Lower Upper

91 100

126 42.4 16.7 50.1

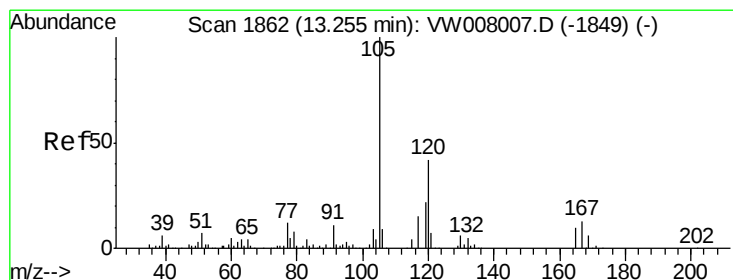
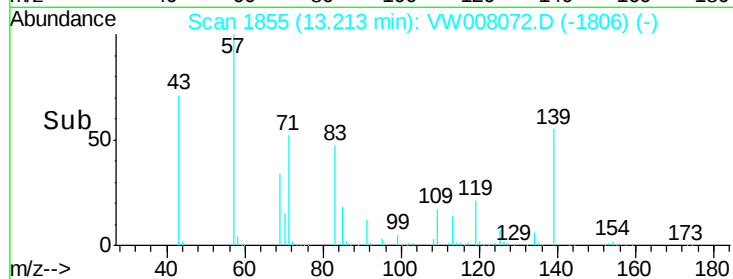
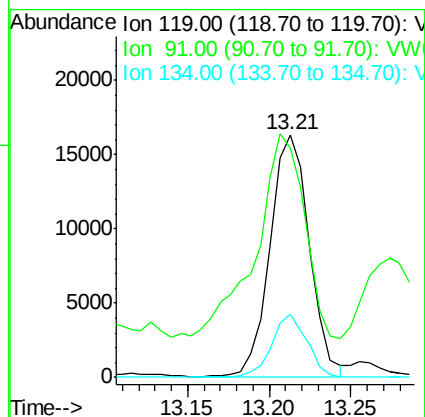
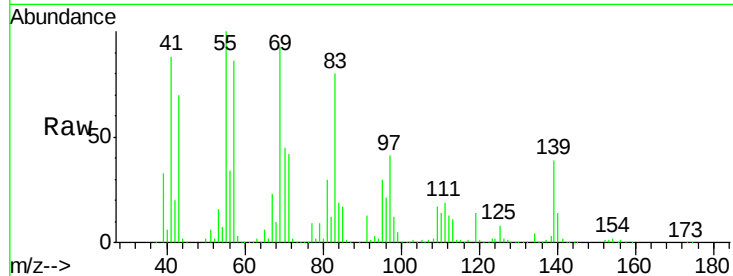




#83
tert-Butylbenzene
Concen: 8.218 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW008072.D
Acq: 07 Jan 2019 16:22

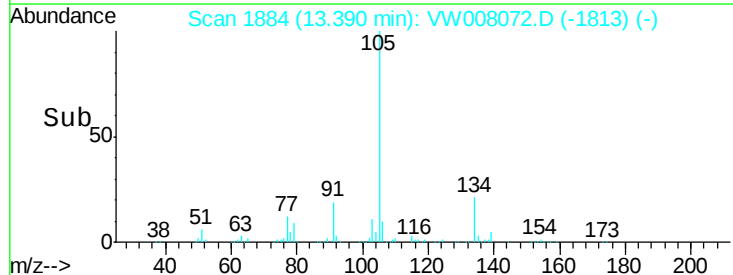
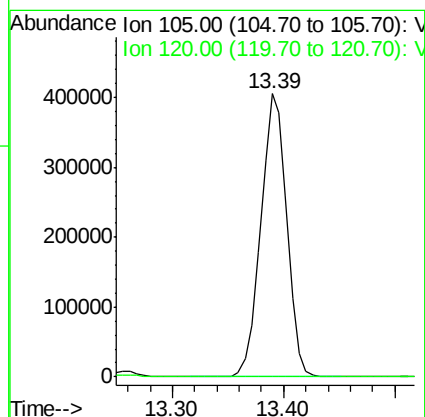
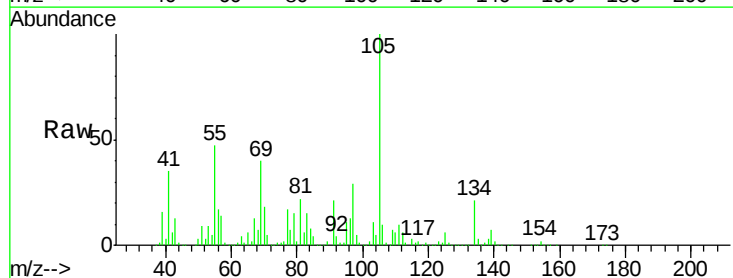
Instrument :
MSVOA_W
ClientSampleId :
CPSB-17(10-15)

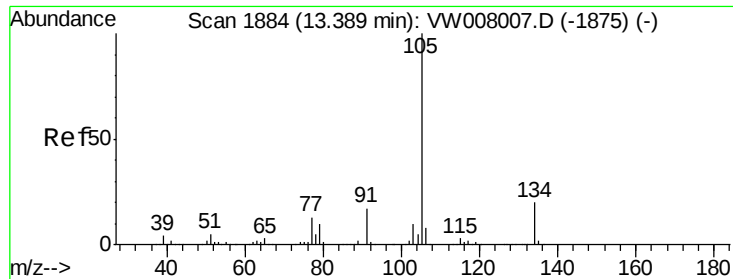
Tot Ion:119 Resp: 27204
Ion Ratio Lower Upper
119 100
91 105.2 34.7 104.1#
134 23.0 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 171.077 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. 0.13 min
Lab File: VW008072.D
Acq: 07 Jan 2019 16:22

Tgt Ion:105 Resp: 655617
Ion Ratio Lower Upper
105 100
120 0.2 21.5 64.5#





#85

sec-Butylbenzene

Concen: 143.976 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW008072.D

Acq: 07 Jan 2019 16:22

Instrument :

MSVOA_W

ClientSampleId :

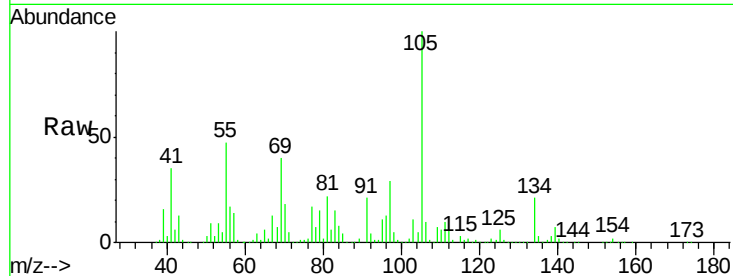
CPSB-17(10-15)

Tot Ion:105 Resp: 655617

Ion Ratio Lower Upper

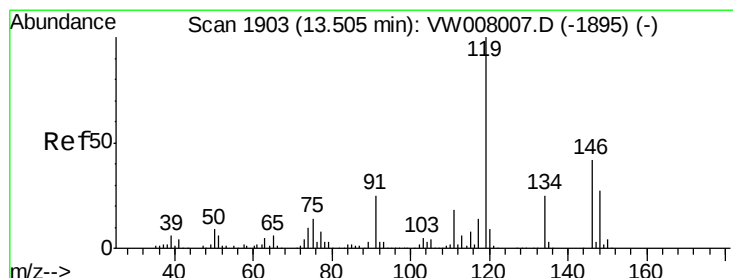
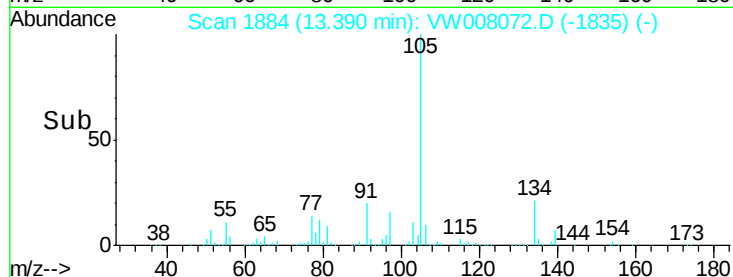
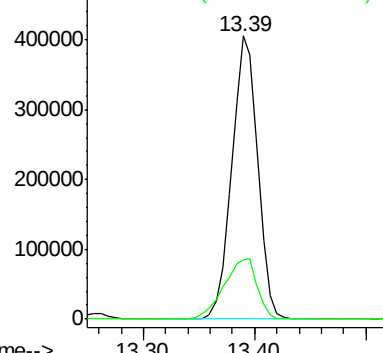
105 100

134 27.3 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 29.479 ug/l

RT: 13.66 min Scan# 1928

Delta R.T. 0.15 min

Lab File: VW008072.D

Acq: 07 Jan 2019 16:22

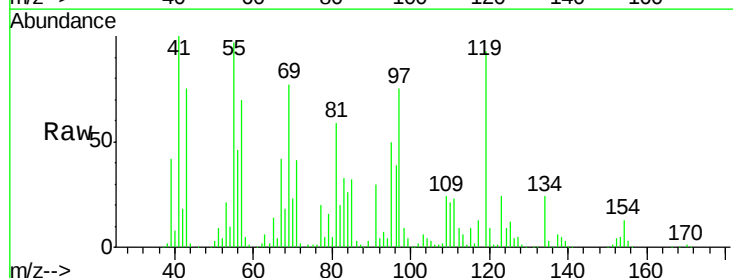
Tgt Ion:119 Resp: 121083

Ion Ratio Lower Upper

119 100

134 27.7 12.5 37.5

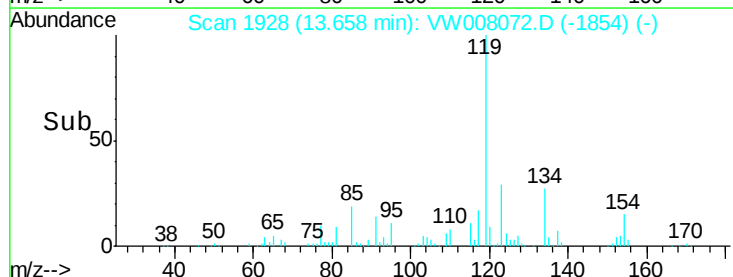
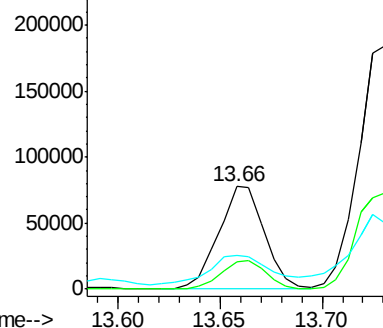
91 37.3 13.1 39.3

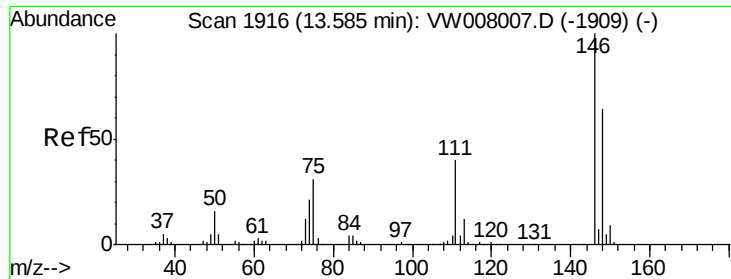


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#88

1,4-Dichlorobenzene

Concen: 3.369 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VW008072.D

Acq: 07 Jan 2019 16:22

Instrument :

MSVOA_W

ClientSampleId :

CPSB-17(10-15)

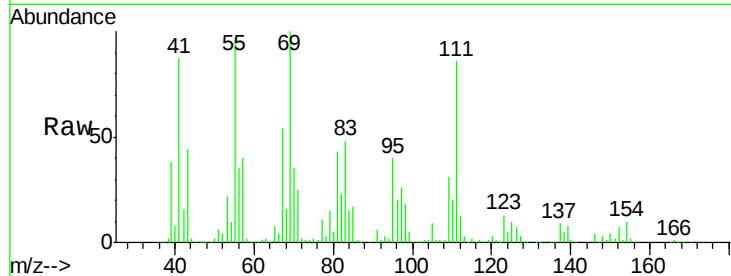
Tot Ion:146 Resp: 6358

Ion Ratio Lower Upper

146 100

111 2163.0 20.9 62.8#

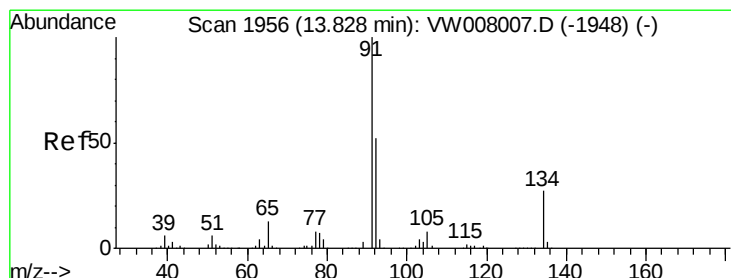
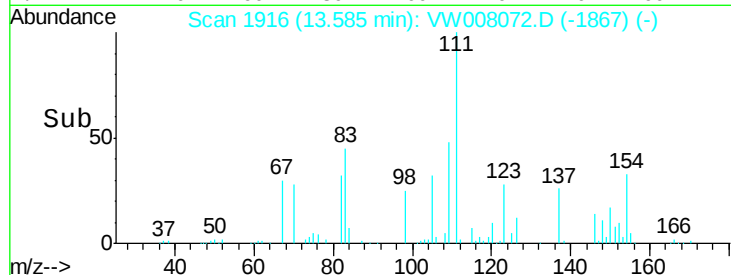
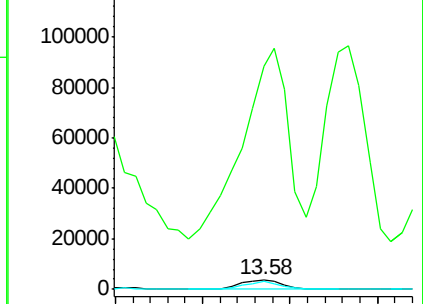
148 69.4 31.9 95.9



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: 89.710 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW008072.D

Acq: 07 Jan 2019 16:22

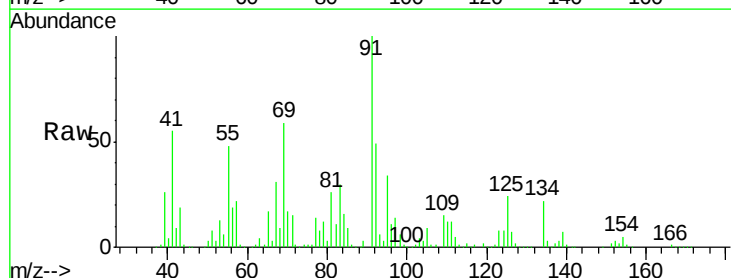
Tgt Ion: 91 Resp: 337035

Ion Ratio Lower Upper

91 100

92 45.1 26.4 79.2

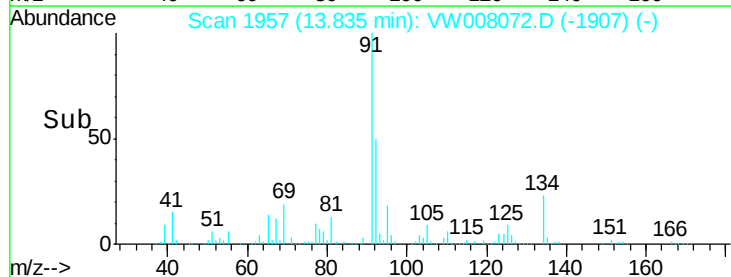
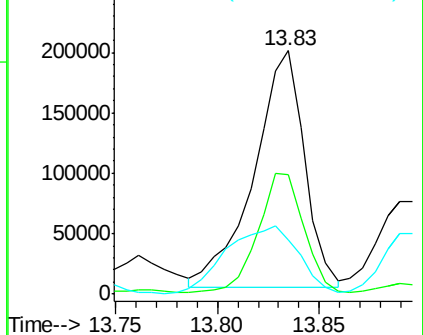
134 41.1 13.4 40.2#

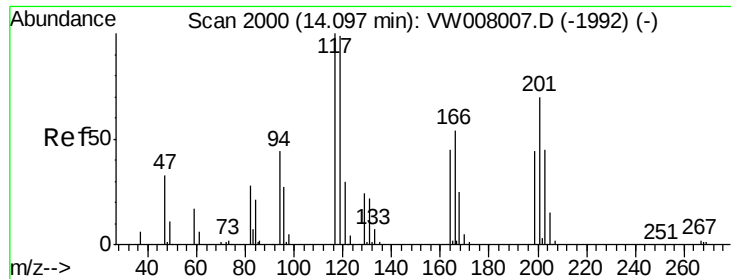


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 171.096 ug/l

RT: 14.11 min Scan# 2002

Delta R.T. 0.01 min

Lab File: VW008072.D

Acq: 07 Jan 2019 16:22

Instrument :

MSVOA_W

ClientSampleId :

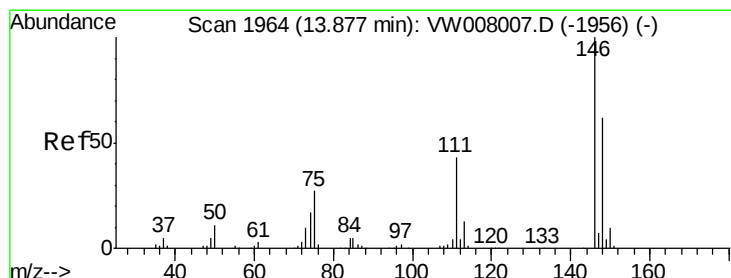
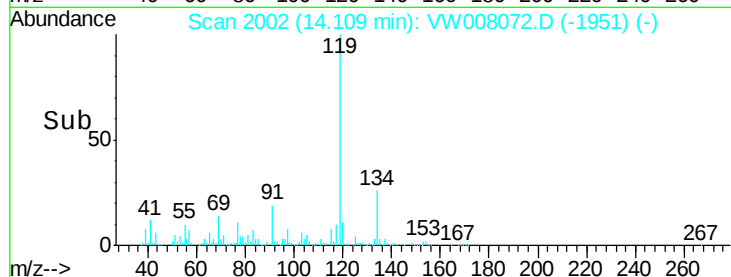
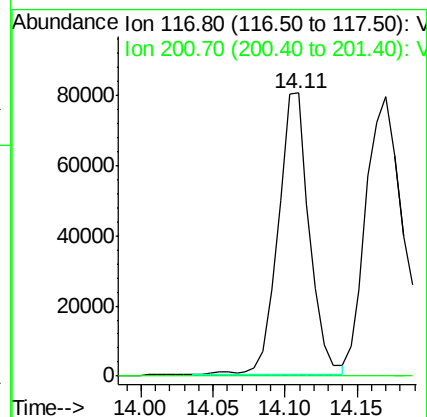
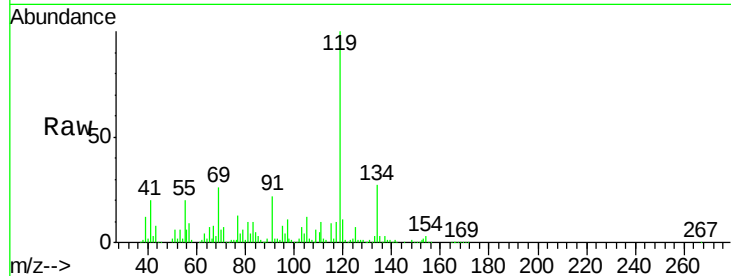
CPSB-17(10-15)

Tot Ion:117 Resp: 121941

Ion Ratio Lower Upper

117 100

201 0.0 37.1 111.5#



#91

1,2-Dichlorobenzene

Concen: 1.532 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW008072.D

Acq: 07 Jan 2019 16:22

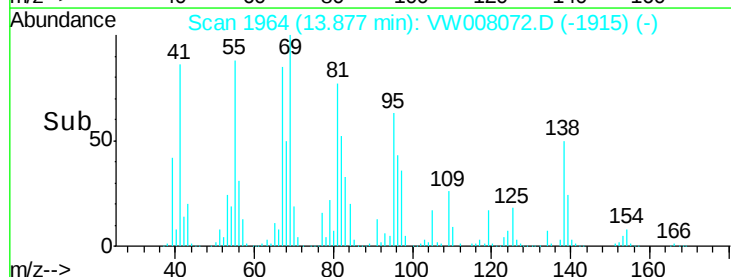
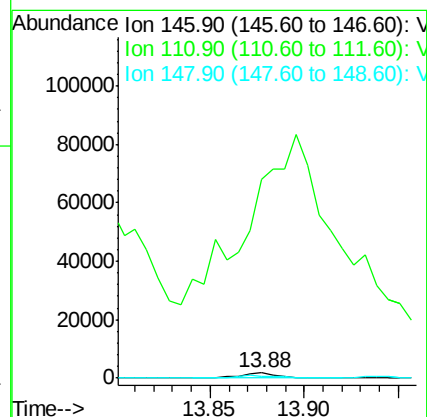
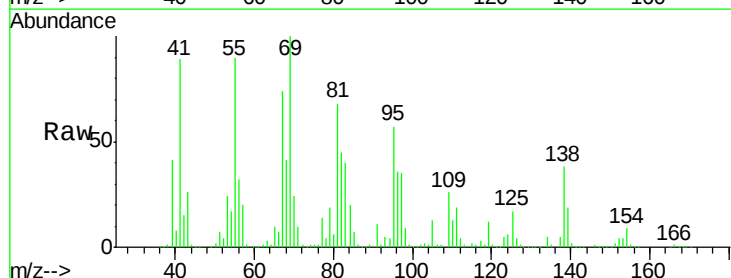
Tgt Ion:146 Resp: 2567

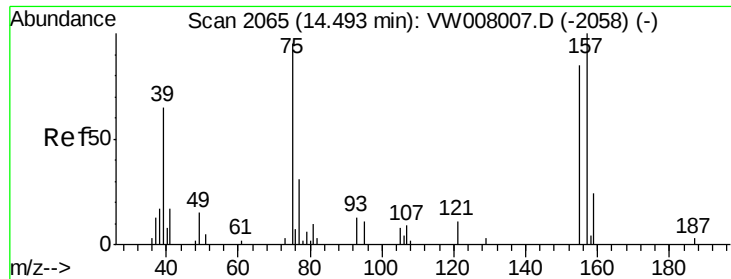
Ion Ratio Lower Upper

146 100

111 0.0 22.6 67.7#

148 68.3 32.1 96.3

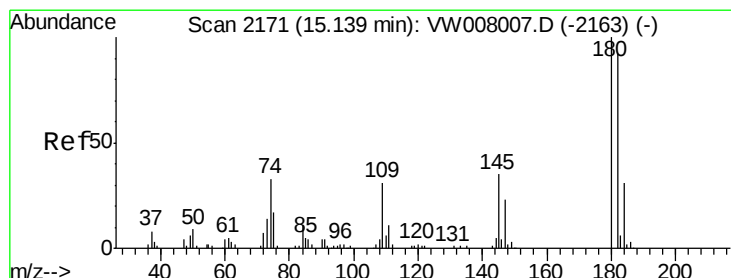
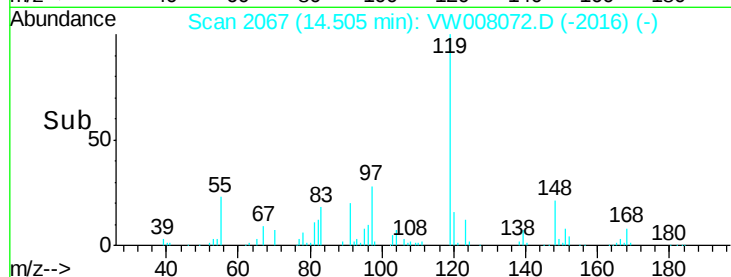
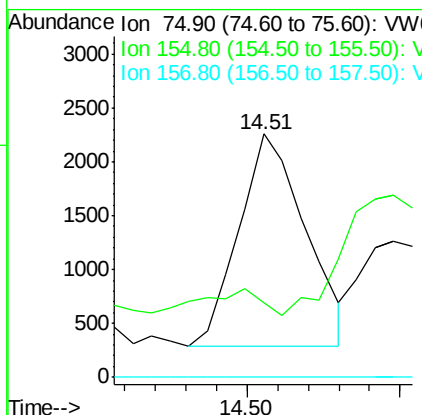
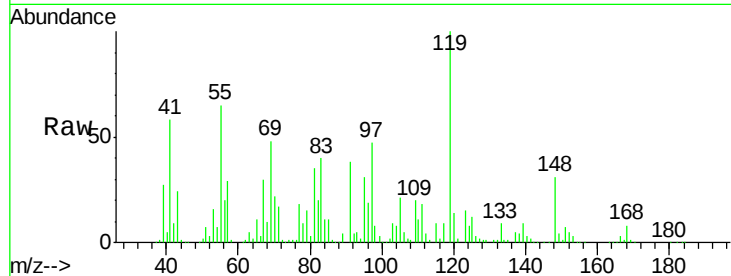




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 26.350 ug/l
 RT: 14.51 min Scan# 2067
 Delta R.T. 0.01 min
 Lab File: VW008072.D
 Acq: 07 Jan 2019 16:22

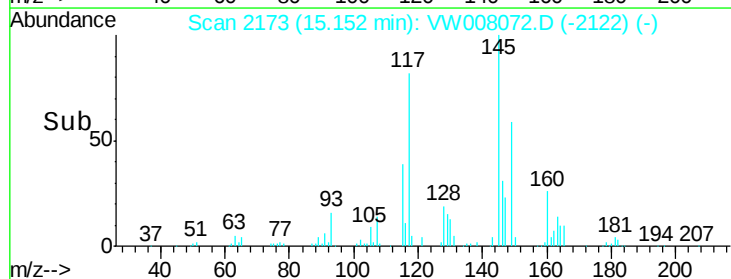
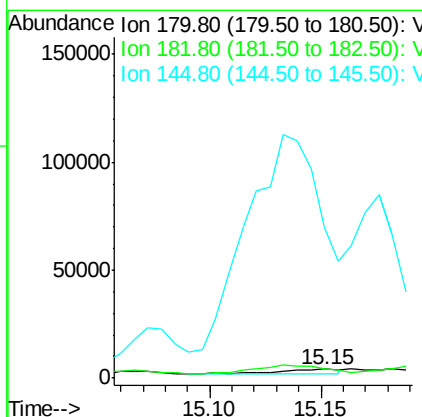
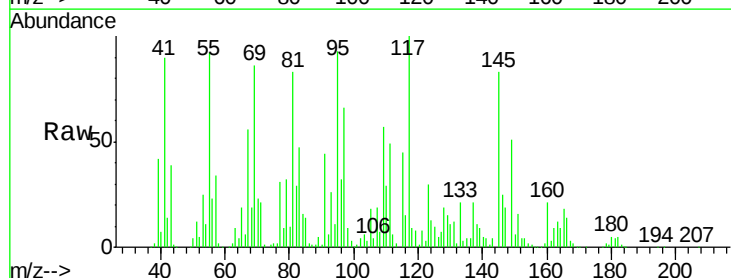
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-17(10-15)

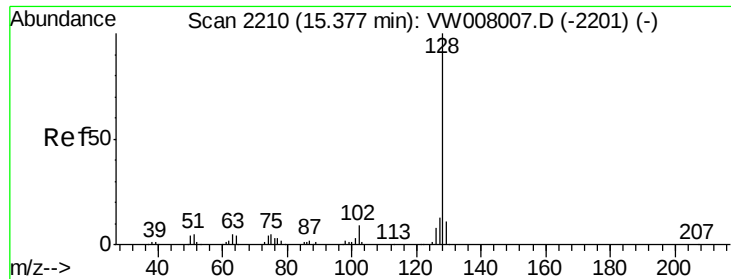
Tot Ion: 75 Resp: 2991
 Ion Ratio Lower Upper
 75 100
 155 0.0 42.4 127.1#
 157 0.0 52.3 156.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 3.630 ug/l
 RT: 15.15 min Scan# 2173
 Delta R.T. 0.01 min
 Lab File: VW008072.D
 Acq: 07 Jan 2019 16:22

Tgt Ion: 180 Resp: 4271
 Ion Ratio Lower Upper
 180 100
 182 214.5 46.6 139.8#
 145 6629.0 17.2 51.6#

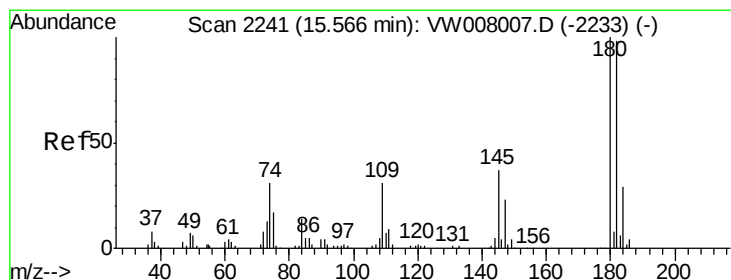
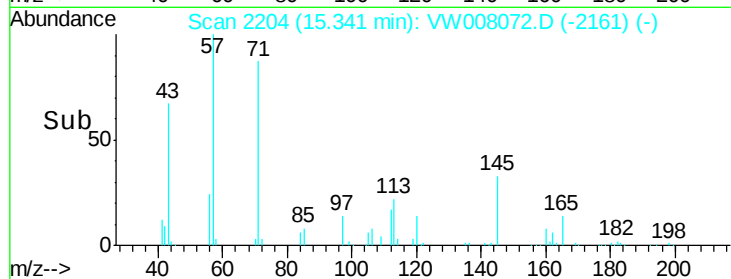
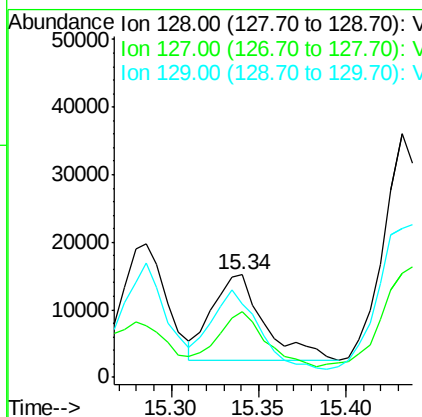
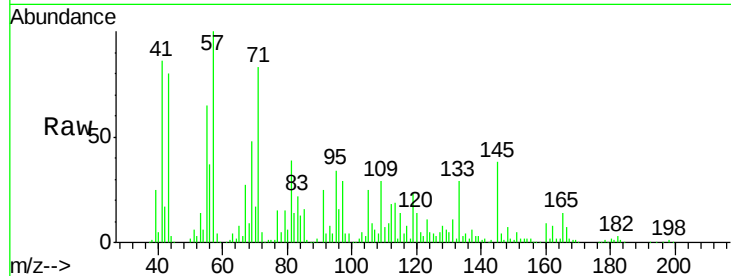




#95
Naphthalene
Concen: 13.001 ug/l
RT: 15.34 min Scan# 2204
Delta R.T. -0.04 min
Lab File: VW008072.D
Acq: 07 Jan 2019 16:22

Instrument :
MSVOA_W
ClientSampleId :
CPSB-17(10-15)

Tot Ion:128 Resp: 26050
Ion Ratio Lower Upper
128 100
127 59.3 10.8 16.2#
129 84.6 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 6.269 ug/l
RT: 15.59 min Scan# 2245
Delta R.T. 0.02 min
Lab File: VW008072.D
Acq: 07 Jan 2019 16:22

Tgt Ion:180 Resp: 6069
Ion Ratio Lower Upper
180 100
182 0.0 47.9 143.8#
145 0.0 18.7 56.1#

