

Data File : VW008284.D
Acq On : 15 Jan 2019 15:12
Operator : SY/VA
Sample : K1135-02RE
Misc : 5.01G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CPSB-19(15-20)

Quant Time: Jan 16 00:51:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	91388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	156289	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	130842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	50520	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	53491	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
35) Dibromofluoromethane	7.88	113	49998	54.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.70%	
50) Toluene-d8	10.32	98	195366	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
62) 4-Bromofluorobenzene	12.62	95	58690	42.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.60%	

Target Compounds			Qvalue			
11) Tert butyl alcohol	5.28	59	144	Below Cal	#	100
15) Acrylonitrile	5.38	53	261	1.181	ug/l #	66
16) Acetone	4.12	43	17738	81.851	ug/l	100
17) Carbon Disulfide	4.37	76	7989	2.555	ug/l	100
20) Methylene Chloride	4.91	84	3523	Below Cal	#	70
25) 2-Butanone	7.17	43	5106	17.867	ug/l	91
31) Cyclohexane	7.95	56	14056	6.503	ug/l #	80
36) 1,1-Dichloropropene	7.95	75	7313	4.542	ug/l #	53
38) Carbon Tetrachloride	7.95	117	9136	6.200	ug/l #	16
39) Methylcyclohexane	9.34	83	56653	27.753	ug/l	95
40) Benzene	8.32	78	5293	1.212	ug/l	98
48) Methyl methacrylate	9.46	41	962	1.581	ug/l #	16
49) 1,4-Dioxane	9.49	88	42	4.912	ug/l #	1
51) 4-Methyl-2-Pentanone	10.24	43	6231	9.982	ug/l	95
52) Toluene	10.38	92	8699	3.119	ug/l	99
55) 1,1,2-Trichloroethane	10.76	97	14543	19.480	ug/l #	26
56) Ethyl methacrylate	10.66	69	4522	4.891	ug/l #	1
59) 2-Hexanone	10.94	43	18091	42.856	ug/l #	30
64) Tetrachloroethene	10.86	164	1240	1.456	ug/l #	86
65) Chlorobenzene	11.66	112	44173	15.936	ug/l	92
67) Ethyl Benzene	11.73	91	88934	17.534	ug/l	99
68) m/p-Xylenes	11.84	106	31291	16.163	ug/l	96
69) o-Xylene	12.17	106	27600	15.395	ug/l	96
73) Isopropylbenzene	12.46	105	46641	11.759	ug/l	100
74) N-amyl acetate	12.26	43	42940	48.887	ug/l #	58
75) 1,1,2,2-Tetrachloroethane	12.69	83	2069	3.259	ug/l #	35
76) 1,2,3-Trichloropropane	12.80	75	1062	2.306	ug/l	39
78) n-propylbenzene	12.80	91	118247	24.332	ug/l	97
79) 2-Chlorotoluene	12.87	91	8910	3.286	ug/l #	48
80) 1,3,5-Trimethylbenzene	12.94	105	101480	31.135	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.62	75	29763	150.493	ug/l #	13
82) 4-Chlorotoluene	12.94	91	10452	3.660	ug/l #	49
83) tert-Butylbenzene	13.21	119	4104	1.423	ug/l	89
84) 1,2,4-Trimethylbenzene	13.26	105	276781	82.336	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011519\
Quantitation Report (Not Reviewed)

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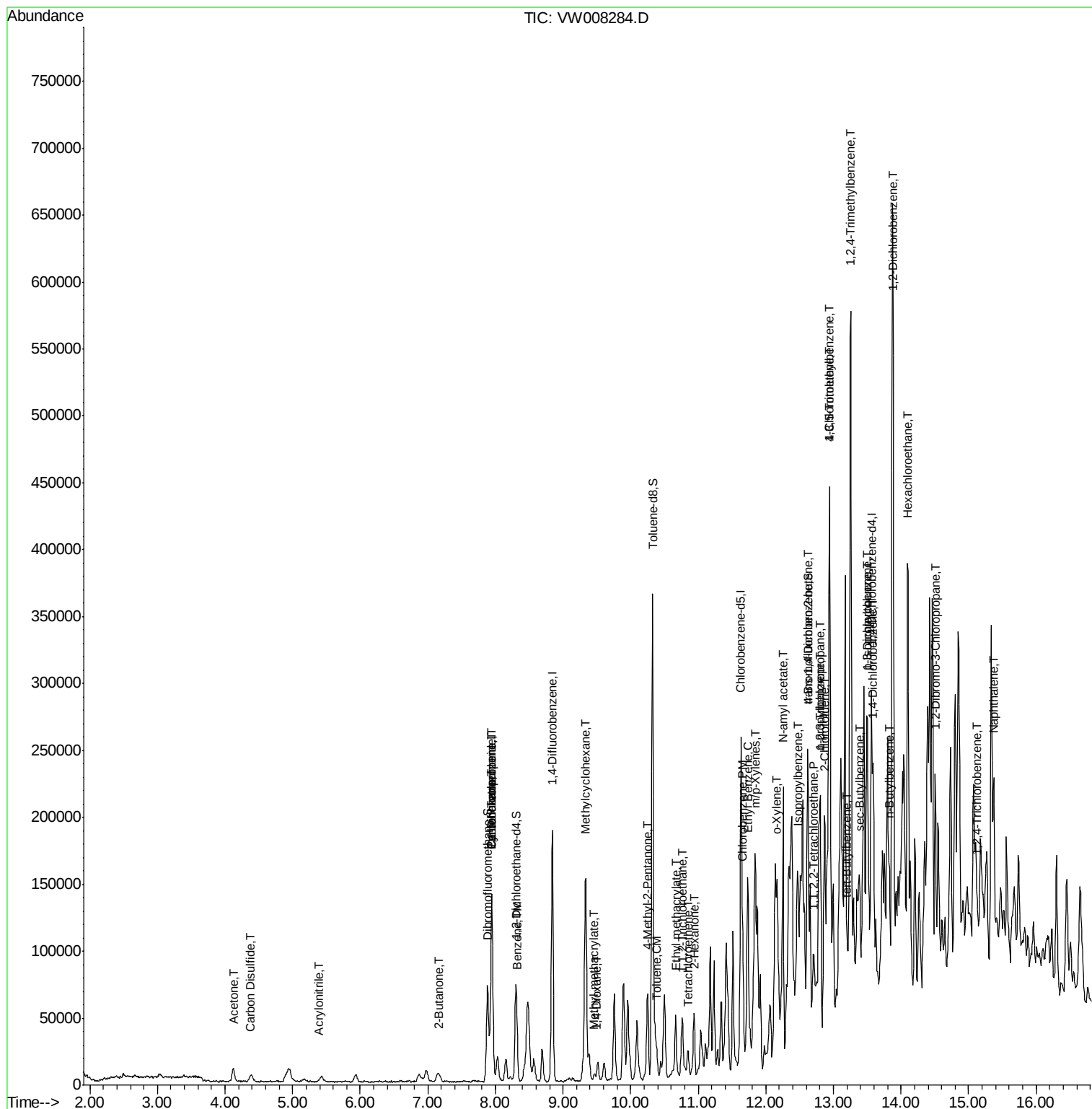
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.39	105	35739	8.461	ug/l #	56
86) p-Isopropyltoluene	13.50	119	69205	18.973	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	3840	2.259	ug/l #	7
88) 1,4-Dichlorobenzene	13.58	146	19268	11.296	ug/l #	81
89) n-Butylbenzene	13.83	91	65987	18.471	ug/l #	69
90) Hexachloroethane	14.10	117	14336	23.269	ug/l #	17
91) 1,2-Dichlorobenzene	13.87	146	148538	99.418	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	372	3.641	ug/l #	29
93) 1,2,4-Trichlorobenzene	15.13	180	2029	2.045	ug/l #	1
95) Naphthalene	15.37	128	97977	52.898	ug/l	95

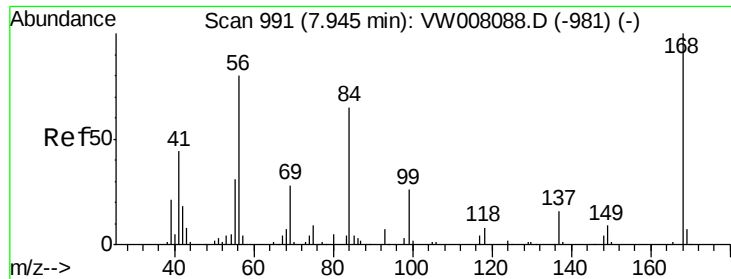
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008284.D

Acq: 15 Jan 2019 15:12

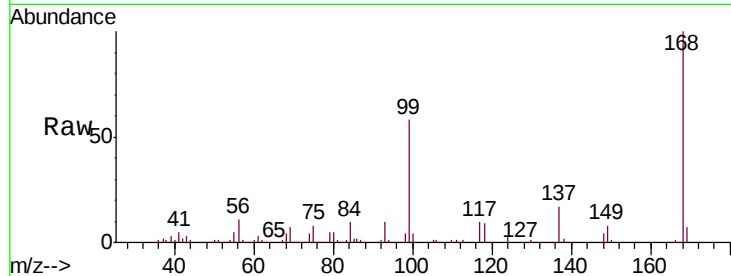
Instrument :
MSVOA_W
ClientSampleId :
CPSB-19(15-20)

Tgt Ion:168 Resp: 91388

Ion Ratio Lower Upper

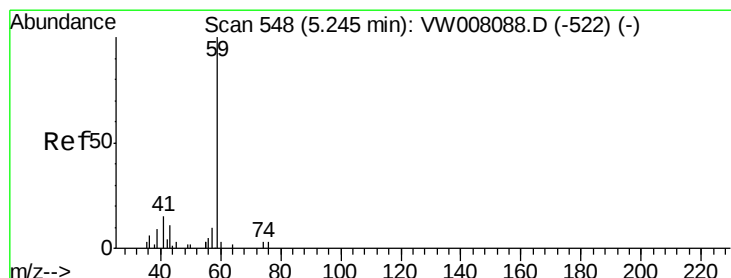
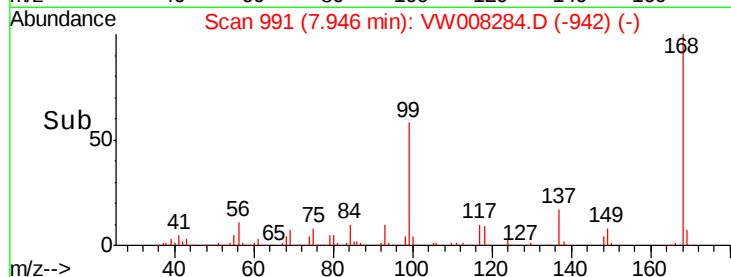
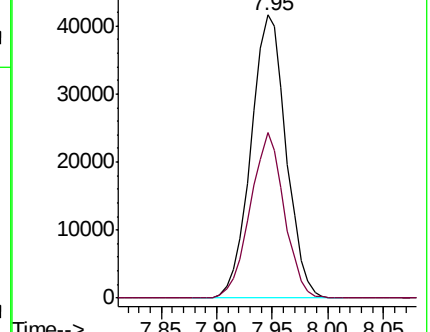
168 100

99 58.5 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.28 min Scan# 554

Delta R.T. 0.04 min

Lab File: VW008284.D

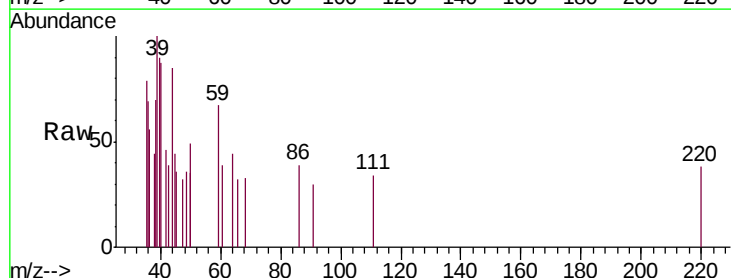
Acq: 15 Jan 2019 15:12

Tgt Ion: 59 Resp: 144

Ion Ratio Lower Upper

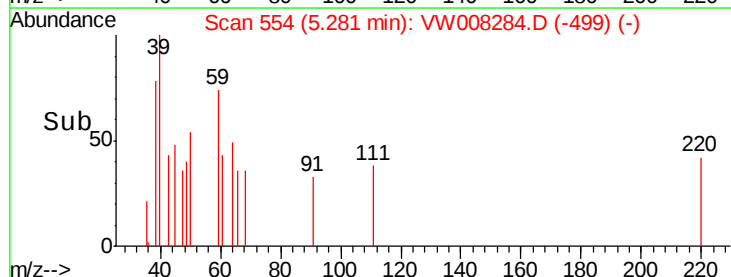
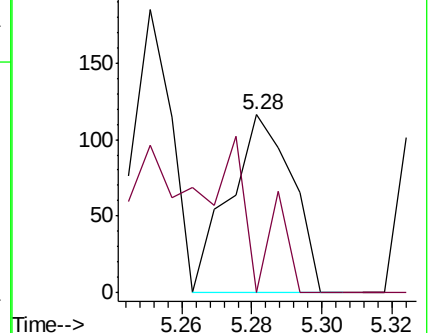
59 100

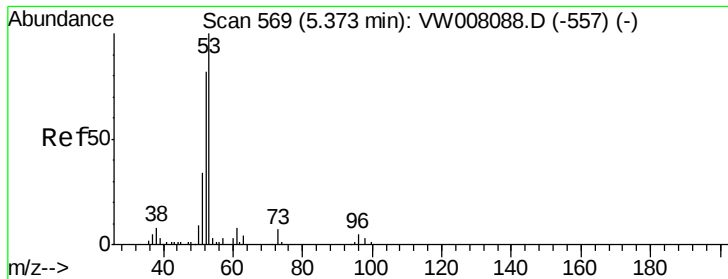
57 129.9 0.0 0.0#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#15

Acrylonitrile

Concen: 1.181 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW008284.D

Acq: 15 Jan 2019 15:12

Instrument :

MSVOA_W

ClientSampleId :

CPSB-19(15-20)

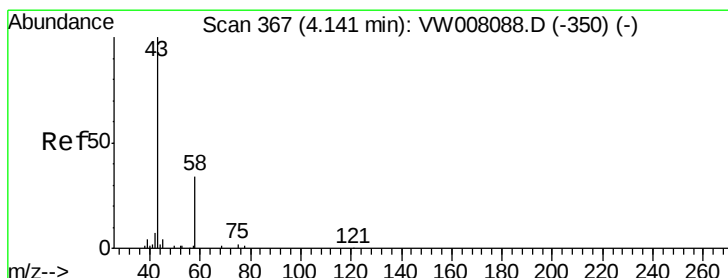
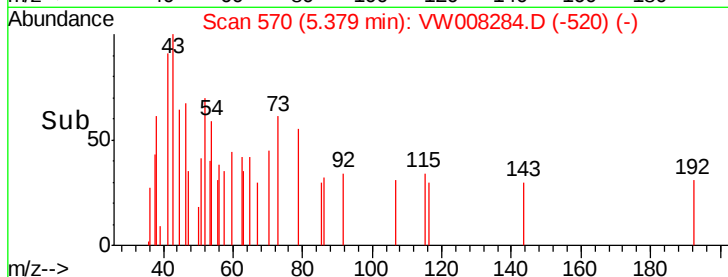
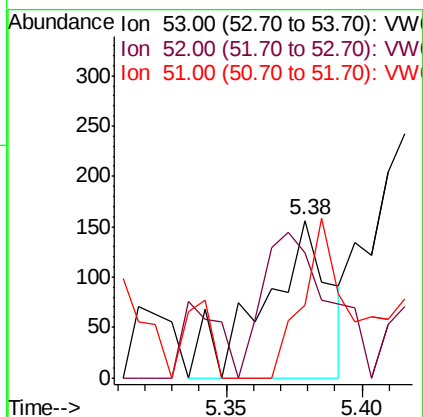
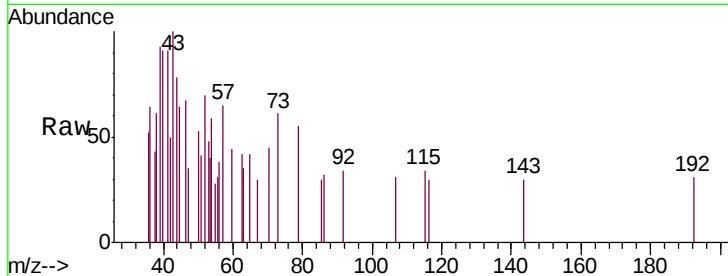
Tgt Ion: 53 Resp: 261

Ion Ratio Lower Upper

53 100

52 94.6 66.8 100.2

51 87.4 29.7 44.5#



#16

Acetone

Concen: 81.851 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.02 min

Lab File: VW008284.D

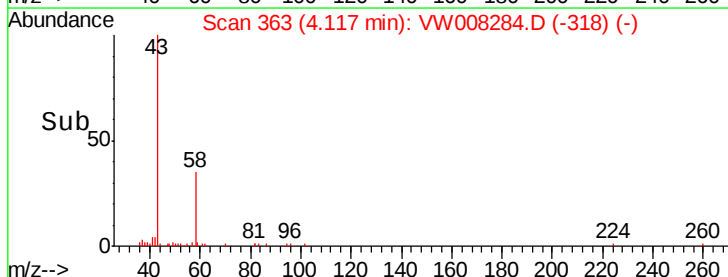
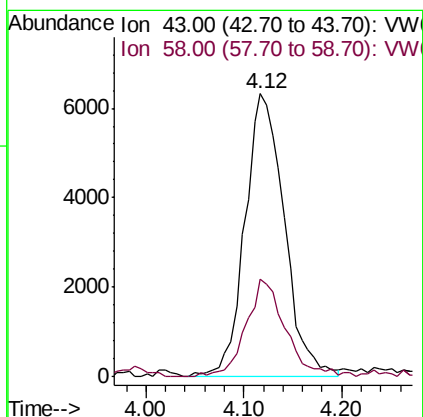
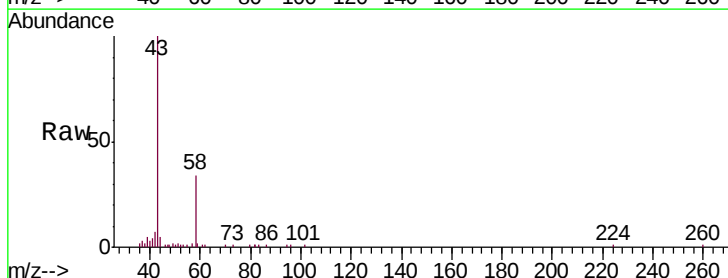
Acq: 15 Jan 2019 15:12

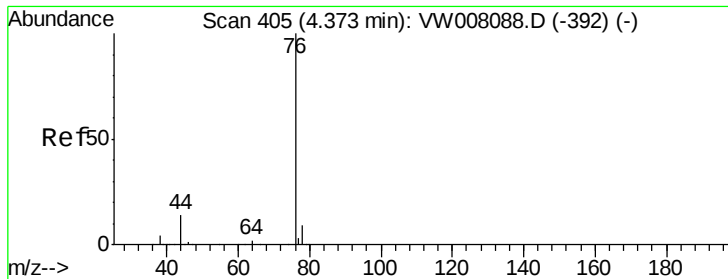
Tgt Ion: 43 Resp: 17738

Ion Ratio Lower Upper

43 100

58 34.5 27.5 41.3

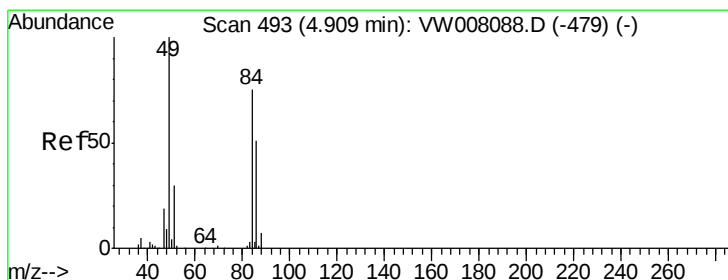
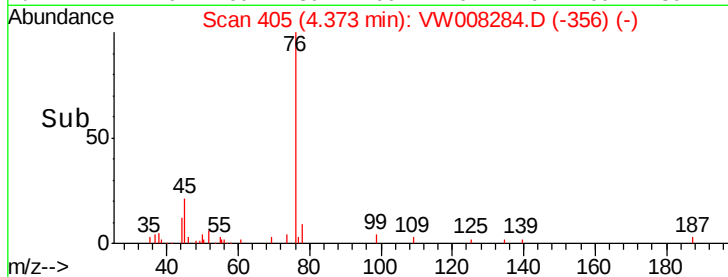
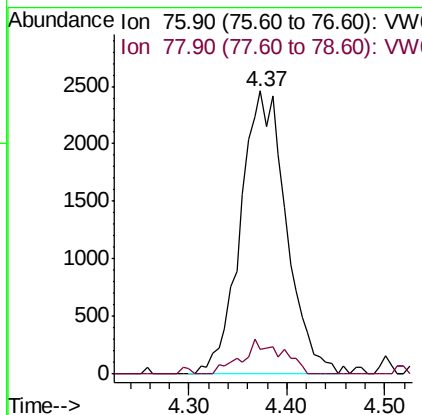
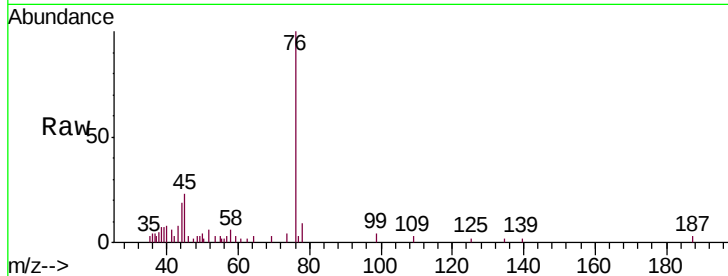




#17
Carbon Disulfide
Concen: 2.555 ug/l
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW008284.D
Acq: 15 Jan 2019 15:12

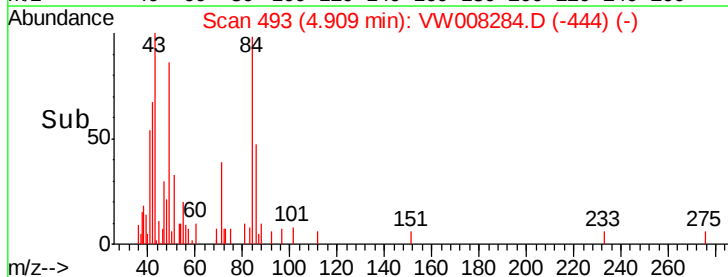
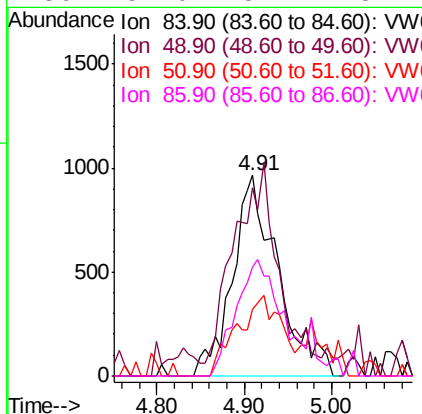
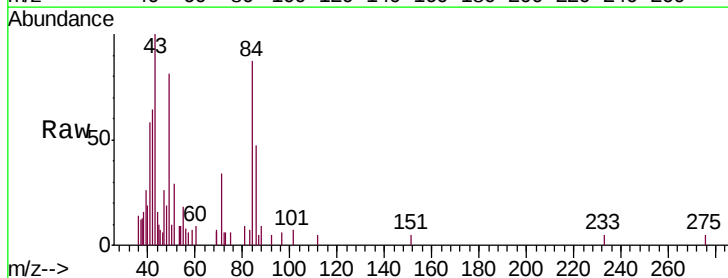
Instrument :
MSVOA_W
ClientSampleId :
CPSB-19(15-20)

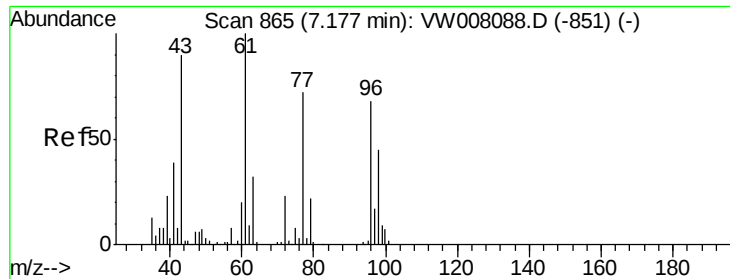
Tgt Ion: 76 Resp: 7989
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008284.D
Acq: 15 Jan 2019 15:12

Tgt Ion: 84 Resp: 3523
Ion Ratio Lower Upper
84 100
49 83.1 107.1 160.7#
51 33.1 32.4 48.6
86 54.0 54.2 81.4#





#25

2-Butanone

Concen: 17.867 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW008284.D

Acq: 15 Jan 2019 15:12

Instrument :

MSVOA_W

ClientSampleId :

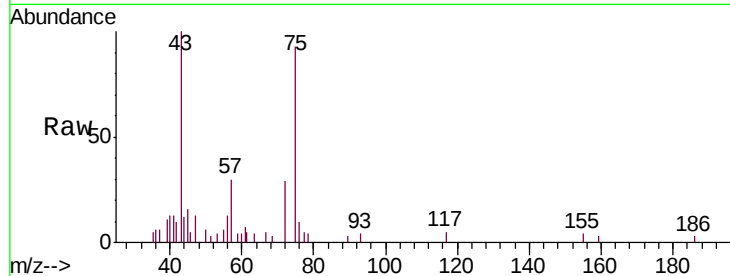
CPSB-19(15-20)

Tgt Ion: 43 Resp: 5106

Ion Ratio Lower Upper

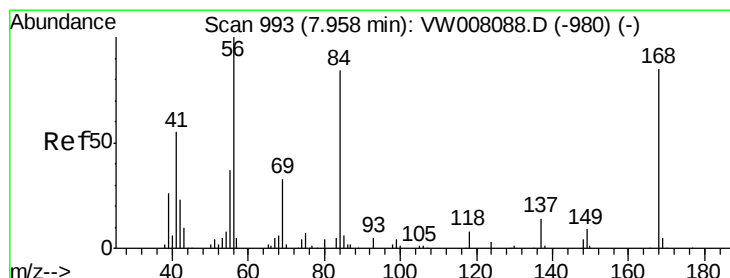
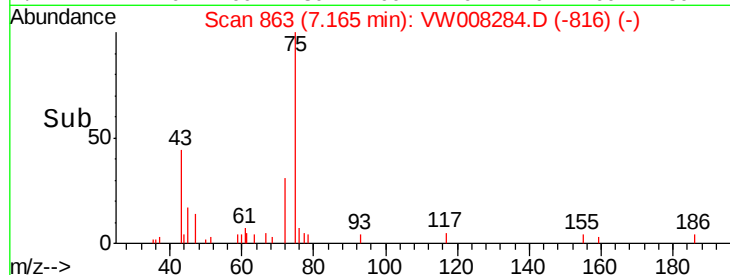
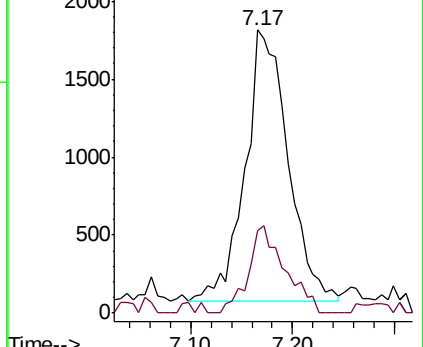
43 100

72 30.4 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#31

Cyclohexane

Concen: 6.503 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008284.D

Acq: 15 Jan 2019 15:12

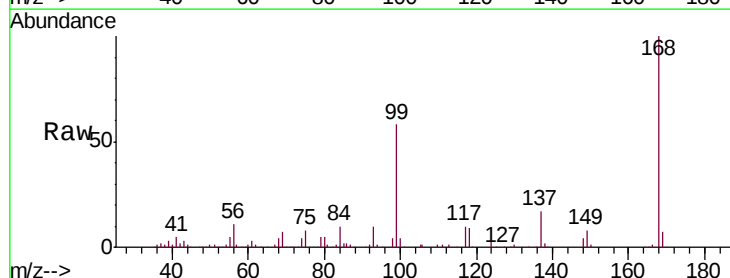
Tgt Ion: 56 Resp: 14056

Ion Ratio Lower Upper

56 100

69 63.8 26.2 39.4#

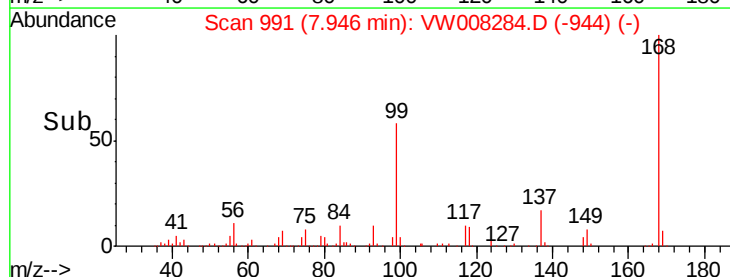
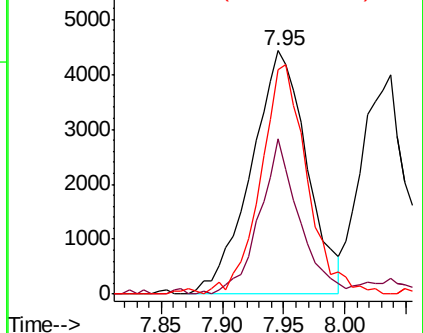
84 90.1 67.4 101.2

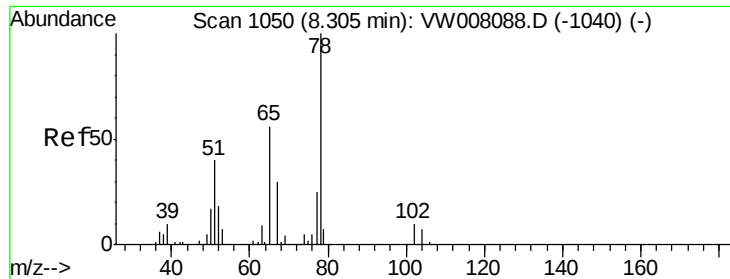


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

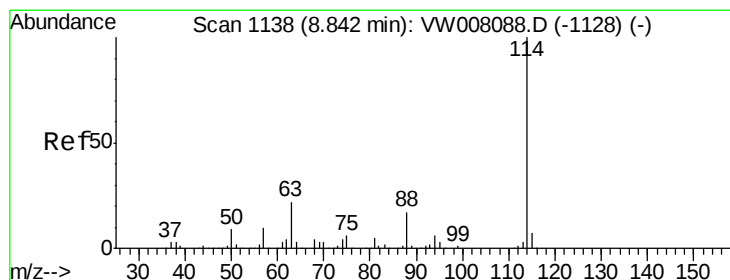
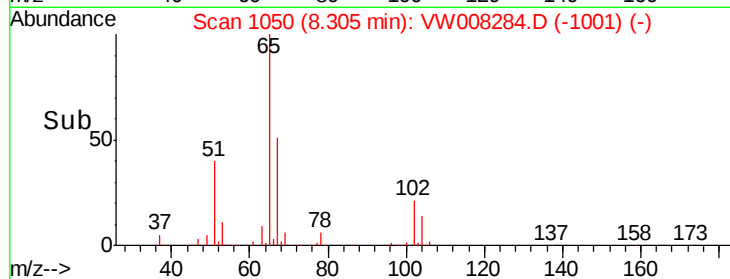
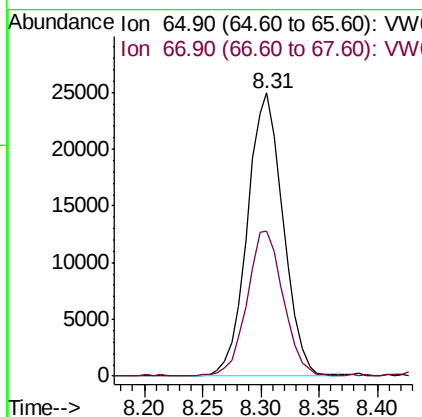
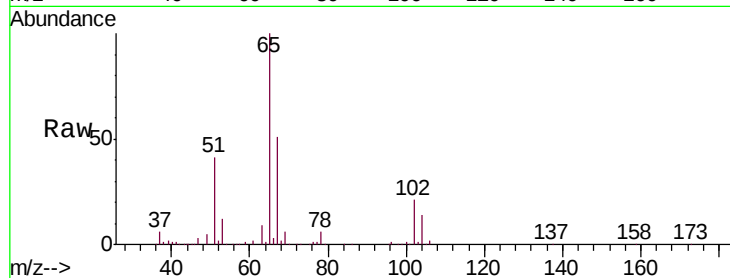




#33
 1,2-Dichloroethane-d4
 Concen: 52.079 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008284.D
 Acq: 15 Jan 2019 15:12

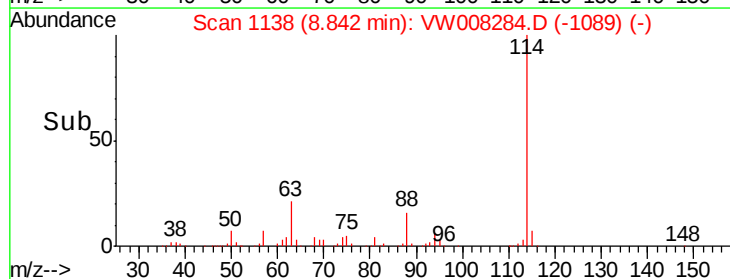
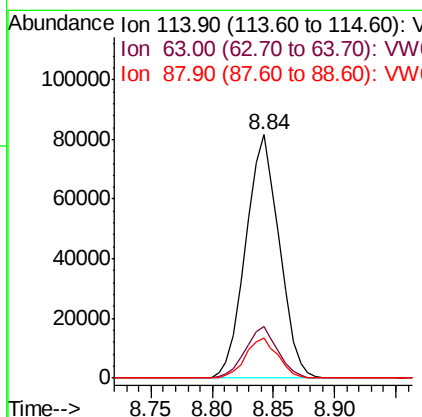
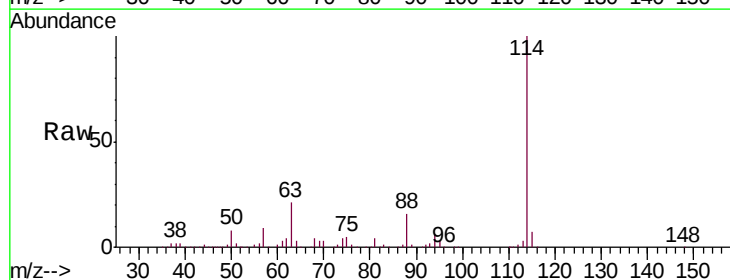
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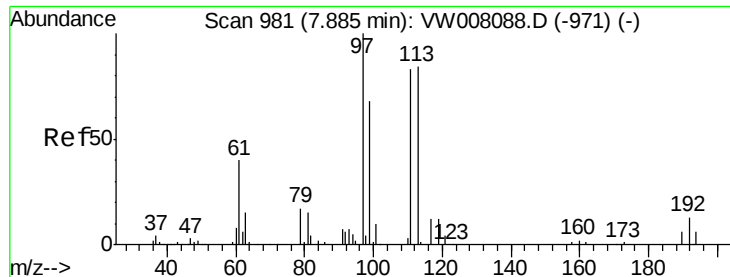
Tgt Ion: 65 Resp: 53491
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008284.D
 Acq: 15 Jan 2019 15:12

Tgt Ion: 114 Resp: 156289
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.4
 88 16.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 54.850 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008284.D

Acq: 15 Jan 2019 15:12

Instrument :

MSVOA_W

ClientSampleId :

CPSB-19(15-20)

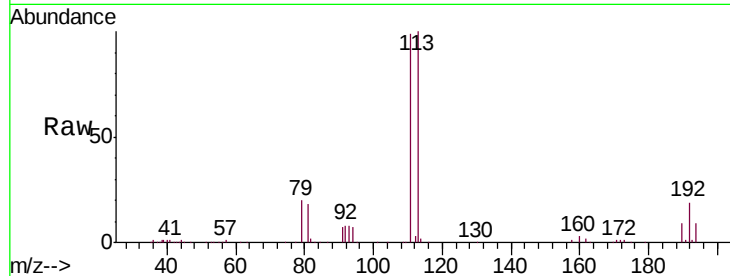
Tgt Ion:113 Resp: 49998

Ion Ratio Lower Upper

113 100

111 104.8 81.8 122.8

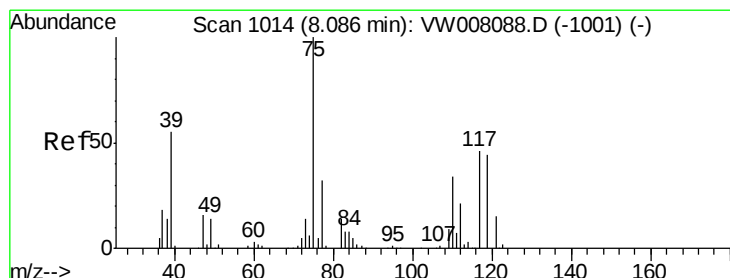
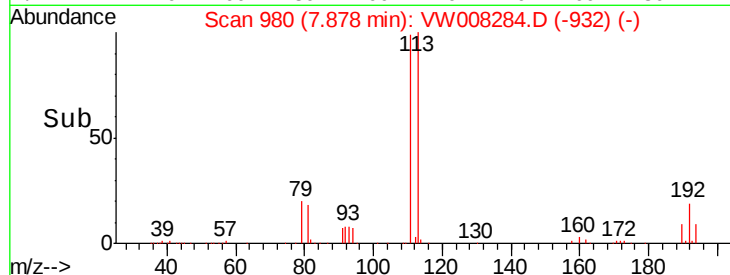
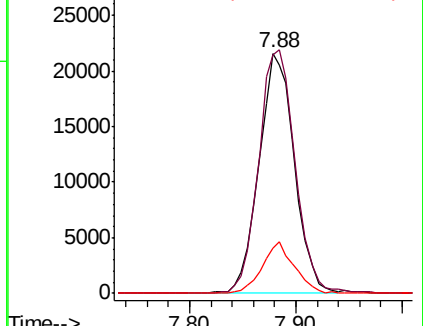
192 19.4 12.8 19.2#



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: 4.542 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW008284.D

Acq: 15 Jan 2019 15:12

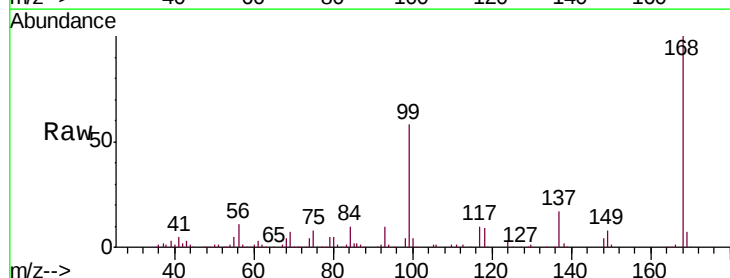
Tgt Ion: 75 Resp: 7313

Ion Ratio Lower Upper

75 100

110 11.4 17.1 51.3#

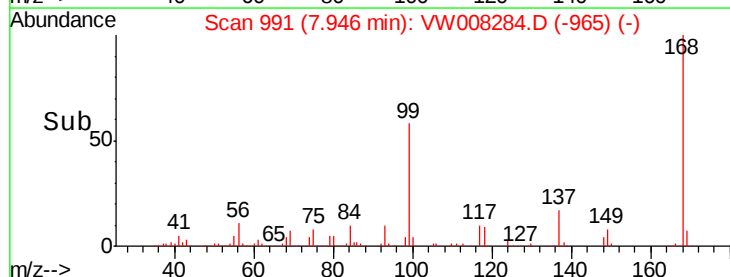
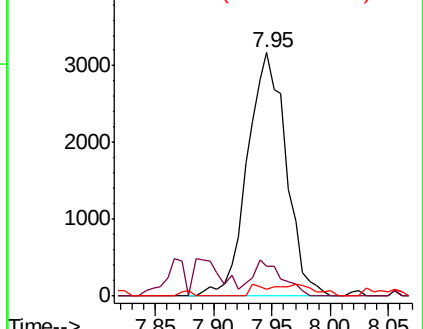
77 1.8 25.5 38.3#

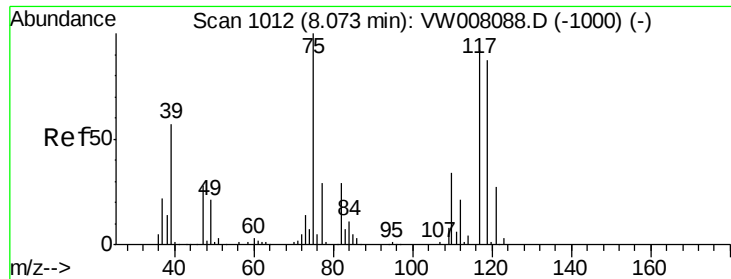


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

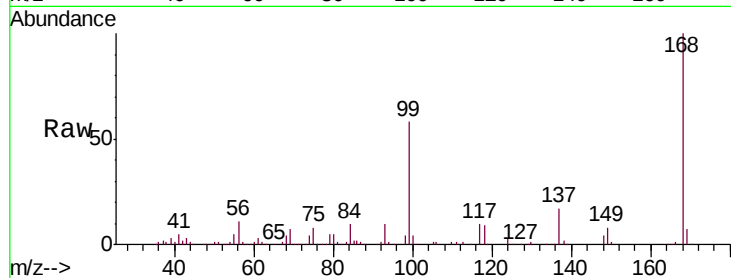




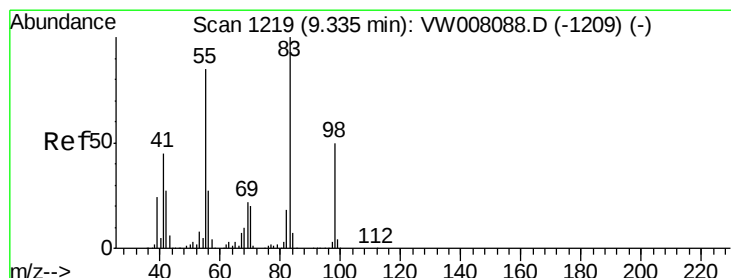
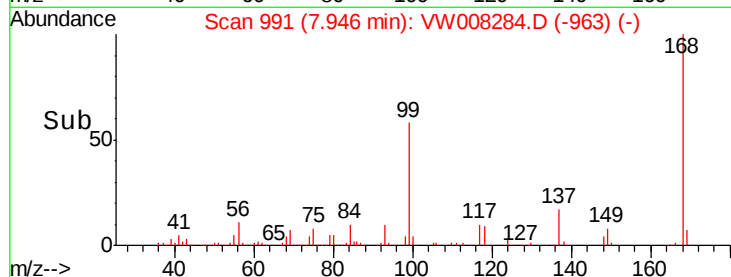
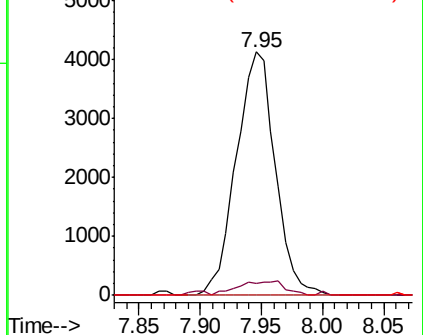
#38
Carbon Tetrachloride
Concen: 6.200 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW008284.D
Acq: 15 Jan 2019 15:12

Instrument :
MSVOA_W
ClientSampleId :
CPSB-19(15-20)

Tgt Ion: 117 Resp: 9136
Ion Ratio Lower Upper
117 100
119 4.9 75.8 113.8#
121 0.0 23.7 35.5#

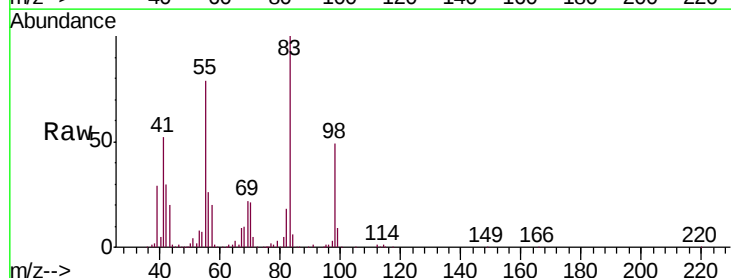


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

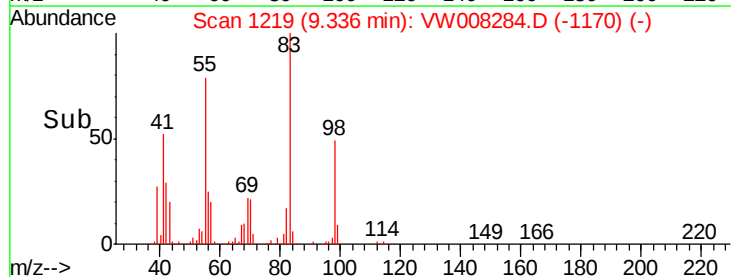
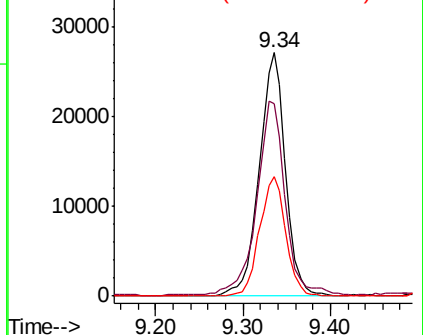


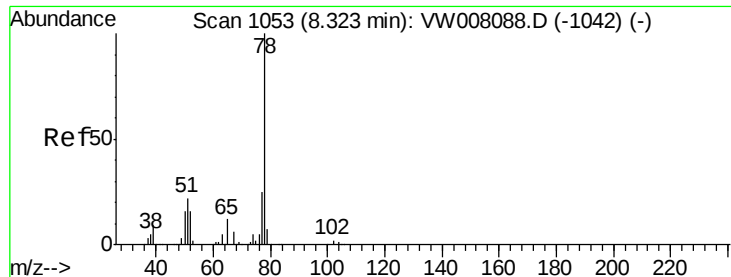
#39
Methylcyclohexane
Concen: 27.753 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008284.D
Acq: 15 Jan 2019 15:12

Tgt Ion: 83 Resp: 56653
Ion Ratio Lower Upper
83 100
55 78.6 67.8 101.6
98 48.8 40.2 60.4



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





#40

Benzene

Concen: 1.212 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW008284.D

Acq: 15 Jan 2019 15:12

Instrument :

MSVOA_W

ClientSampleId :

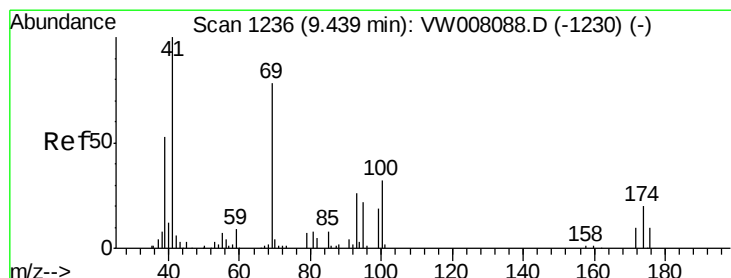
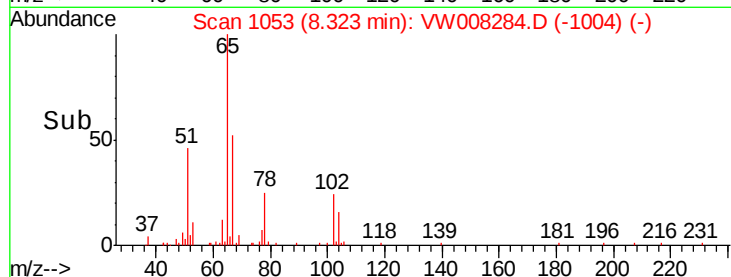
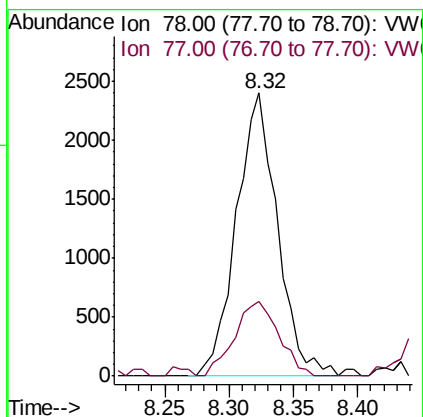
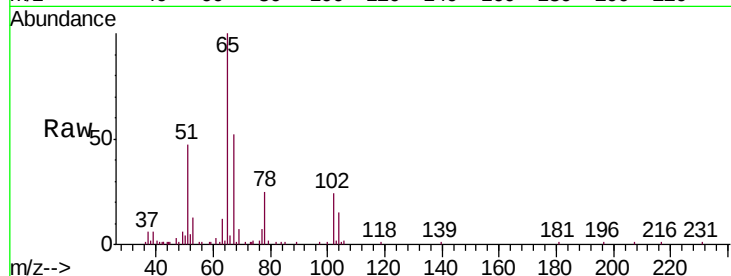
CPSB-19(15-20)

Tgt Ion: 78 Resp: 5293

Ion Ratio Lower Upper

78 100

77 26.4 20.2 30.4



#48

Methyl methacrylate

Concen: 1.581 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.02 min

Lab File: VW008284.D

Acq: 15 Jan 2019 15:12

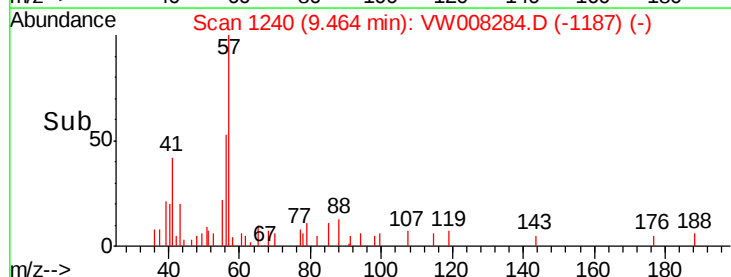
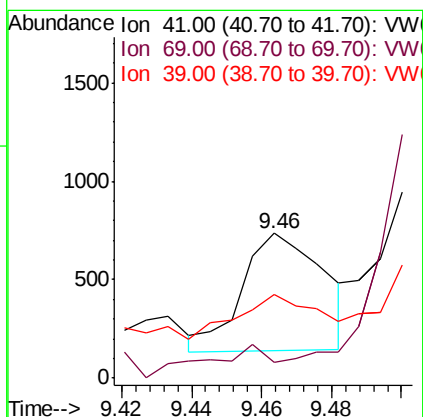
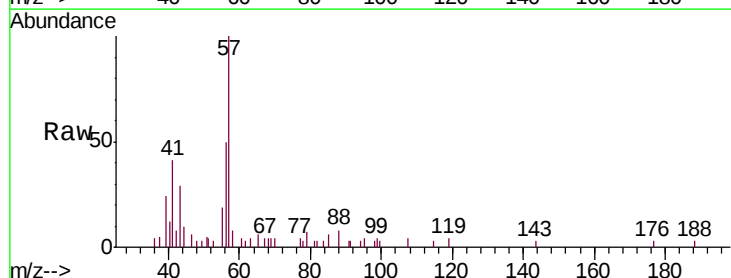
Tgt Ion: 41 Resp: 962

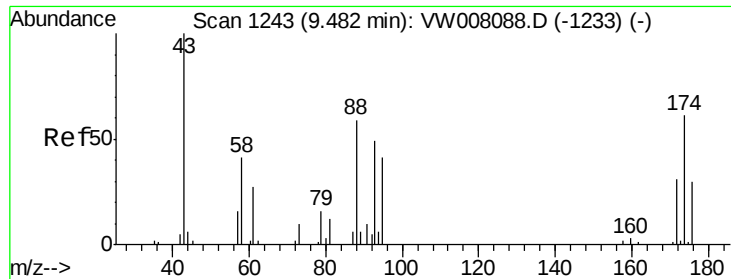
Ion Ratio Lower Upper

41 100

69 0.0 61.9 92.9#

39 0.0 43.0 64.4#

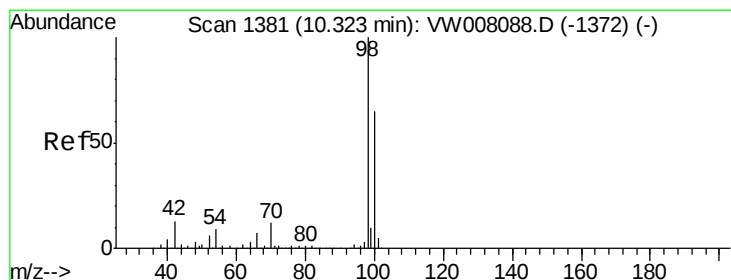
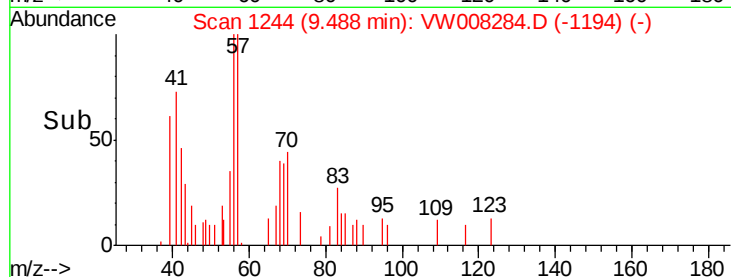
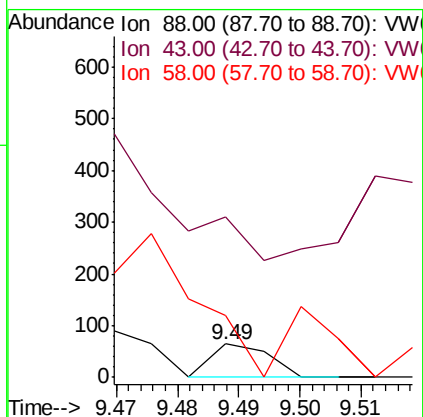
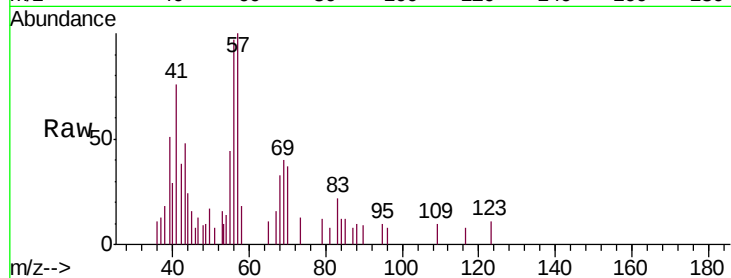




#49
1,4-Dioxane
Concen: 4.912 ug/l
RT: 9.49 min Scan# 1244
Delta R.T. 0.01 min
Lab File: VW008284.D
Acq: 15 Jan 2019 15:12

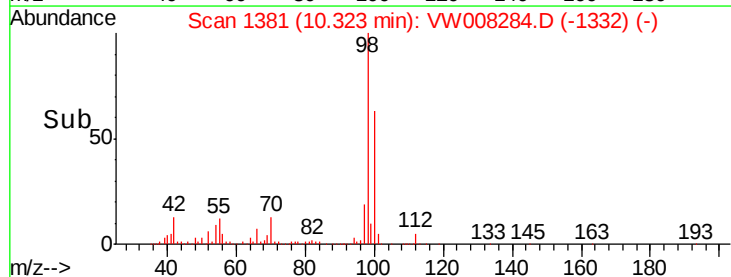
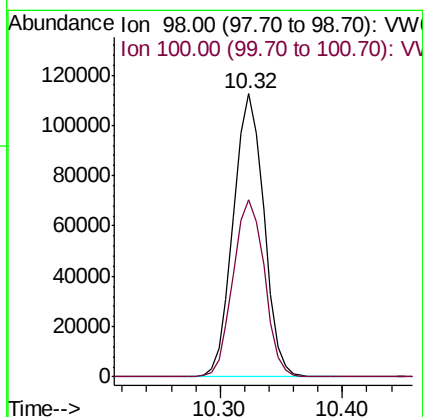
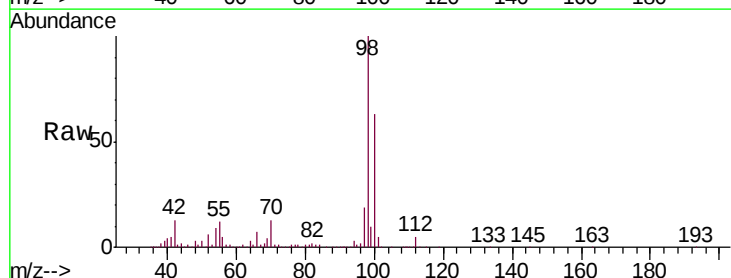
Instrument :
MSVOA_W
ClientSampleId :
CPSB-19(15-20)

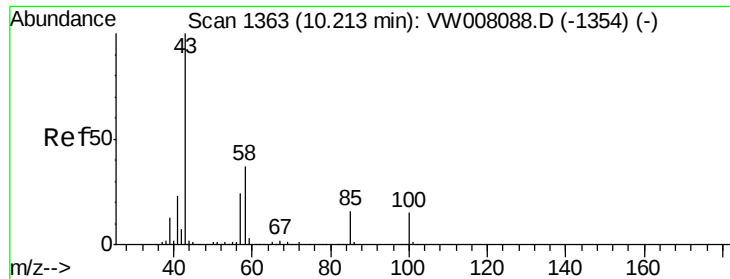
Tgt Ion: 88 Resp: 42
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 235.7 61.7 92.5#



#50
Toluene-d8
Concen: 51.074 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008284.D
Acq: 15 Jan 2019 15:12

Tgt Ion: 98 Resp: 195366
Ion Ratio Lower Upper
98 100
100 64.1 51.7 77.5

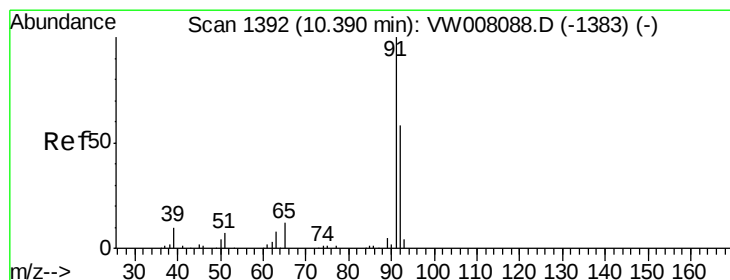
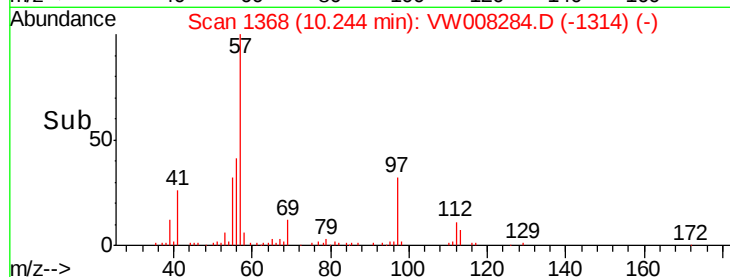
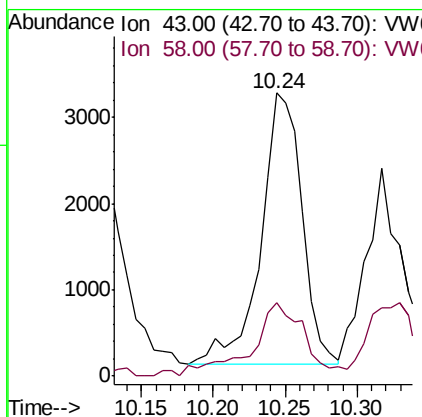
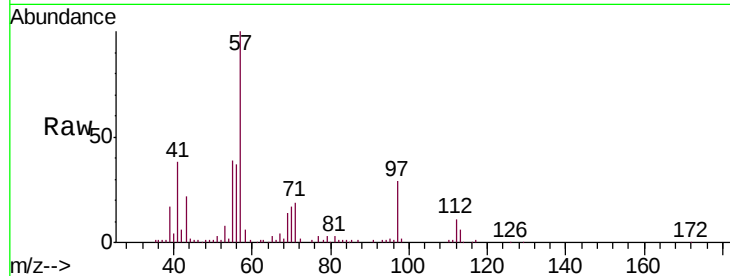




#51
 4-Methyl-2-Pentanone
 Concen: 9.982 ug/l
 RT: 10.24 min Scan# 1368
 Delta R.T. 0.03 min
 Lab File: VW008284.D
 Acq: 15 Jan 2019 15:12

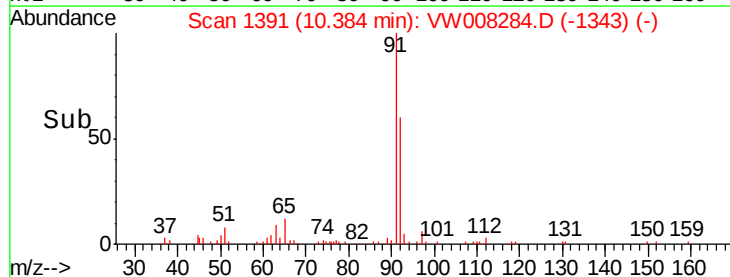
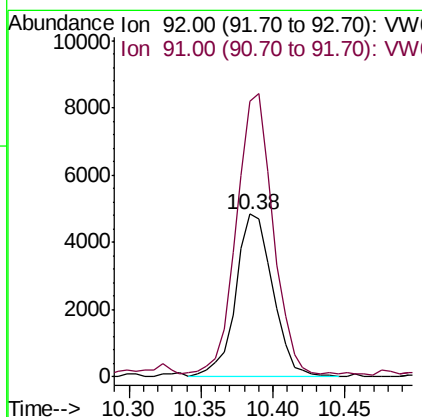
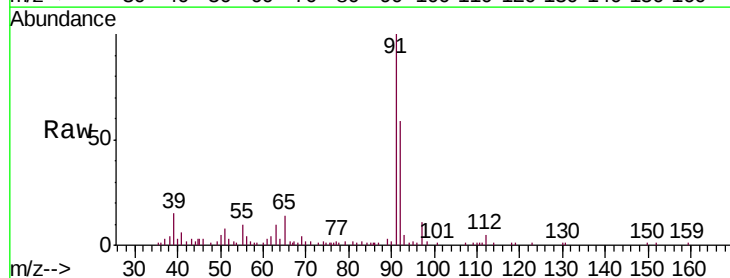
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-19(15-20)

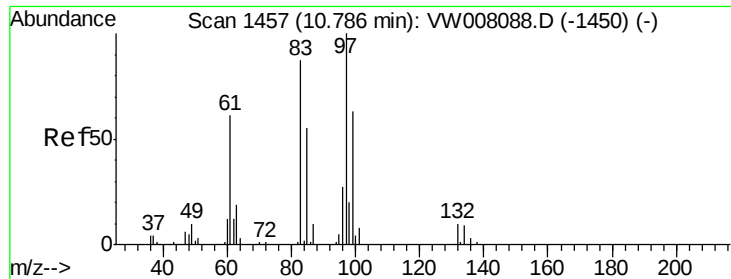
Tgt Ion: 43 Resp: 6231
 Ion Ratio Lower Upper
 43 100
 58 35.0 30.6 46.0



#52
 Toluene
 Concen: 3.119 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW008284.D
 Acq: 15 Jan 2019 15:12

Tgt Ion: 92 Resp: 8699
 Ion Ratio Lower Upper
 92 100
 91 169.3 137.0 205.4





#55

1,1,2-Trichloroethane

Concen: 19.480 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.02 min

Lab File: VW008284.D

Acq: 15 Jan 2019 15:12

Instrument :

MSVOA_W

ClientSampleId :

CPSB-19(15-20)

Tgt Ion: 97 Resp: 14543

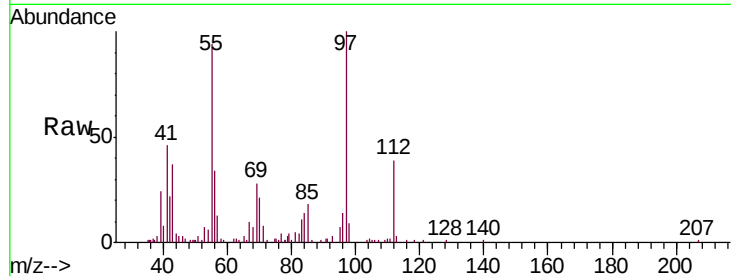
Ion Ratio Lower Upper

97 100

83 9.6 69.3 103.9#

85 17.5 43.8 65.6#

99 0.0 50.0 75.0#

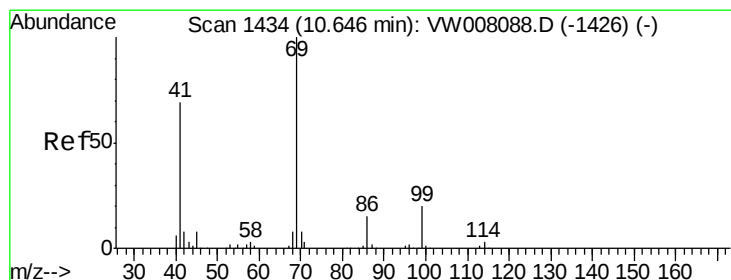
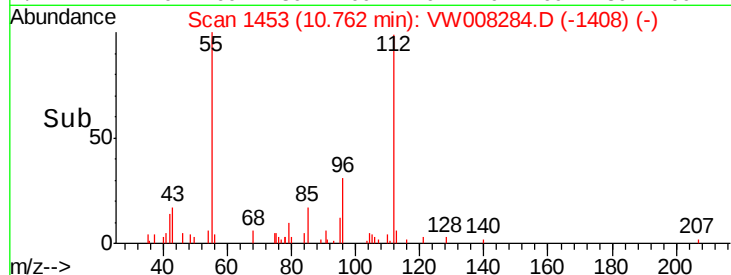
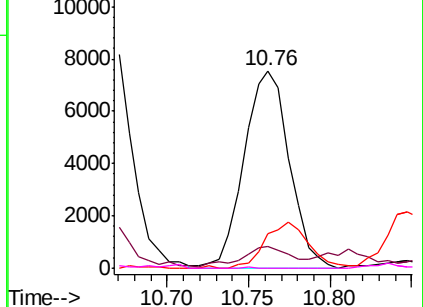


Abundance Ion 96.90 (96.60 to 97.60): VW

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: 4.891 ug/l

RT: 10.66 min Scan# 1437

Delta R.T. 0.02 min

Lab File: VW008284.D

Acq: 15 Jan 2019 15:12

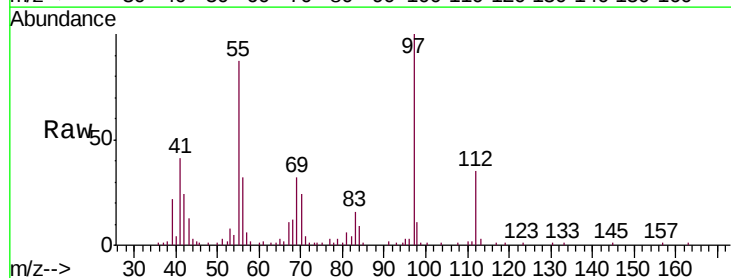
Tgt Ion: 69 Resp: 4522

Ion Ratio Lower Upper

69 100

41 182.3 56.4 84.6#

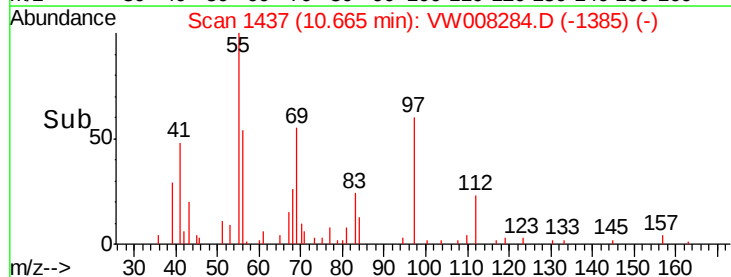
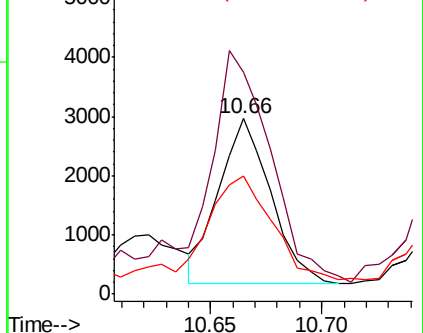
39 84.1 28.1 42.1#

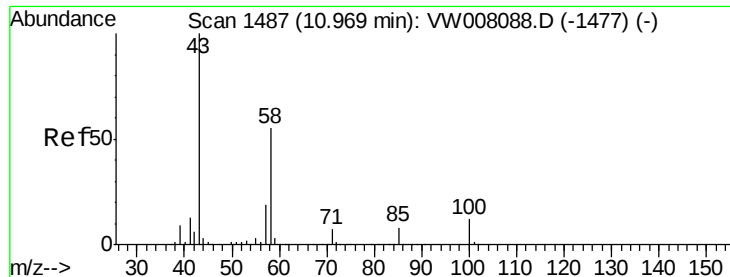


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#59

2-Hexanone

Concen: 42.856 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.03 min

Lab File: VW008284.D

Acq: 15 Jan 2019 15:12

Instrument :

MSVOA_W

ClientSampleId :

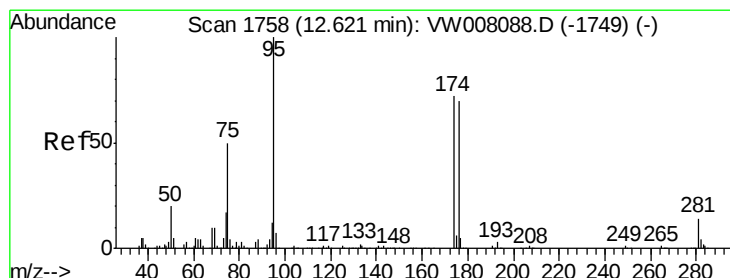
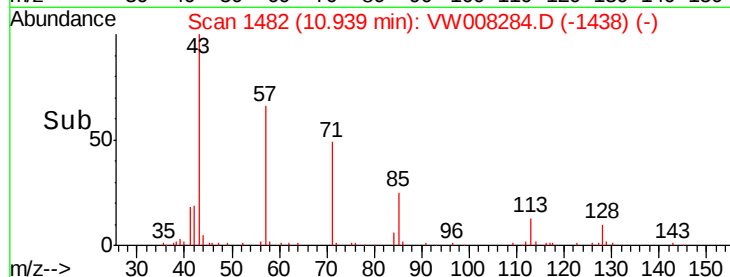
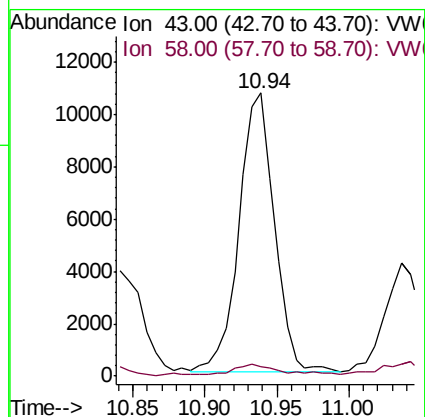
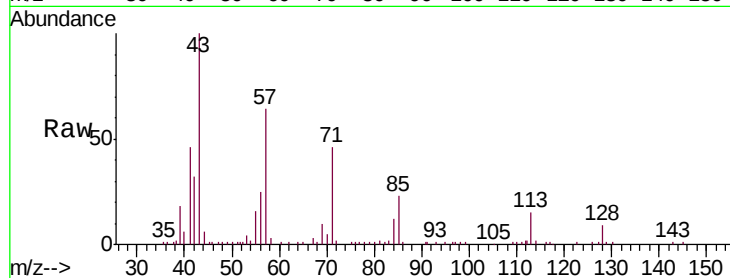
CPSB-19(15-20)

Tgt Ion: 43 Resp: 18091

Ion Ratio Lower Upper

43 100

58 3.9 27.2 81.5#



#62

4-Bromofluorobenzene

Concen: 42.798 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008284.D

Acq: 15 Jan 2019 15:12

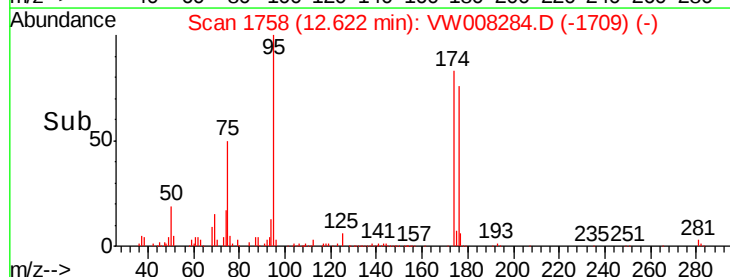
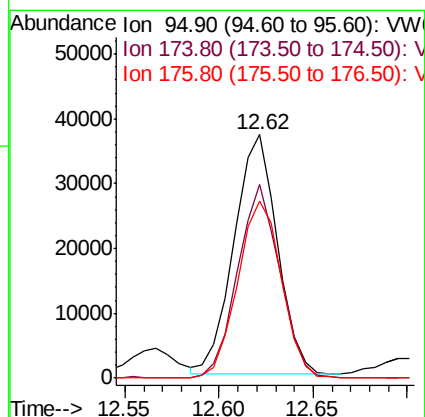
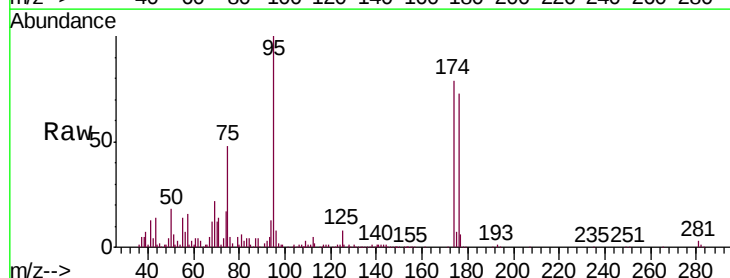
Tgt Ion: 95 Resp: 58690

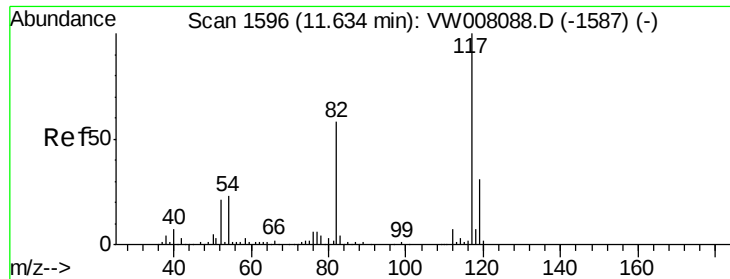
Ion Ratio Lower Upper

95 100

174 79.0 0.0 143.0

176 75.1 0.0 140.2

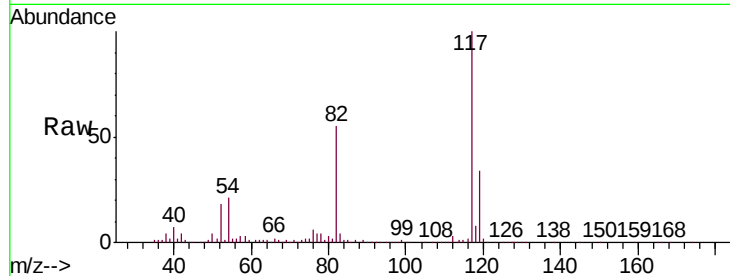




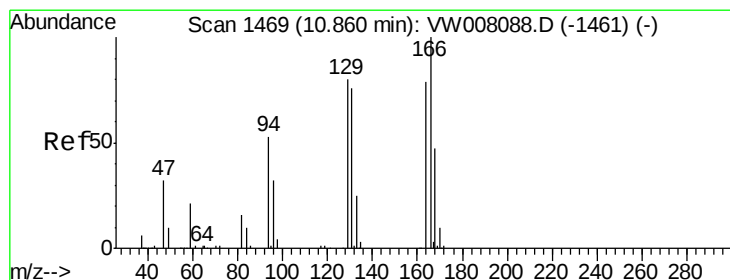
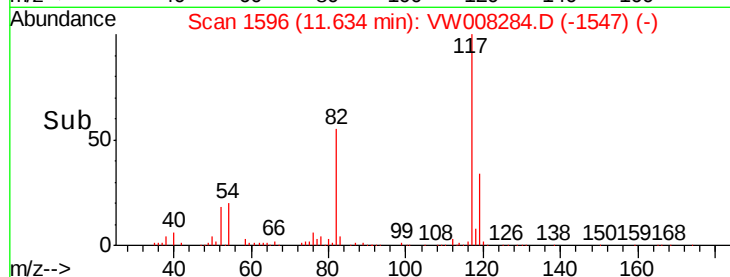
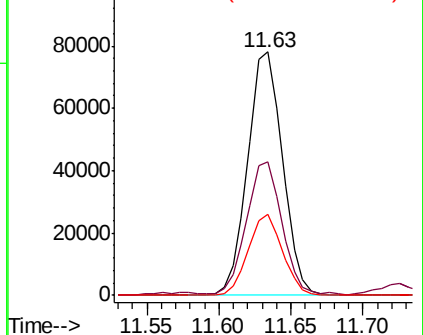
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008284.D
Acq: 15 Jan 2019 15:12

Instrument :
MSVOA_W
ClientSampleId :
CPSB-19(15-20)

Tgt Ion:117 Resp: 130842
Ion Ratio Lower Upper
117 100
82 54.3 46.4 69.6
119 33.6 24.7 37.1

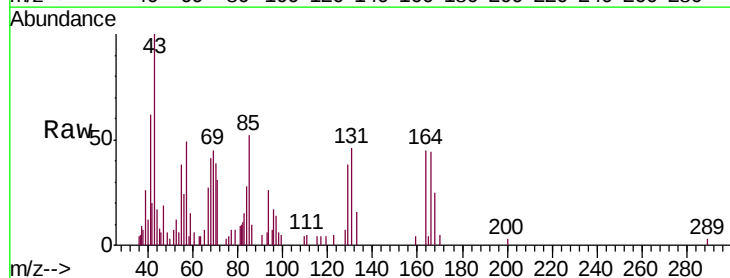


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

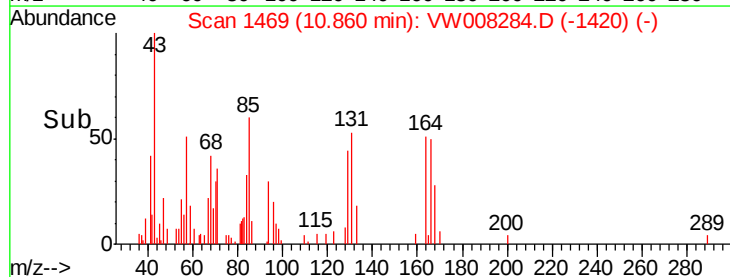
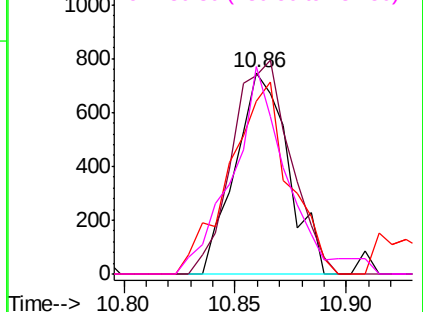


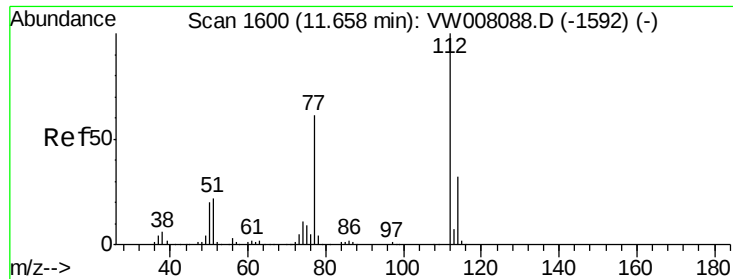
#64
Tetrachloroethene
Concen: 1.456 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW008284.D
Acq: 15 Jan 2019 15:12

Tgt Ion:164 Resp: 1240
Ion Ratio Lower Upper
164 100
166 98.1 100.7 151.1#
129 85.4 81.0 121.4
131 95.2 76.1 114.1



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

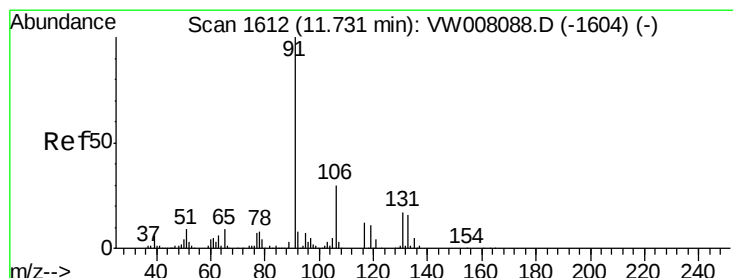
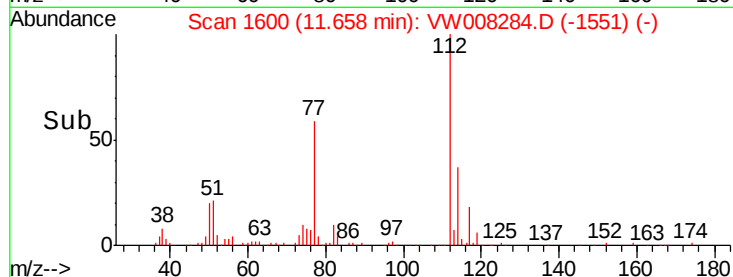
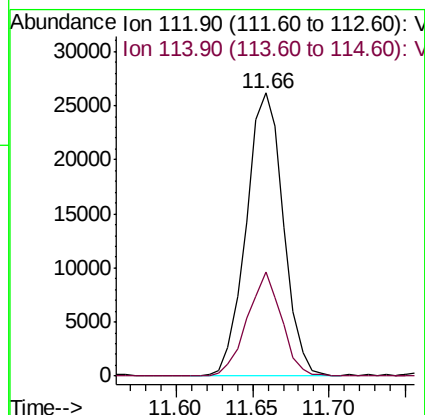
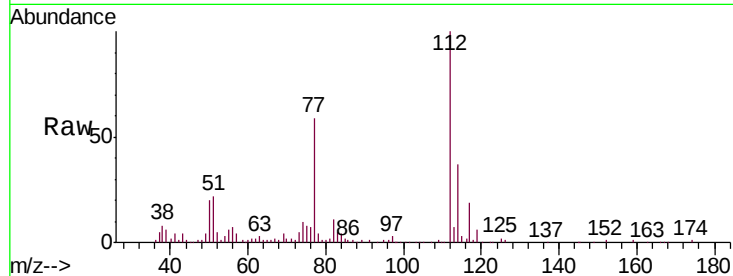




#65
Chlorobenzene
Concen: 15.936 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008284.D
Acq: 15 Jan 2019 15:12

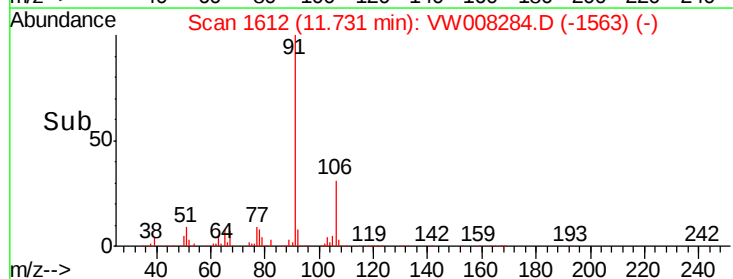
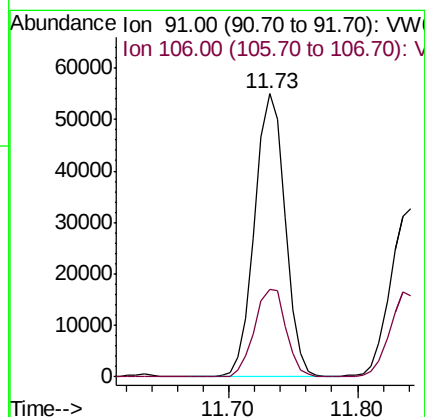
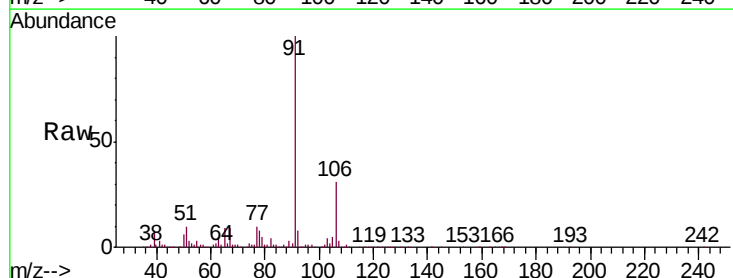
Instrument :
MSVOA_W
ClientSampleId :
CPSB-19(15-20)

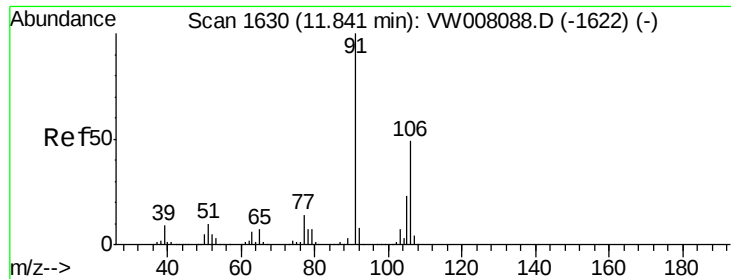
Tgt Ion:112 Resp: 44173
Ion Ratio Lower Upper
112 100
114 36.7 25.6 38.4



#67
Ethyl Benzene
Concen: 17.534 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008284.D
Acq: 15 Jan 2019 15:12

Tgt Ion: 91 Resp: 88934
Ion Ratio Lower Upper
91 100
106 30.9 24.2 36.4

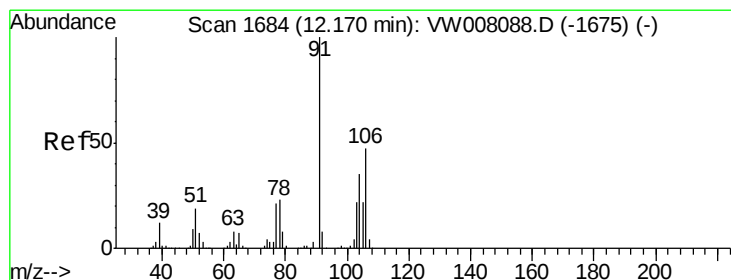
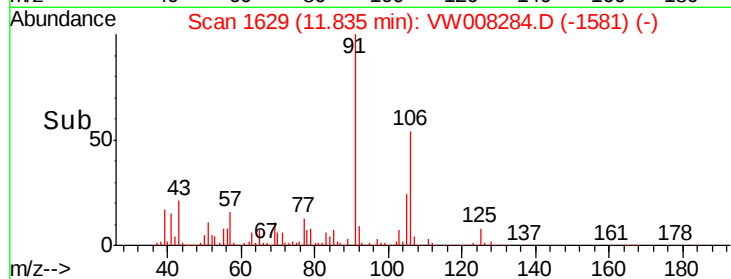
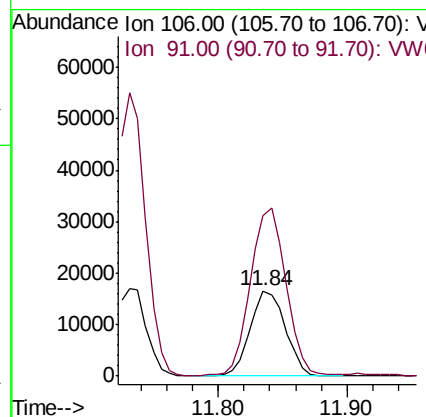
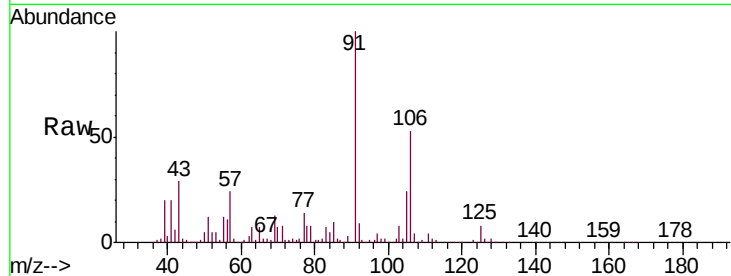




#68
m/p-Xylenes
Concen: 16.163 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008284.D
Acq: 15 Jan 2019 15:12

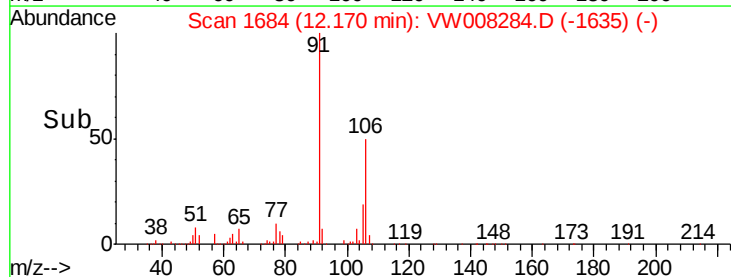
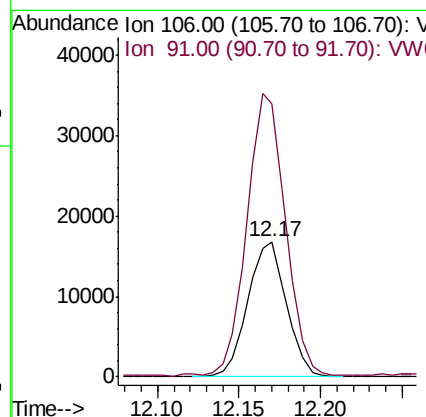
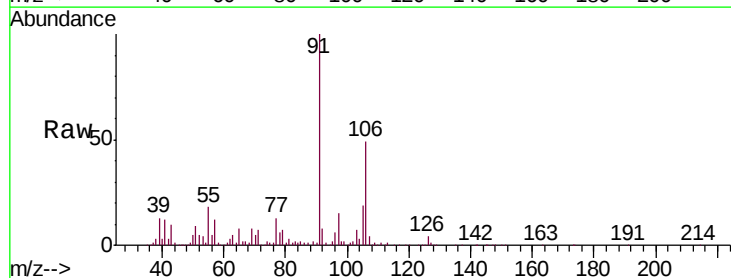
Instrument :
MSVOA_W
ClientSampleId :
CPSB-19(15-20)

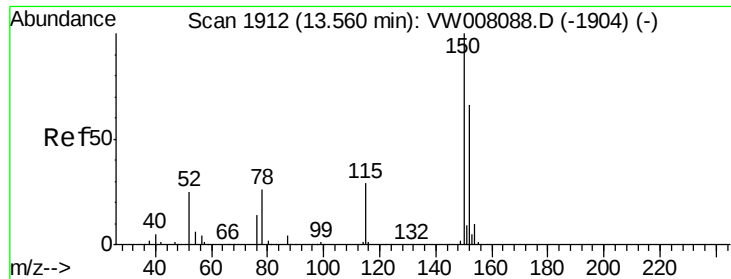
Tgt Ion:106 Resp: 31291
Ion Ratio Lower Upper
106 100
91 196.8 162.4 243.6



#69
o-Xylene
Concen: 15.395 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008284.D
Acq: 15 Jan 2019 15:12

Tgt Ion:106 Resp: 27600
Ion Ratio Lower Upper
106 100
91 209.9 107.8 323.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008284.D

Acq: 15 Jan 2019 15:12

Instrument :

MSVOA_W

ClientSampleId :

CPSB-19(15-20)

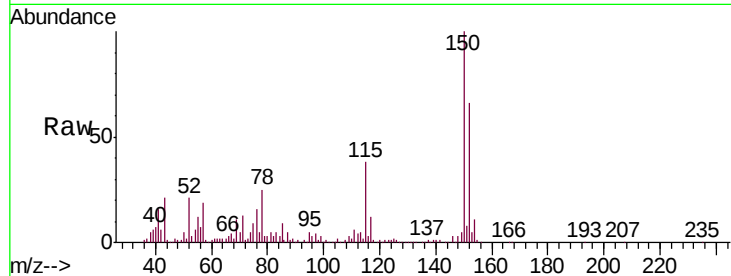
Tgt Ion:152 Resp: 50520

Ion Ratio Lower Upper

152 100

115 63.6 30.8 92.4

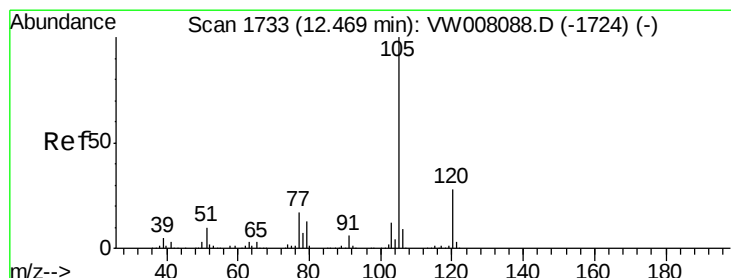
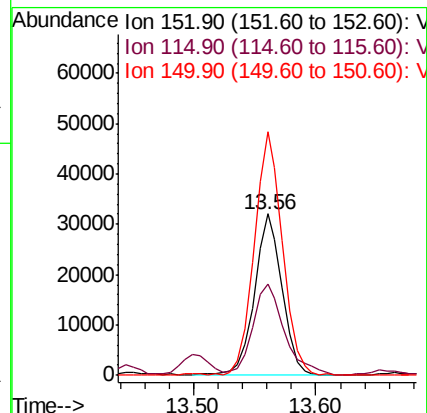
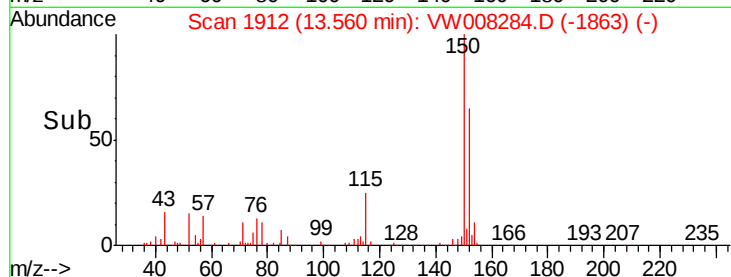
150 153.2 0.0 350.2



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: 11.759 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW008284.D

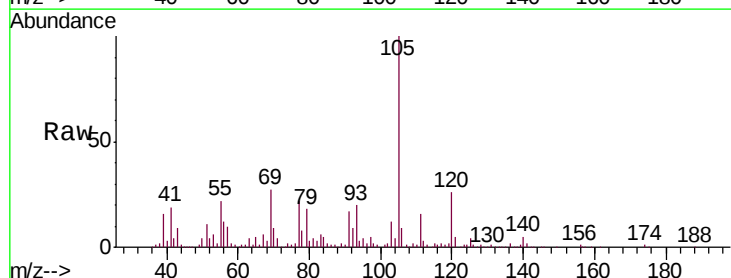
Acq: 15 Jan 2019 15:12

Tgt Ion:105 Resp: 46641

Ion Ratio Lower Upper

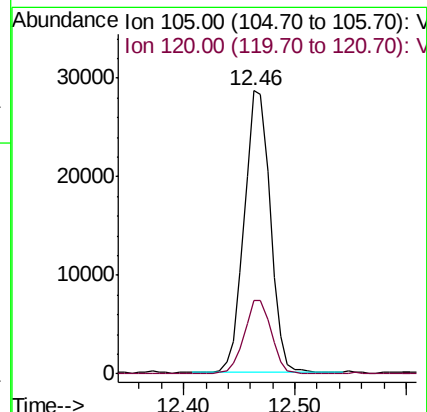
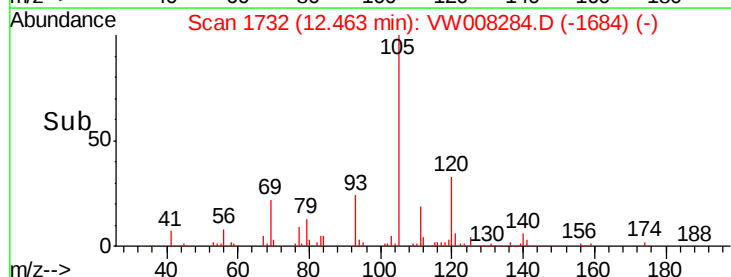
105 100

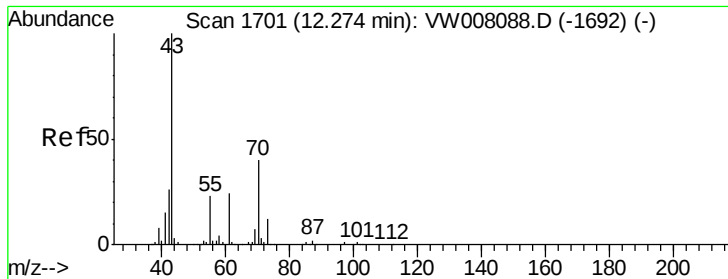
120 27.0 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

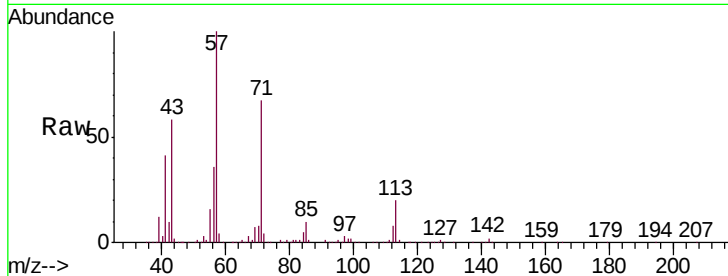




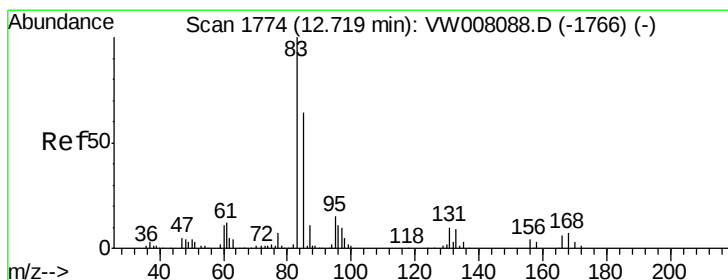
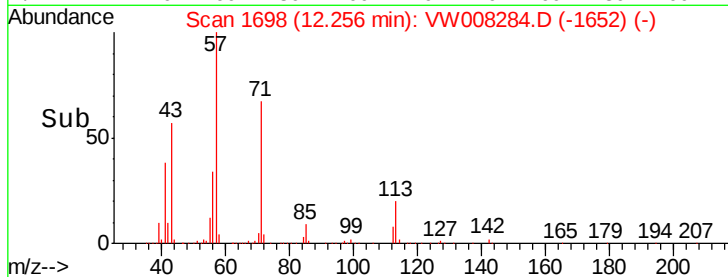
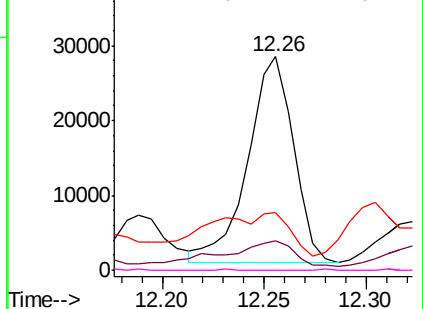
#74
N-ethyl acetate
Concen: 48.887 ug/l
RT: 12.26 min Scan# 1698
Delta R.T. -0.02 min
Lab File: VW008284.D
Acq: 15 Jan 2019 15:12

Instrument :
MSVOA_W
ClientSampleId :
CPSB-19(15-20)

Tgt Ion: 43 Resp: 42940
Ion Ratio Lower Upper
43 100
70 19.4 32.4 48.6#
55 0.0 18.7 28.1#
61 0.0 19.0 28.6#

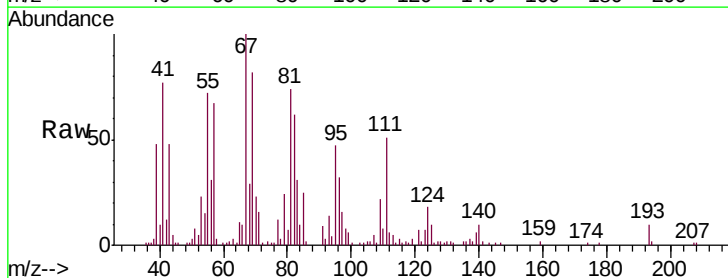


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 70.00 (69.70 to 70.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 61.00 (60.70 to 61.70): VW

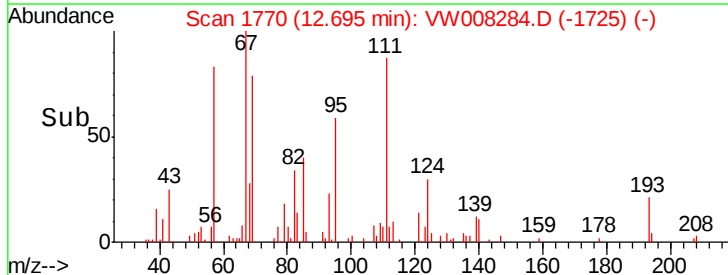
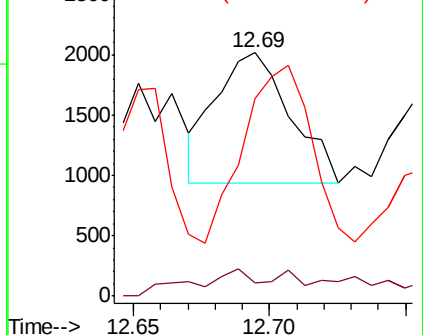


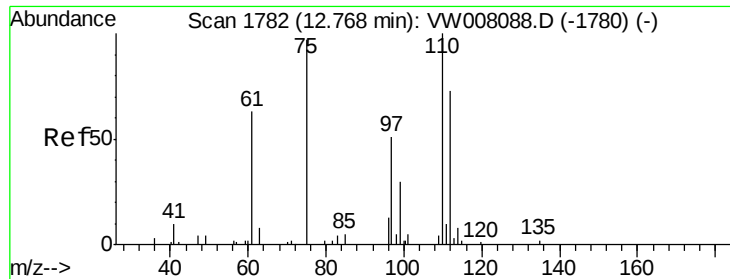
#75
1,1,2,2-Tetrachloroethane
Concen: 3.259 ug/l
RT: 12.69 min Scan# 1770
Delta R.T. -0.02 min
Lab File: VW008284.D
Acq: 15 Jan 2019 15:12

Tgt Ion: 83 Resp: 2069
Ion Ratio Lower Upper
83 100
131 18.0 5.3 16.1#
85 121.7 32.4 97.2#



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW

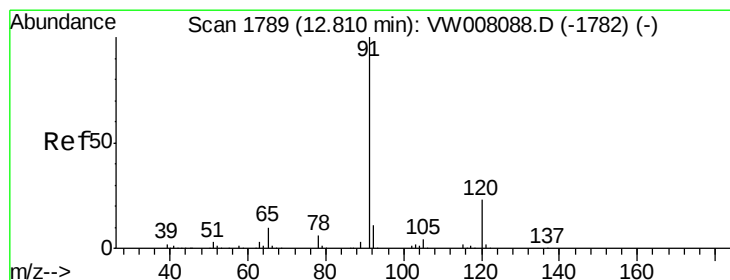
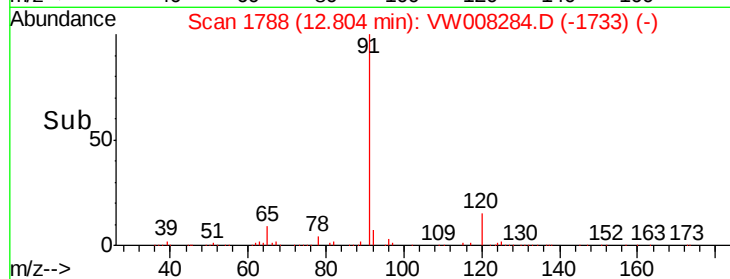
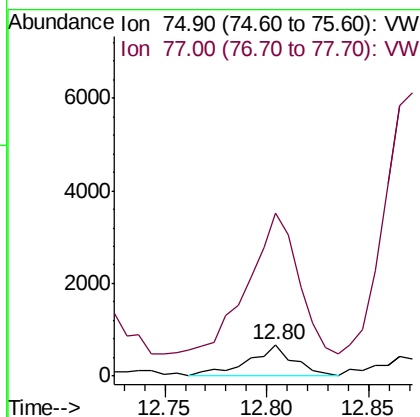
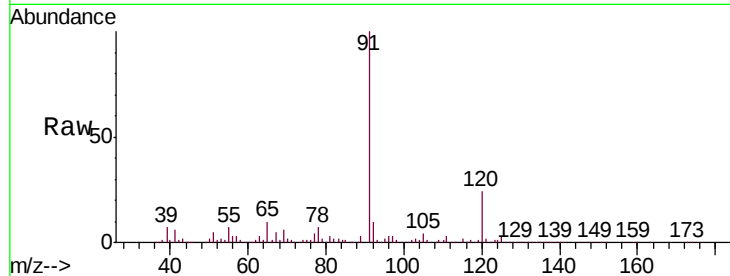




#76
 1,2,3-Trichloropropane
 Concen: 2.306 ug/l
 RT: 12.80 min Scan# 1788
 Delta R.T. 0.04 min
 Lab File: VW008284.D
 Acq: 15 Jan 2019 15:12

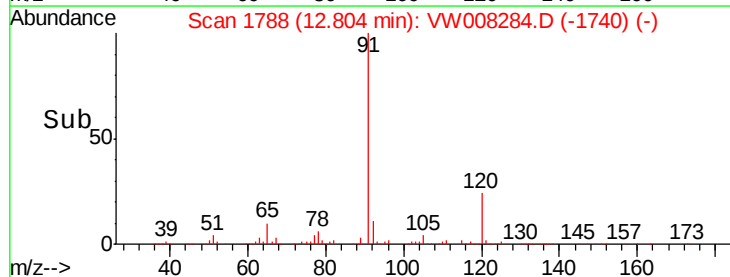
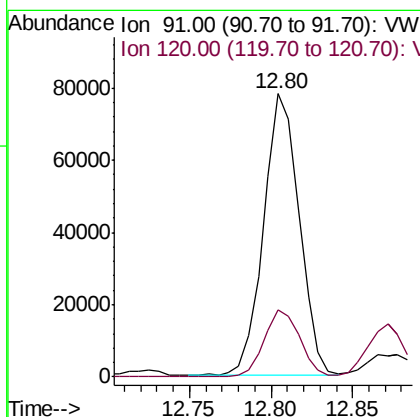
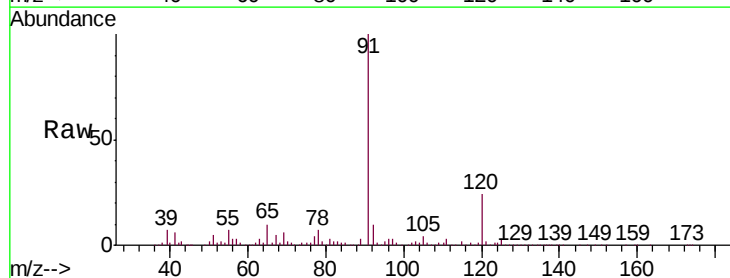
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-19(15-20)

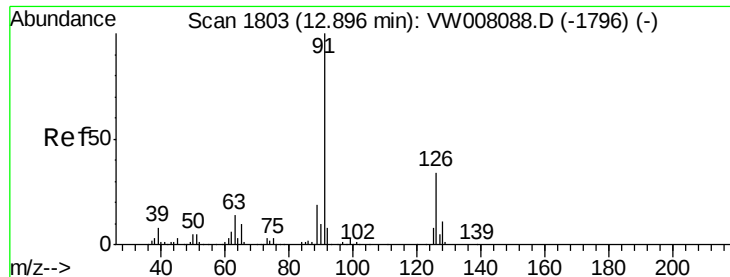
Tgt Ion: 75 Resp: 1062
 Ion Ratio Lower Upper
 75 100
 77 493.8 179.4 538.2



#78
 n-propylbenzene
 Concen: 24.332 ug/l
 RT: 12.80 min Scan# 1788
 Delta R.T. -0.01 min
 Lab File: VW008284.D
 Acq: 15 Jan 2019 15:12

Tgt Ion: 91 Resp: 118247
 Ion Ratio Lower Upper
 91 100
 120 24.1 11.3 33.8





#79

2-Chlorotoluene

Concen: 3.286 ug/l

RT: 12.87 min Scan# 1798

Delta R.T. -0.03 min

Lab File: VW008284.D

Acq: 15 Jan 2019 15:12

Instrument :

MSVOA_W

ClientSampleId :

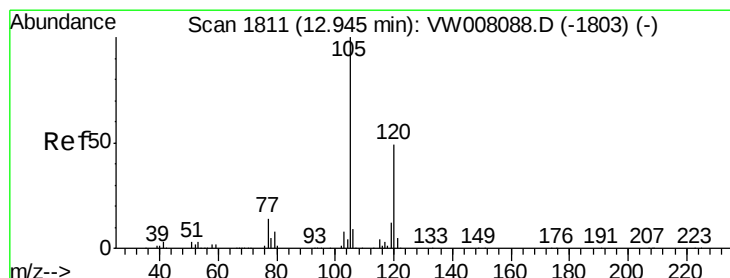
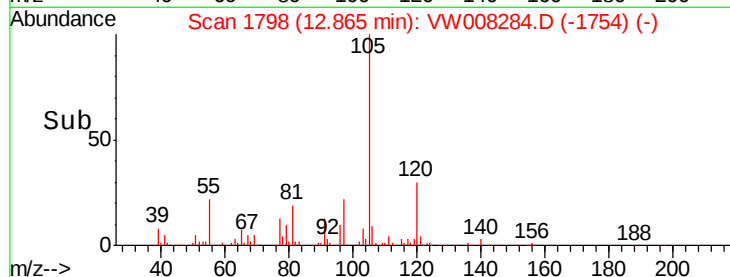
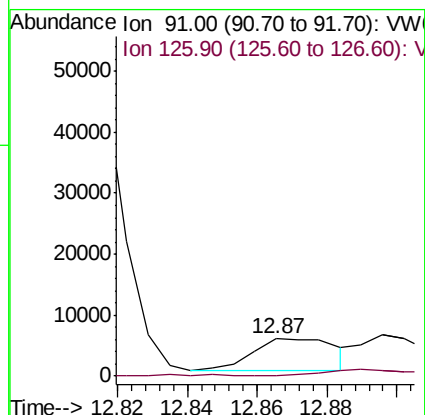
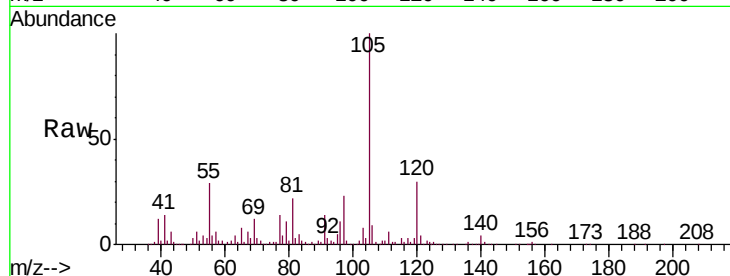
CPSB-19(15-20)

Tgt Ion: 91 Resp: 8910

Ion Ratio Lower Upper

91 100

126 3.8 16.8 50.3#



#80

1,3,5-Trimethylbenzene

Concen: 31.135 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008284.D

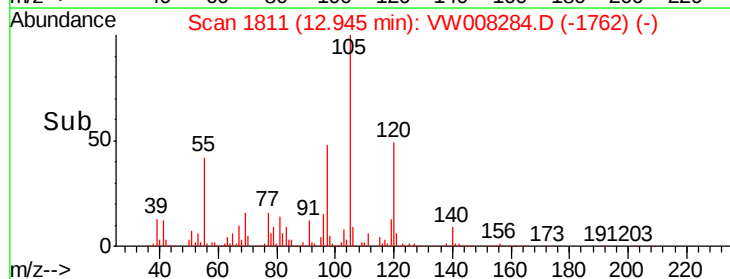
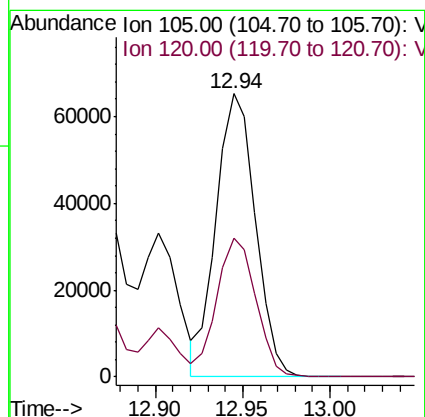
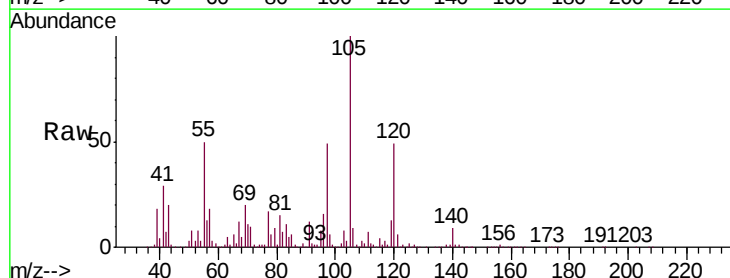
Acq: 15 Jan 2019 15:12

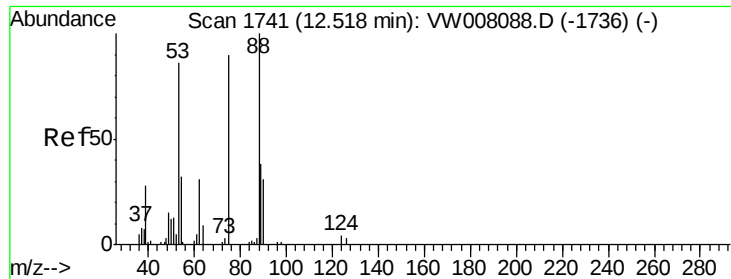
Tgt Ion: 105 Resp: 101480

Ion Ratio Lower Upper

105 100

120 49.2 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 150.493 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW008284.D

Acq: 15 Jan 2019 15:12

Instrument :

MSVOA_W

ClientSampleId :

CPSB-19(15-20)

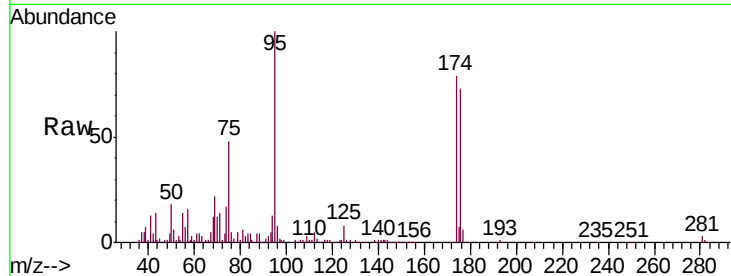
Tgt Ion: 75 Resp: 29763

Ion Ratio Lower Upper

75 100

53 3.7 78.8 118.2#

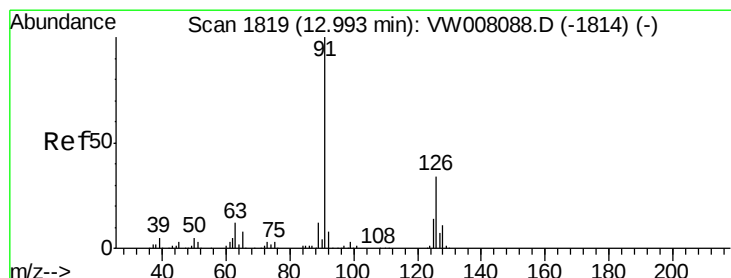
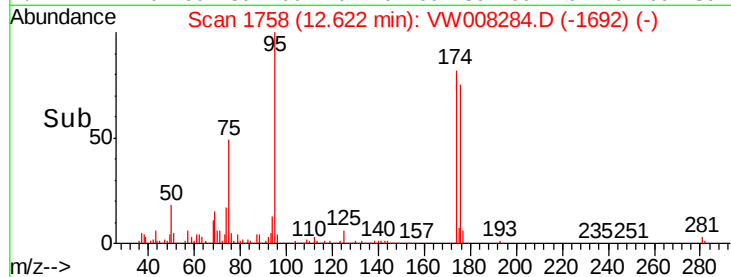
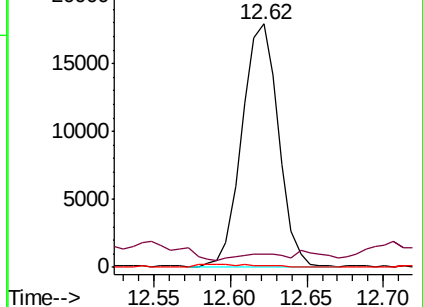
89 0.0 35.4 53.2#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 3.660 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.05 min

Lab File: VW008284.D

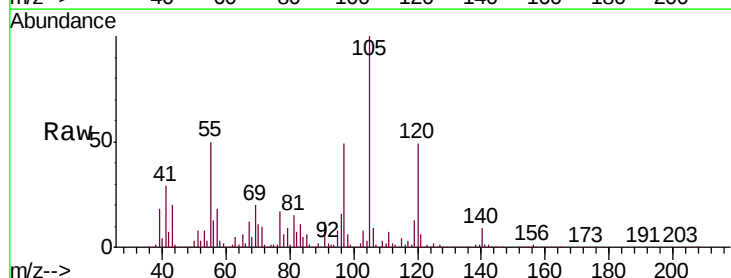
Acq: 15 Jan 2019 15:12

Tgt Ion: 91 Resp: 10452

Ion Ratio Lower Upper

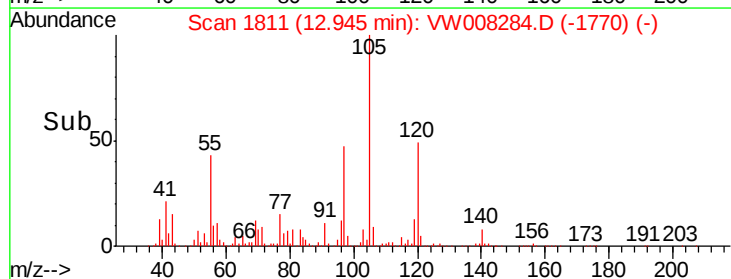
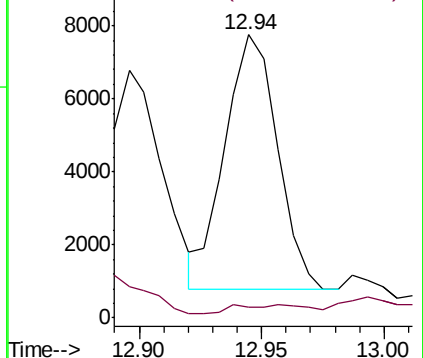
91 100

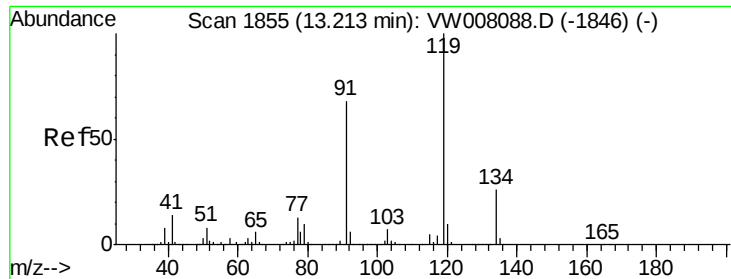
126 4.3 16.5 49.5#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

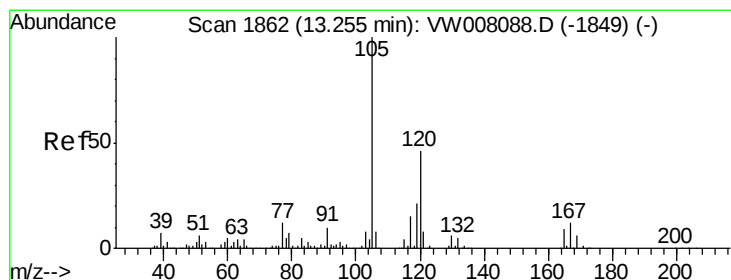
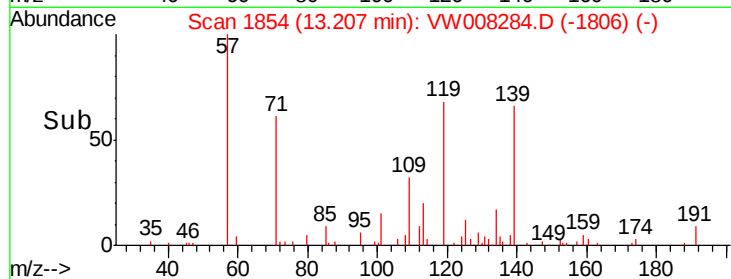
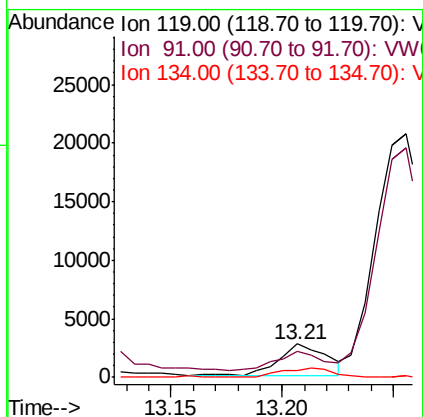
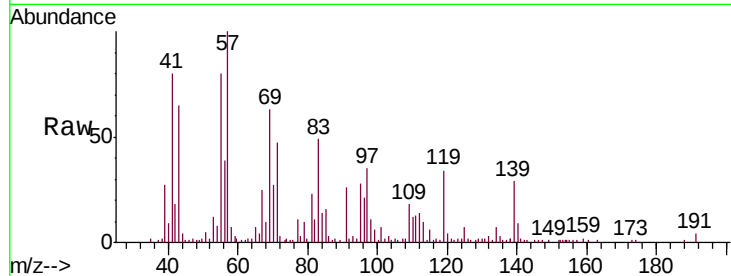




#83
tert-Butylbenzene
Concen: 1.423 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW008284.D
Acq: 15 Jan 2019 15:12

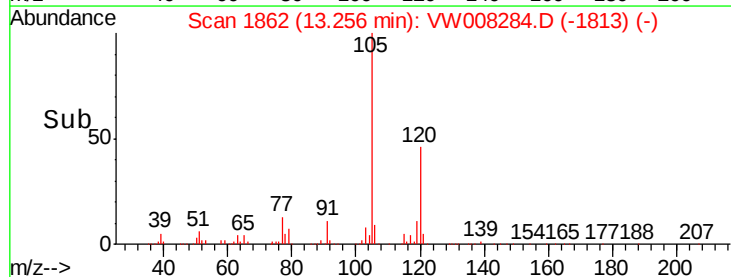
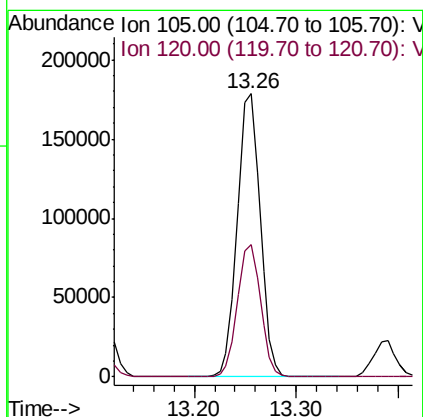
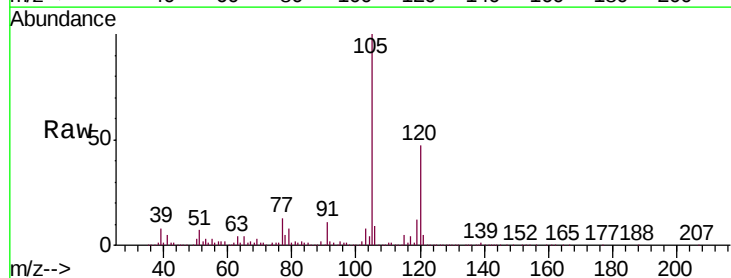
Instrument :
MSVOA_W
ClientSampleId :
CPSB-19(15-20)

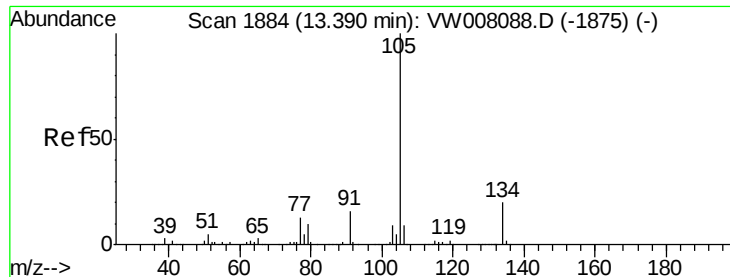
Tgt Ion:119 Resp: 4104
Ion Ratio Lower Upper
119 100
91 57.9 33.9 101.6
134 31.4 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 82.336 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008284.D
Acq: 15 Jan 2019 15:12

Tgt Ion:105 Resp: 276781
Ion Ratio Lower Upper
105 100
120 47.5 22.7 68.1

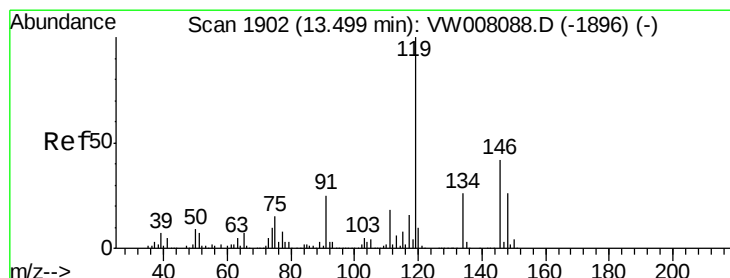
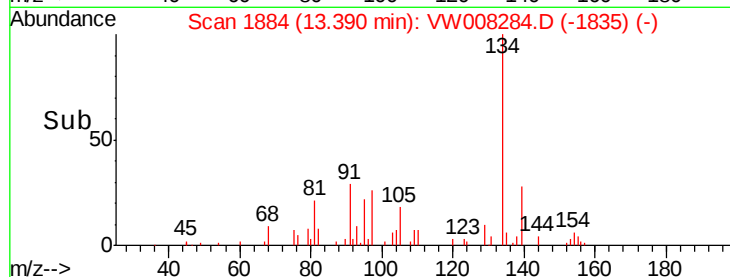
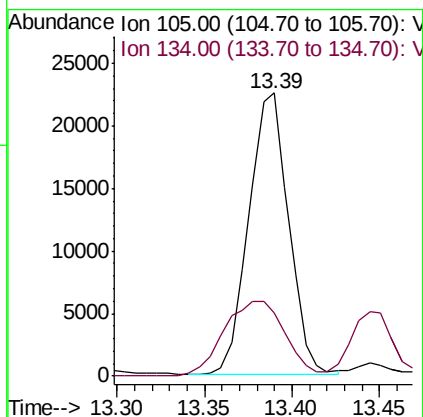
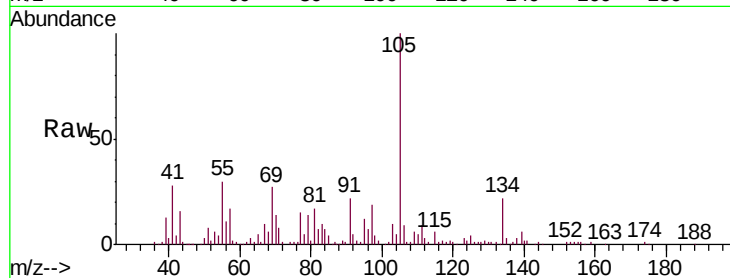




#85
 sec-Butylbenzene
 Concen: 8.461 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW008284.D
 Acq: 15 Jan 2019 15:12

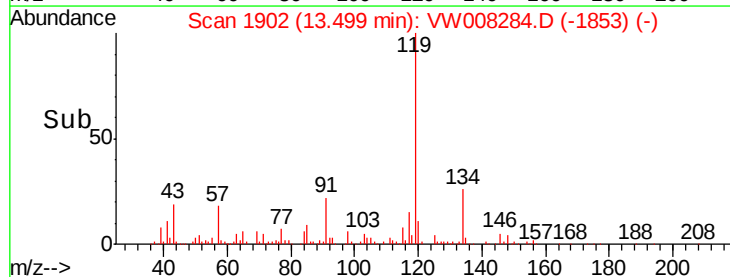
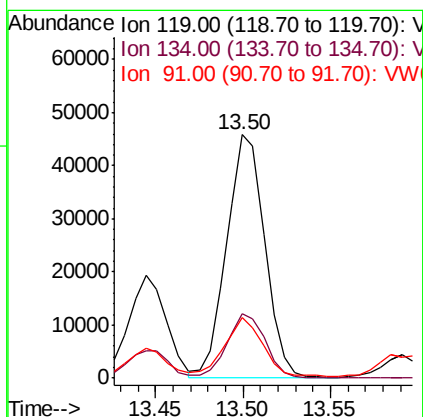
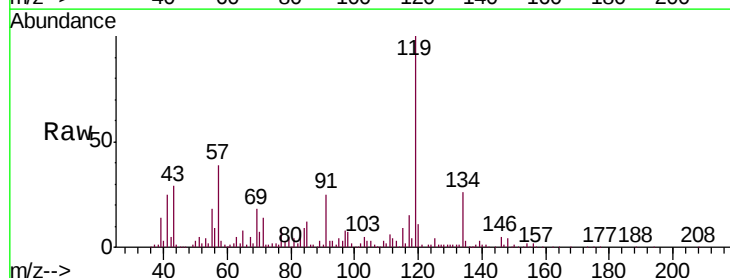
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-19(15-20)

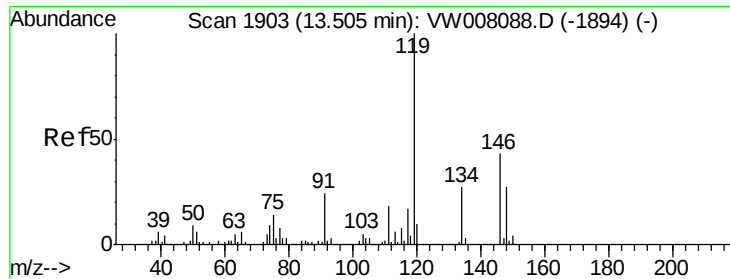
Tgt Ion:105 Resp: 35739
 Ion Ratio Lower Upper
 105 100
 134 40.3 10.1 30.1#



#86
 p-Isopropyltoluene
 Concen: 18.973 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW008284.D
 Acq: 15 Jan 2019 15:12

Tgt Ion:119 Resp: 69205
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.8
 91 23.5 12.3 36.9

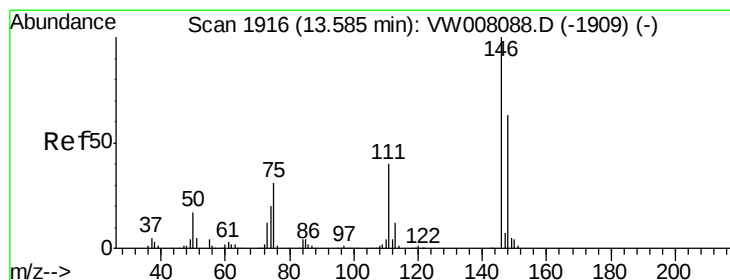
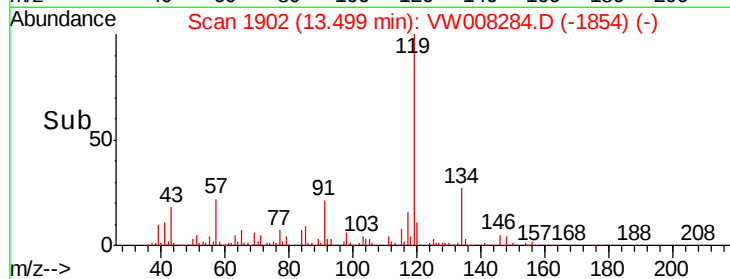
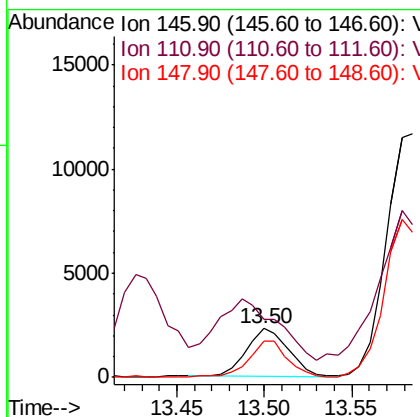
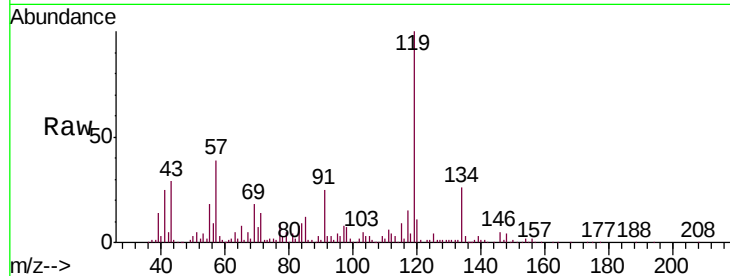




#87
 1,3-Dichlorobenzene
 Concen: 2.259 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008284.D
 Acq: 15 Jan 2019 15:12

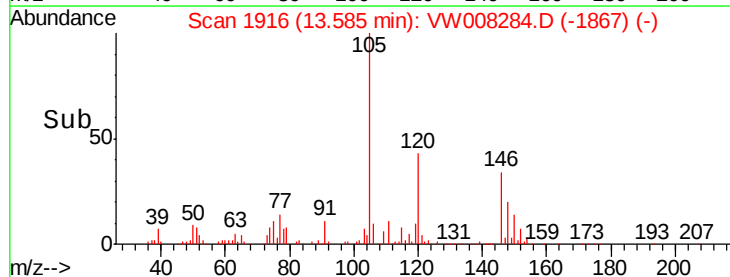
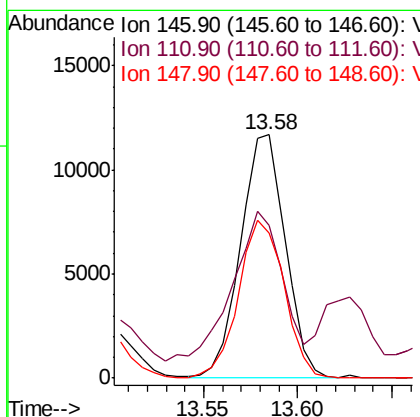
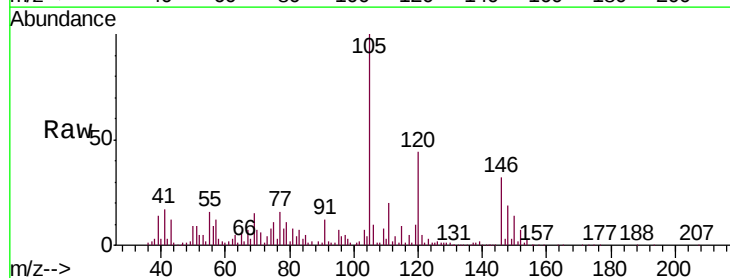
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-19(15-20)

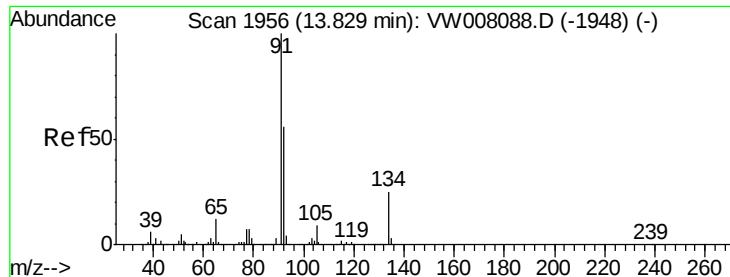
Tgt Ion:146 Resp: 3840
 Ion Ratio Lower Upper
 146 100
 111 179.8 21.1 63.1#
 148 69.7 31.3 93.9



#88
 1,4-Dichlorobenzene
 Concen: 11.296 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW008284.D
 Acq: 15 Jan 2019 15:12

Tgt Ion:146 Resp: 19268
 Ion Ratio Lower Upper
 146 100
 111 67.3 20.5 61.5#
 148 65.9 31.6 94.8





#89

n-Butylbenzene

Concen: 18.471 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008284.D

Acq: 15 Jan 2019 15:12

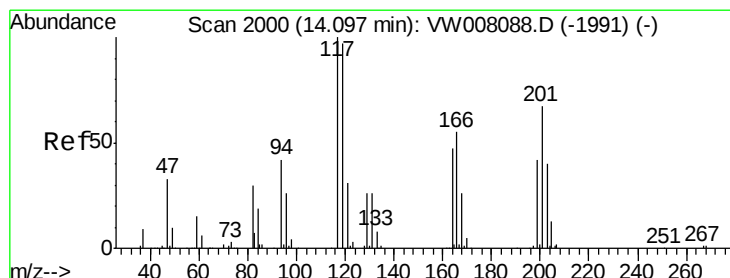
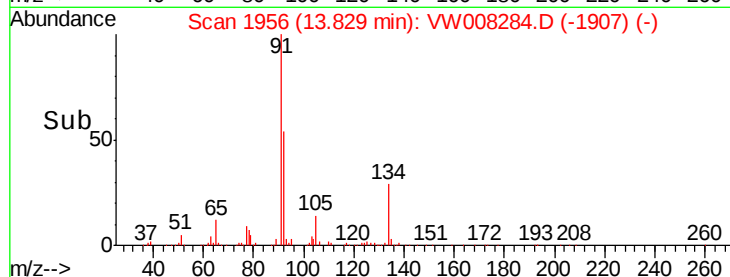
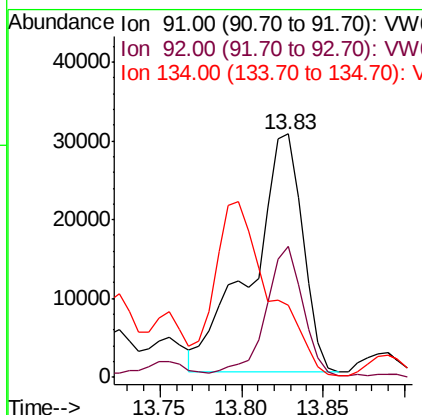
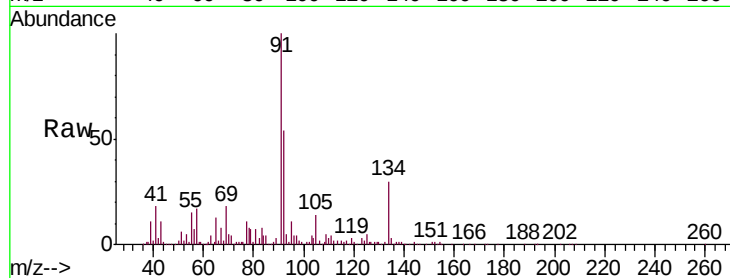
Instrument :

MSVOA_W

ClientSampleId :

CPSB-19(15-20)

Tgt Ion:	91	Resp:	65987
Ion	Ratio	Lower	Upper
91	100		
92	39.2	27.4	82.2
134	0.0	12.6	37.8#



#90

Hexachloroethane

Concen: 23.269 ug/l

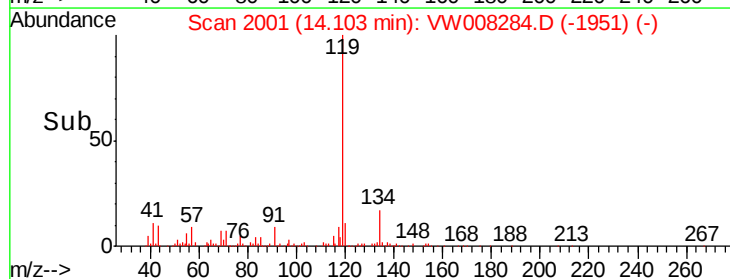
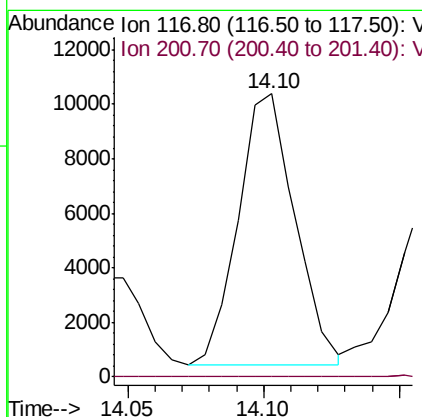
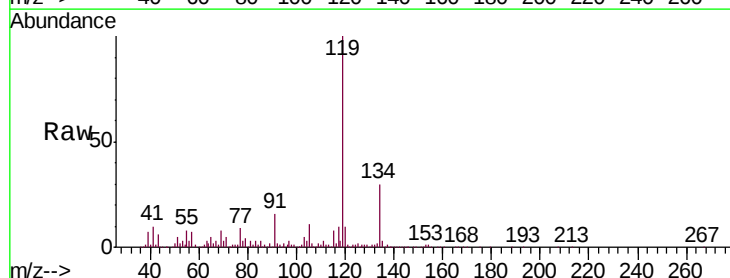
RT: 14.10 min Scan# 2001

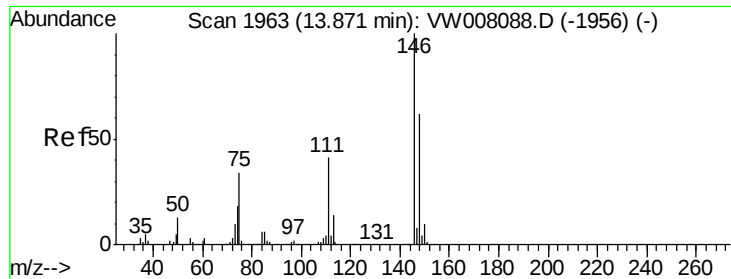
Delta R.T. 0.01 min

Lab File: VW008284.D

Acq: 15 Jan 2019 15:12

Tgt Ion:	117	Resp:	14336
Ion	Ratio	Lower	Upper
117	100		
201	0.0	33.0	98.9#

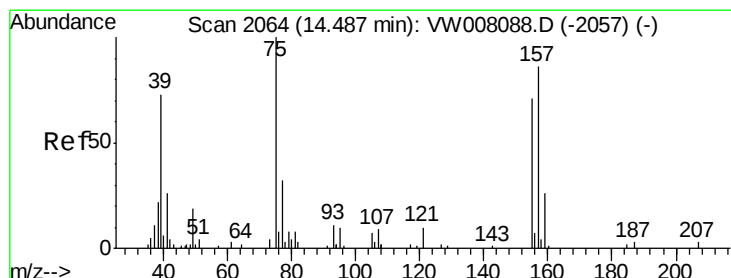
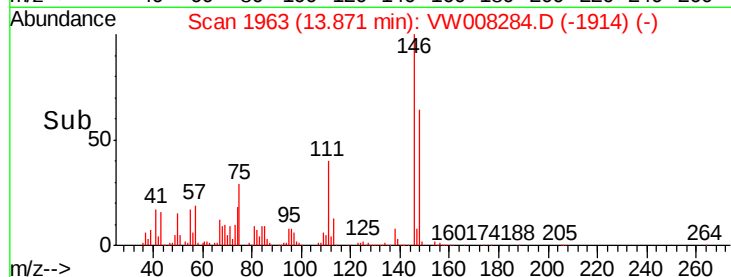
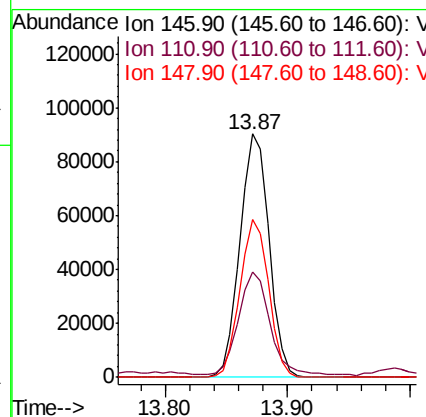
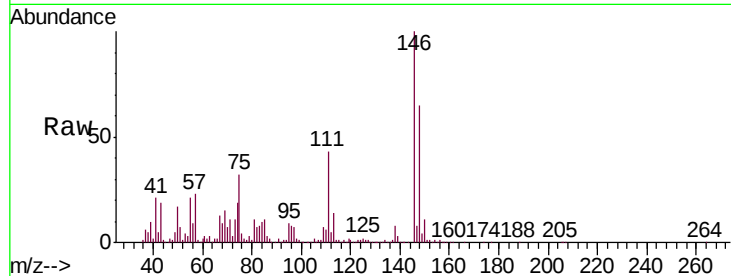




#91
 1,2-Dichlorobenzene
 Concen: 99.418 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW008284.D
 Acq: 15 Jan 2019 15:12

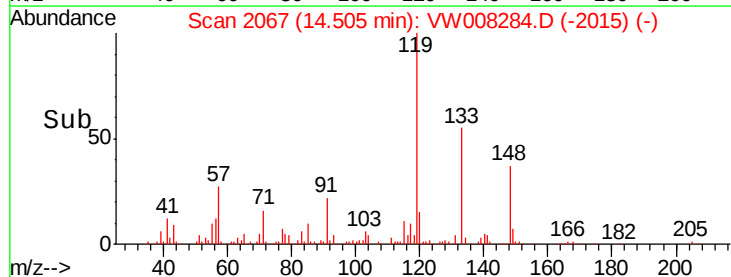
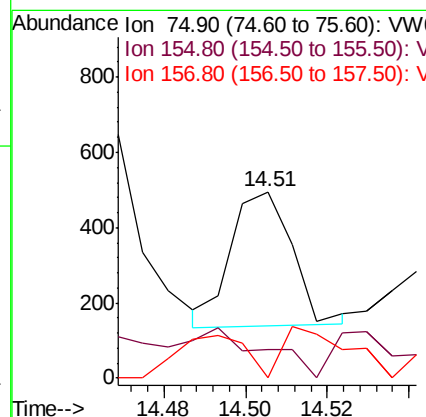
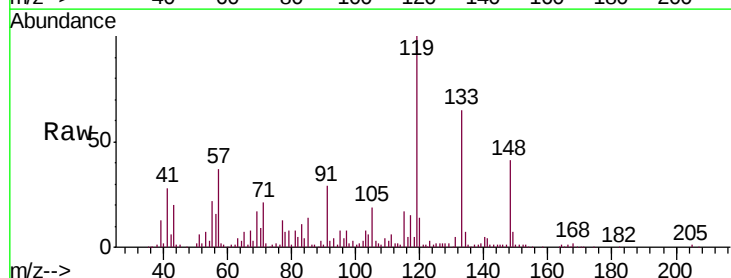
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-19(15-20)

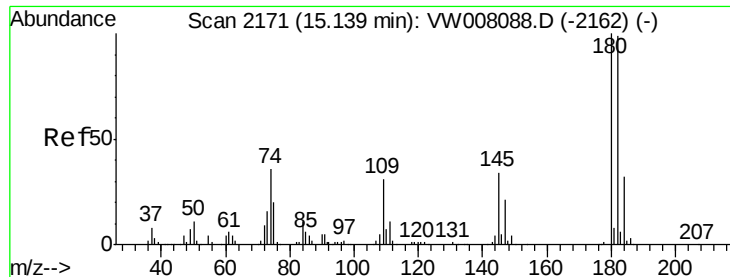
Tgt Ion:146 Resp: 148538
 Ion Ratio Lower Upper
 146 100
 111 45.2 21.3 63.7
 148 64.1 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.641 ug/l
 RT: 14.51 min Scan# 2067
 Delta R.T. 0.02 min
 Lab File: VW008284.D
 Acq: 15 Jan 2019 15:12

Tgt Ion: 75 Resp: 372
 Ion Ratio Lower Upper
 75 100
 155 0.0 38.6 115.7#
 157 40.1 47.5 142.6#

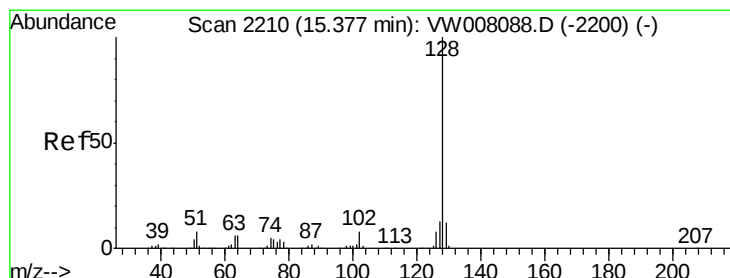
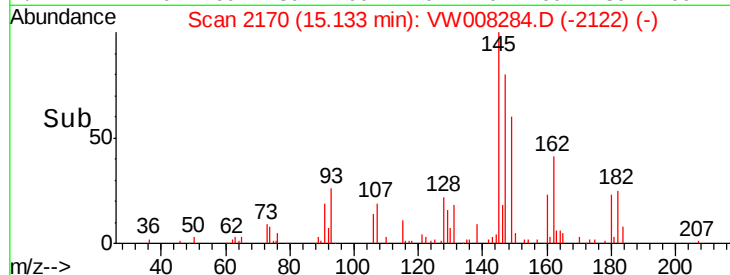
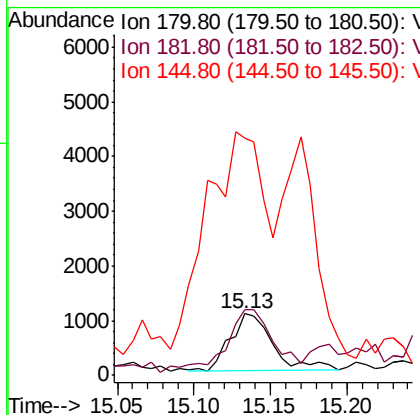
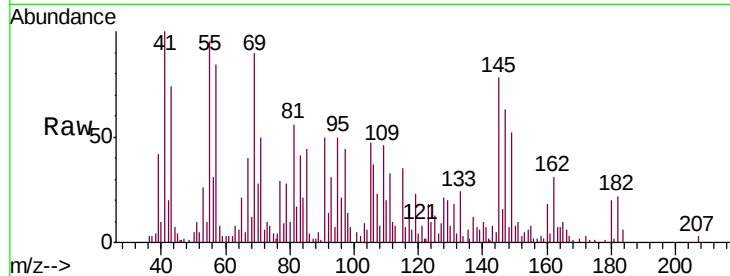




#93
 1,2,4-Trichlorobenzene
 Concen: 2.045 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: VW008284.D
 Acq: 15 Jan 2019 15:12

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-19(15-20)

Tgt Ion:180 Resp: 2029
 Ion Ratio Lower Upper
 180 100
 182 122.4 48.6 145.9
 145 588.1 16.6 49.7#



#95
 Naphthalene
 Concen: 52.898 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: VW008284.D
 Acq: 15 Jan 2019 15:12

Tgt Ion:128 Resp: 97977
 Ion Ratio Lower Upper
 128 100
 127 16.3 11.0 16.4
 129 12.7 9.0 13.6

