

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010419\
 Data File : VW008052.D
 Acq On : 04 Jan 2019 17:16
 Operator : SY/AP
 Sample : K1044-07
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-09(10-15)

Quant Time: Jan 05 00:38:30 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	59733	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	100667	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	71870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	20595	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	38943	58.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.88%	
35) Dibromofluoromethane	7.88	113	32193	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
50) Toluene-d8	10.32	98	112884	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	
62) 4-Bromofluorobenzene	12.62	95	33937	37.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.34%	

Target Compounds

					Qvalue
11) Tert butyl alcohol	5.18	59	64	1.491	ug/l # 71
13) Acrolein	3.85	56	167	5.742	ug/l # 1
16) Acetone	4.14	43	1629	15.928	ug/l # 83
17) Carbon Disulfide	4.38	76	41359	22.577	ug/l 100
20) Methylene Chloride	4.92	84	2632	1.886	ug/l 89
24) 1,1-Dichloroethane	6.21	63	1477	1.363	ug/l # 84
25) 2-Butanone	7.19	43	922	7.652	ug/l # 82
29) Tetrahydrofuran	7.70	42	428	5.718	ug/l # 32
31) Cyclohexane	7.95	56	3375	3.342	ug/l # 67
36) 1,1-Dichloropropene	7.95	75	4570	4.602	ug/l # 52
37) Ethyl Acetate	7.19	43	922	3.091	ug/l # 55
38) Carbon Tetrachloride	7.95	117	6546	5.500	ug/l # 15
39) Methylcyclohexane	9.34	83	8935	7.218	ug/l 91
40) Benzene	8.32	78	19346	7.385	ug/l 99
41) Methacrylonitrile	7.70	41	4537	25.869	ug/l # 1
43) Isopropyl Acetate	8.42	43	916	1.537	ug/l # 49
44) Trichloroethene	9.09	130	4258	5.508	ug/l 99
48) Methyl methacrylate	9.48	41	1212	4.033	ug/l # 32
51) 4-Methyl-2-Pentanone	10.25	43	3356	12.165	ug/l 89
52) Toluene	10.39	92	59295	34.285	ug/l 100
55) 1,1,2-Trichloroethane	10.76	97	6984	15.559	ug/l # 28
56) Ethyl methacrylate	10.66	69	3036	5.983	ug/l # 7
59) 2-Hexanone	10.94	43	17081	89.684	ug/l # 30
64) Tetrachloroethene	10.87	164	3280	6.607	ug/l 88
67) Ethyl Benzene	11.73	91	219837	80.633	ug/l # 88
68) m/p-Xylenes	11.85	106	54594	51.795	ug/l 100
69) o-Xylene	12.17	106	72220	73.635	ug/l 98
70) Styrene	12.18	104	7006	4.383	ug/l # 1
73) Isopropylbenzene	12.47	105	48202	29.433	ug/l 97
74) N-amyl acetate	12.26	43	77152	302.650	ug/l # 67
75) 1,1,2,2-Tetrachloroethane	12.69	83	7831	37.582	ug/l # 79
76) 1,2,3-Trichloropropane	12.80	75	1181	7.208	ug/l # 1
78) n-propylbenzene	12.81	91	129094	67.989	ug/l 95
79) 2-Chlorotoluene	12.87	91	34712	31.631	ug/l # 48

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 Quant Title : SW846 8260
 QLast Update : Thu Jan 03 05:03:55 2019
 Response via : Initial Calibration

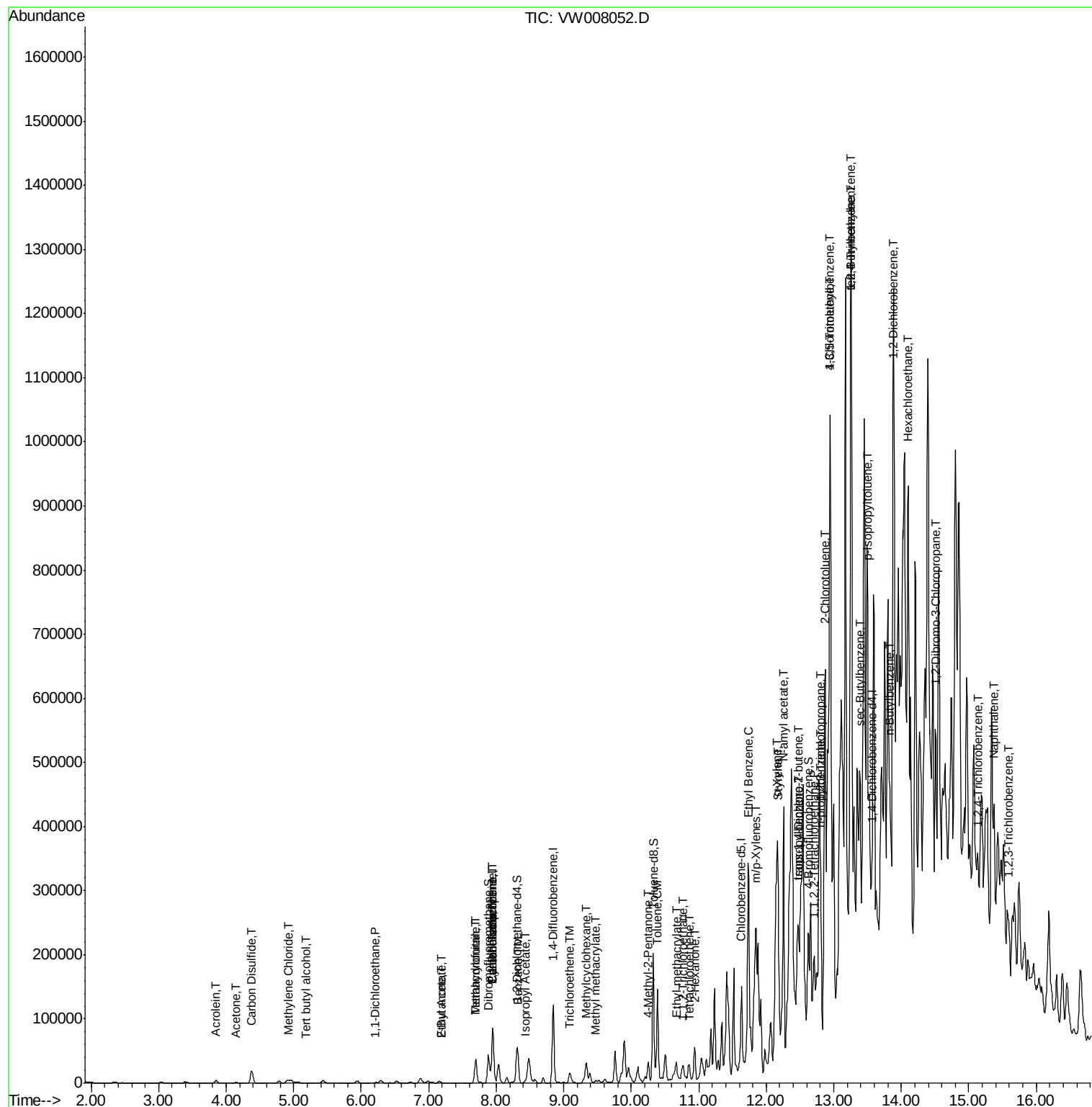
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	12.95	105	216408	153.518	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.46	75	847	12.225	ug/l #	1
82) 4-Chlorotoluene	12.95	91	23709	20.318	ug/l #	57
83) tert-Butylbenzene	13.26	119	79591	64.534	ug/l #	69
84) 1,2,4-Trimethylbenzene	13.26	105	660162	462.353	ug/l	98
85) sec-Butylbenzene	13.39	105	84414	49.755	ug/l #	74
86) p-Isopropyltoluene	13.51	119	71178	46.512	ug/l	96
89) n-Butylbenzene	13.83	91	82831	59.175	ug/l #	71
90) Hexachloroethane	14.10	117	21775	82.003	ug/l #	12
91) 1,2-Dichlorobenzene	13.87	146	1446	2.317	ug/l #	64
92) 1,2-Dibromo-3-Chloropropan	14.50	75	843	19.933	ug/l #	2
93) 1,2,4-Trichlorobenzene	15.15	180	965	2.201	ug/l #	1
95) Naphthalene	15.38	128	167175	223.931	ug/l	97
96) 1,2,3-Trichlorobenzene	15.60	180	1407	3.901	ug/l #	81

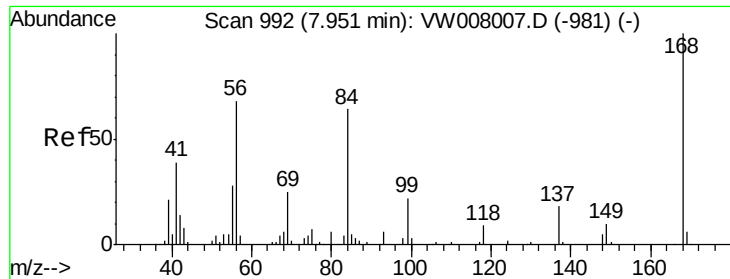
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010419\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008052.D

Acq: 04 Jan 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

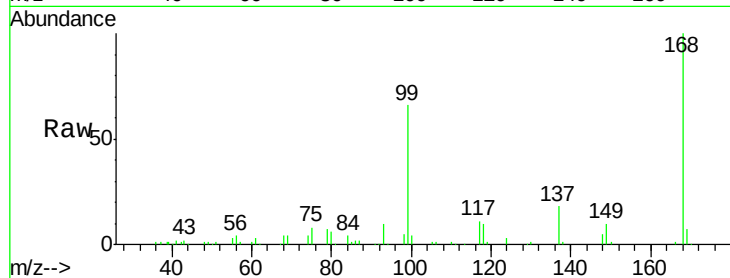
CPSB-09(10-15)

Tot Ion:168 Resp: 59733

Ion Ratio Lower Upper

168 100

99 65.6 51.6 77.4

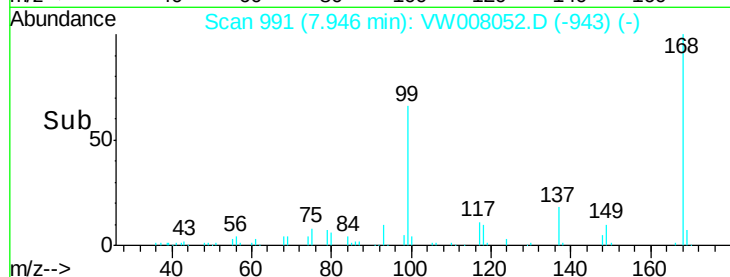


Abundance Ion 167.90 (167.60 to 168.60): V

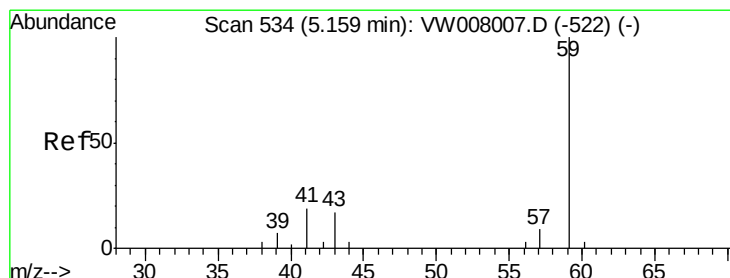
Ion 98.90 (98.60 to 99.60): VW

7.95

Time-->



Time-->



#11

Tert butyl alcohol

Concen: 1.491 ug/l

RT: 5.18 min Scan# 538

Delta R.T. 0.02 min

Lab File: VW008052.D

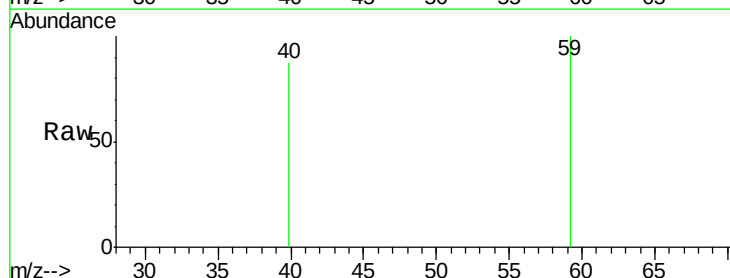
Acq: 04 Jan 2019 17:16

Tgt Ion: 59 Resp: 64

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#

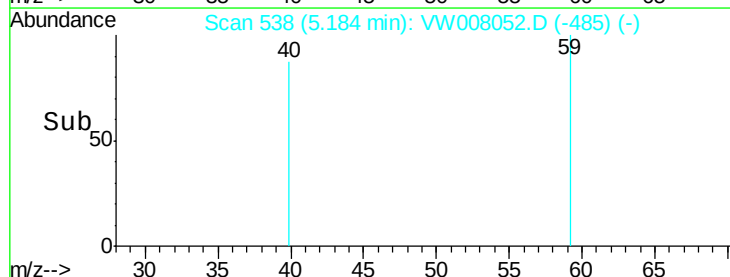


Abundance Ion 59.00 (58.70 to 59.70): VW

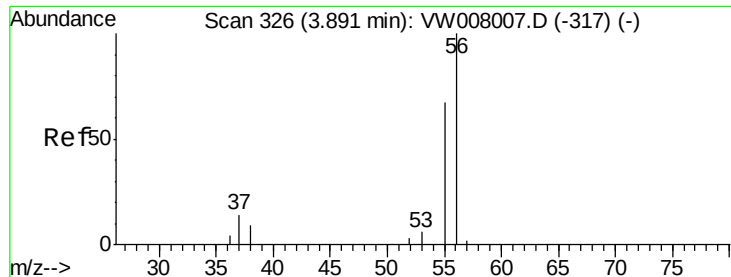
Ion 57.00 (56.70 to 57.70): VW

5.18

Time-->



Time-->



#13

Acrolein

Concen: 5.742 ug/l

RT: 3.85 min Scan# 320

Delta R.T. -0.04 min

Lab File: VW008052.D

Acq: 04 Jan 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

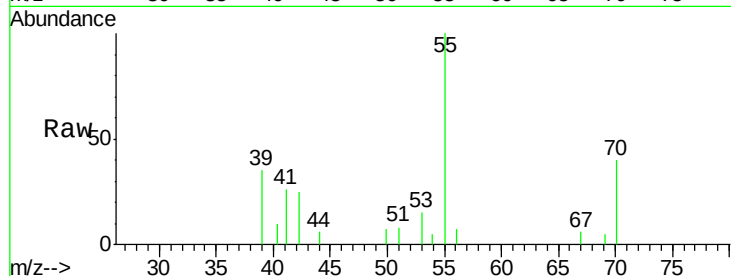
CPSB-09(10-15)

Tot Ion: 56 Resp: 167

Ion Ratio Lower Upper

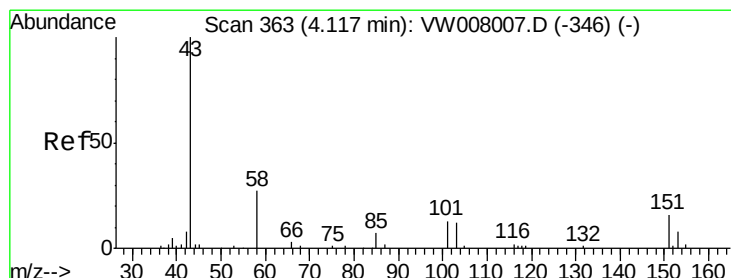
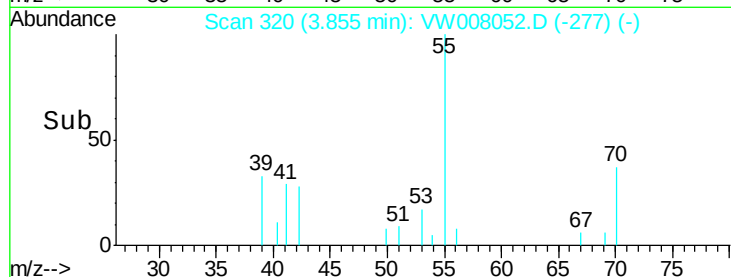
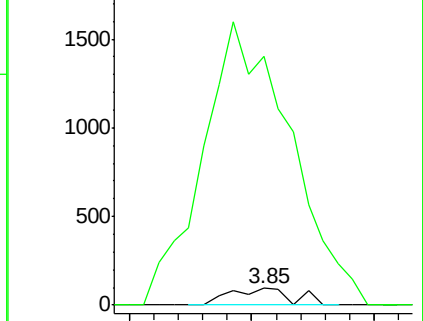
56 100

55 2380.8 57.3 85.9#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#16

Acetone

Concen: 15.928 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW008052.D

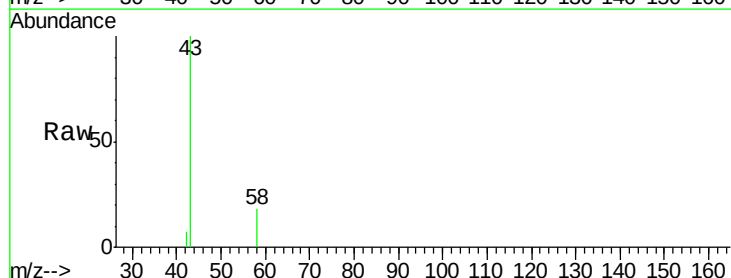
Acq: 04 Jan 2019 17:16

Tgt Ion: 43 Resp: 1629

Ion Ratio Lower Upper

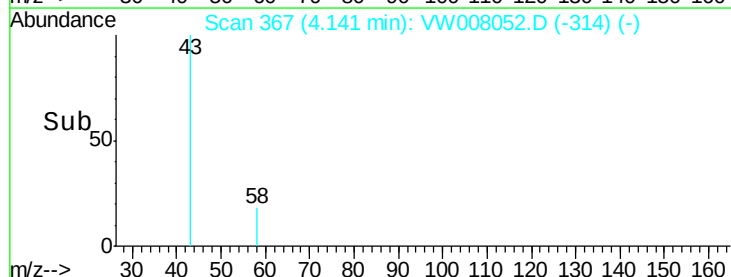
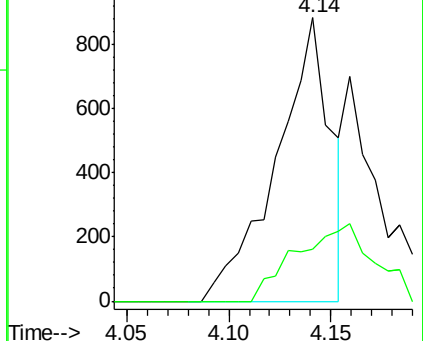
43 100

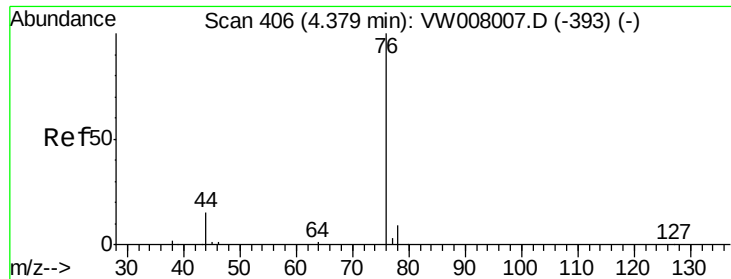
58 18.5 21.7 32.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 22.577 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW008052.D

Acq: 04 Jan 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

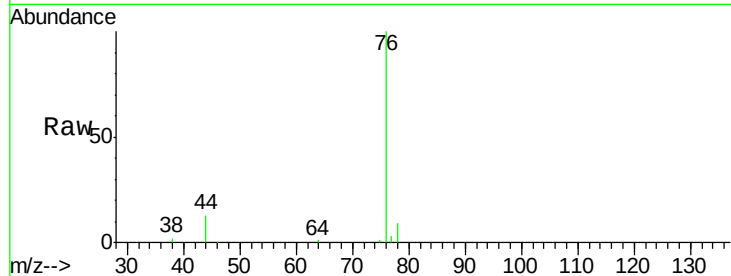
CPSB-09(10-15)

Tot Ion: 76 Resp: 41359

Ion Ratio Lower Upper

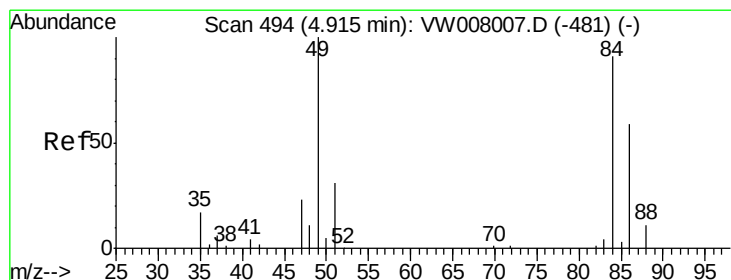
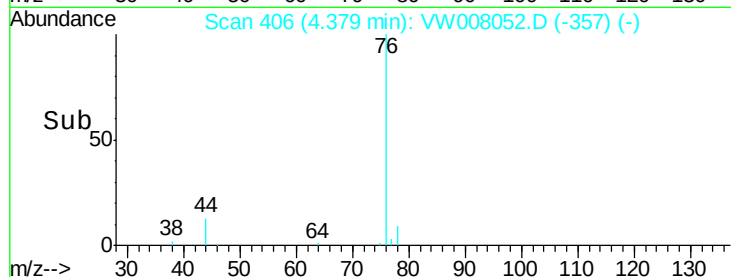
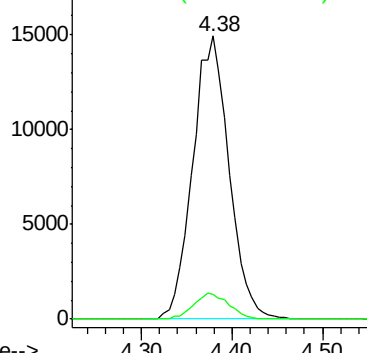
76 100

78 8.7 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#20

Methylene Chloride

Concen: 1.886 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW008052.D

Acq: 04 Jan 2019 17:16

Tgt Ion: 84 Resp: 2632

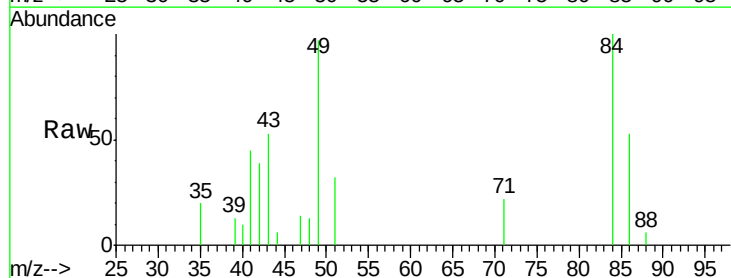
Ion Ratio Lower Upper

84 100

49 96.5 87.7 131.5

51 32.5 27.3 40.9

86 53.2 51.4 77.0

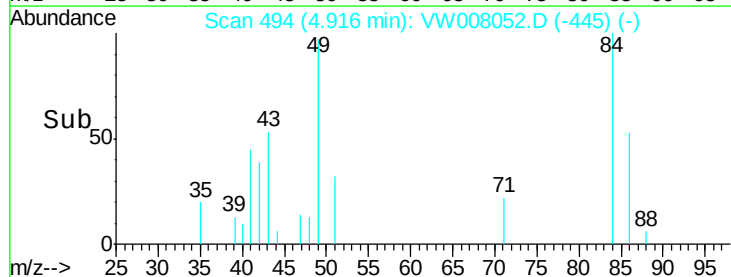
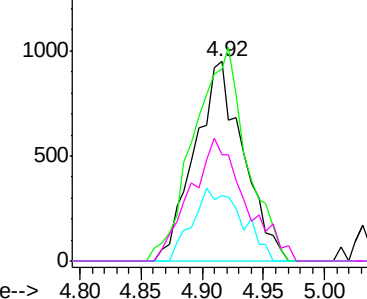


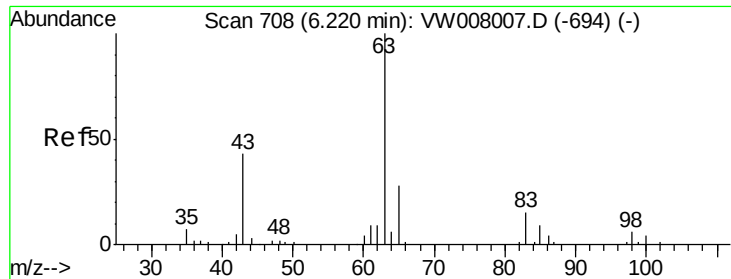
Abundance Ion 83.90 (83.60 to 84.60): VW

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





#24

1,1-Dichloroethane

Concen: 1.363 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW008052.D

Acq: 04 Jan 2019 17:16

Instrument :

MSVOA_W

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CPSB-09(10-15)

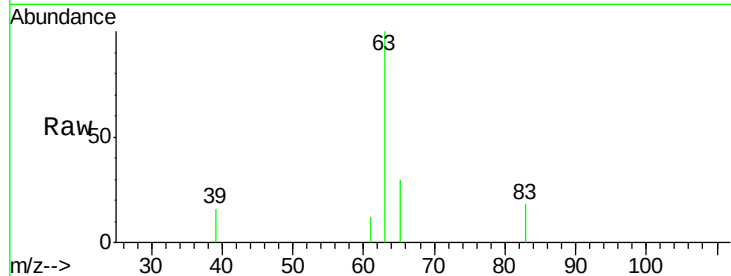
Tot Ion: 63 Resp: 1477

Ion Ratio Lower Upper

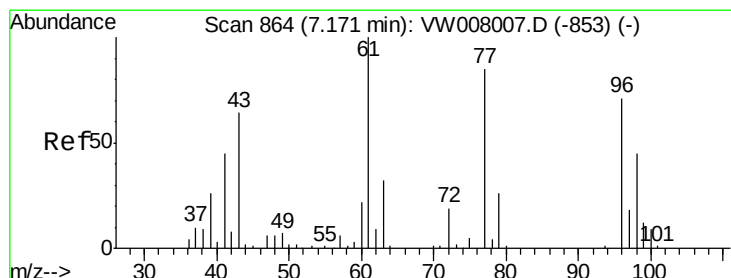
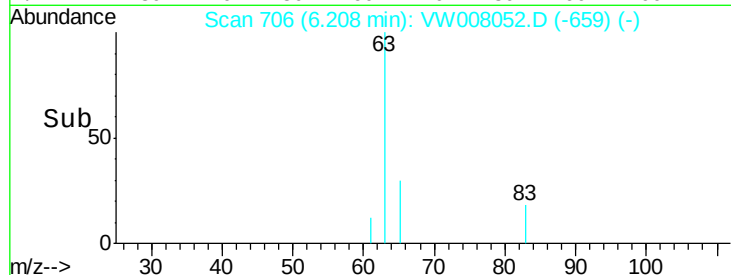
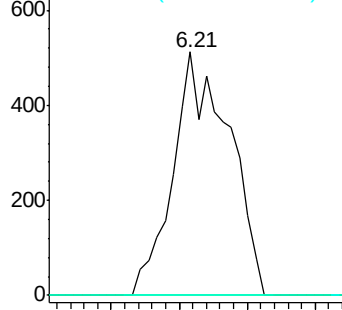
63 100

98 0.0 3.2 9.6#

100 0.0 2.1 6.2#



Abundance Ion 62.90 (62.60 to 63.60): VW
Ion 97.90 (97.60 to 98.60): VW
Ion 99.90 (99.60 to 100.60): VW



#25

2-Butanone

Concen: 7.652 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.02 min

Lab File: VW008052.D

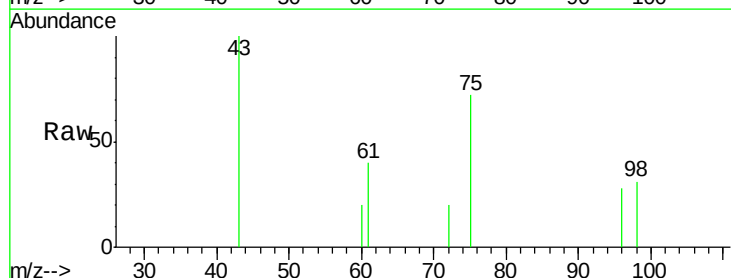
Acq: 04 Jan 2019 17:16

Tgt Ion: 43 Resp: 922

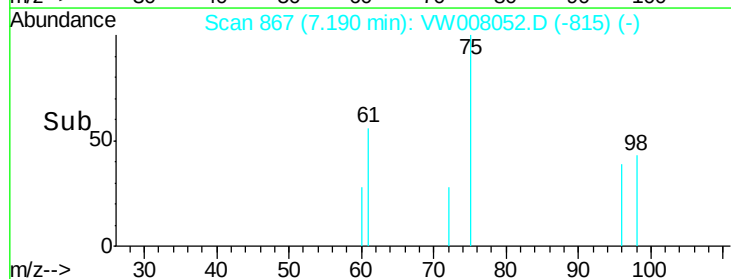
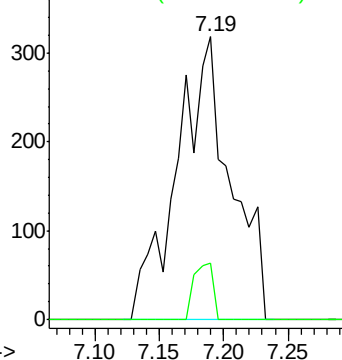
Ion Ratio Lower Upper

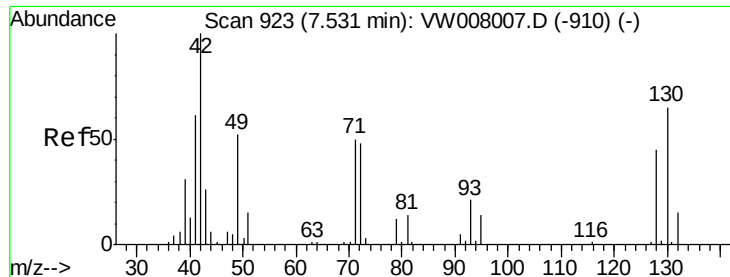
43 100

72 20.1 23.8 35.8#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW

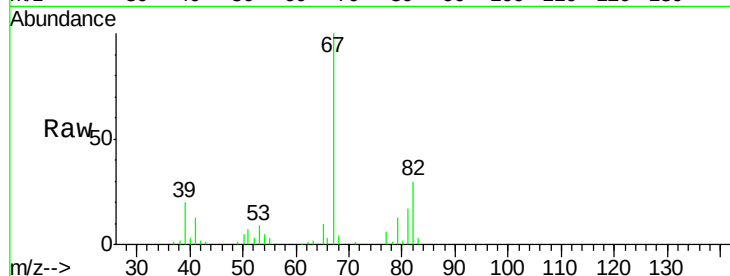




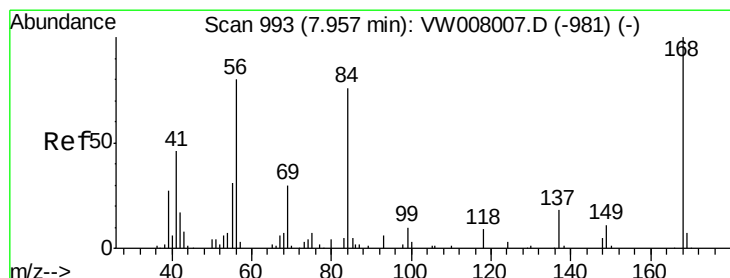
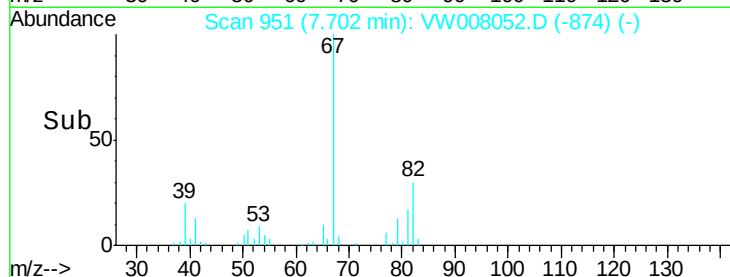
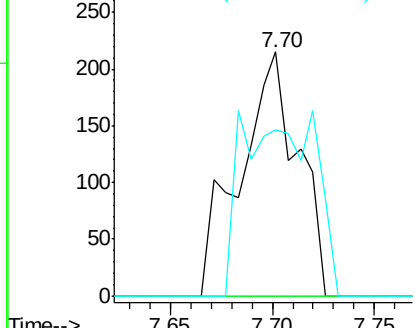
#29
Tetrahydrofuran
Concen: 5.718 ug/l
RT: 7.70 min Scan# 951
Delta R.T. 0.17 min
Lab File: VW008052.D
Acq: 04 Jan 2019 17:16

Instrument :
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ClientSampleId :
CPSB-09(10-15)

Tot Ion: 42 Resp: 428
Ion Ratio Lower Upper
42 100
72 0.0 39.0 58.6#
71 92.3 39.1 58.7#

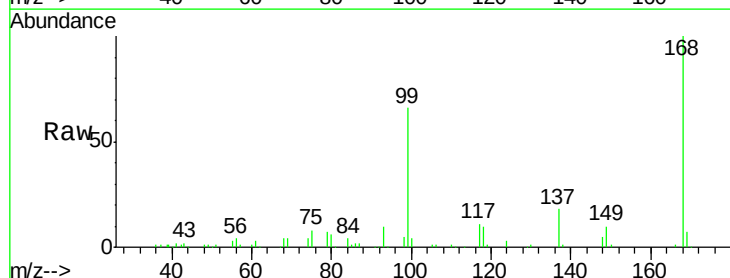


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

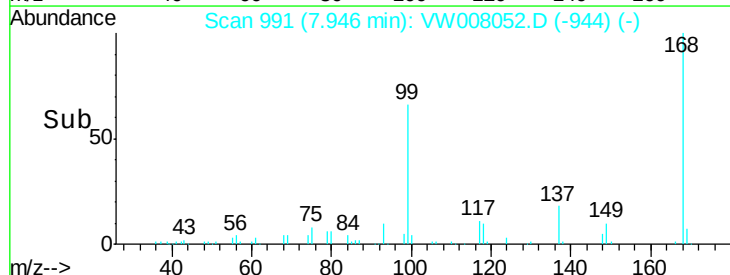
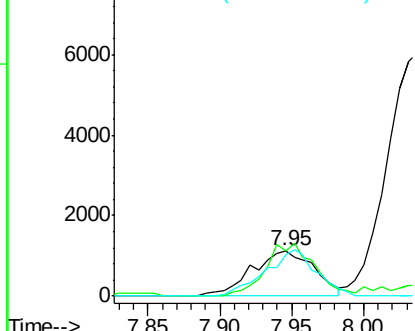


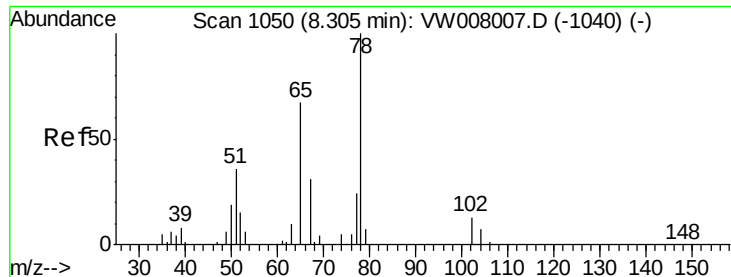
#31
Cyclohexane
Concen: 3.342 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008052.D
Acq: 04 Jan 2019 17:16

Tgt Ion: 56 Resp: 3375
Ion Ratio Lower Upper
56 100
69 101.2 29.8 44.6#
84 90.2 75.2 112.8



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

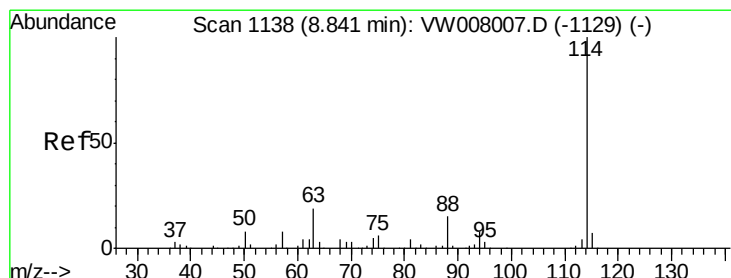
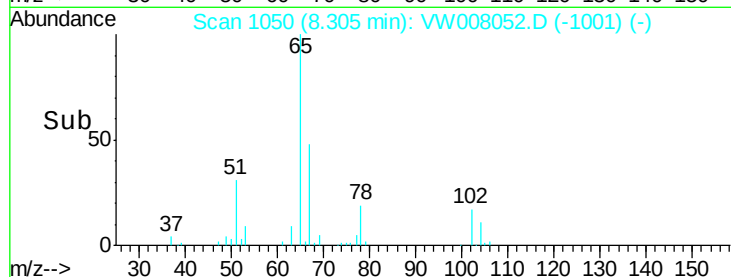
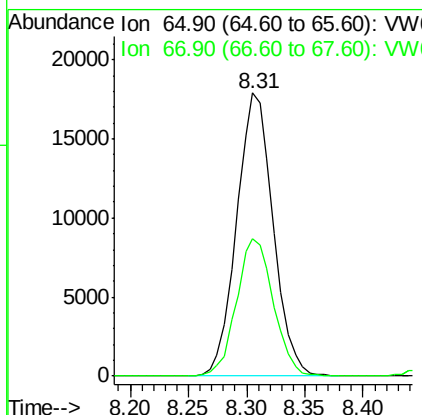
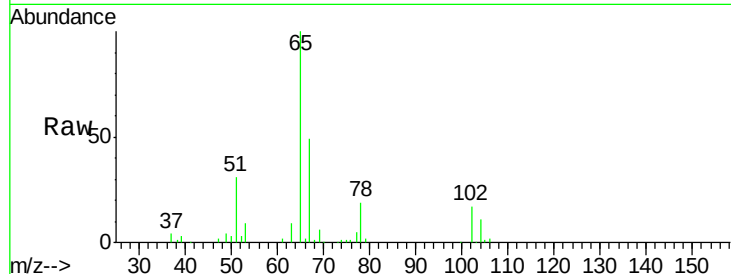




#33
 1,2-Dichloroethane-d4
 Concen: 58.944 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008052.D
 Acq: 04 Jan 2019 17:16

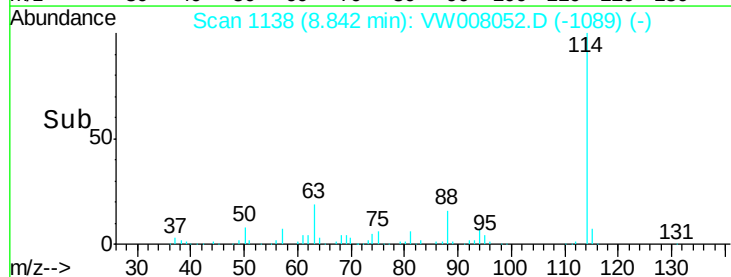
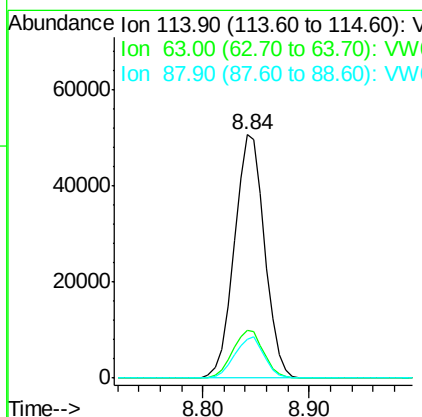
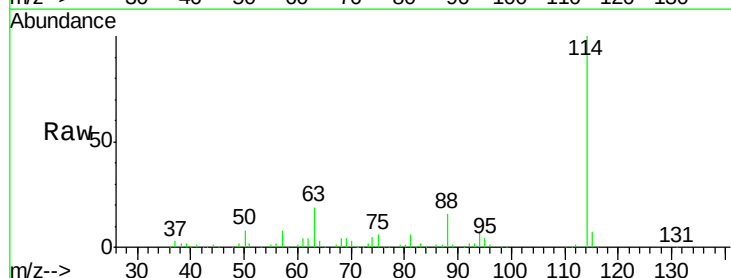
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-09(10-15)

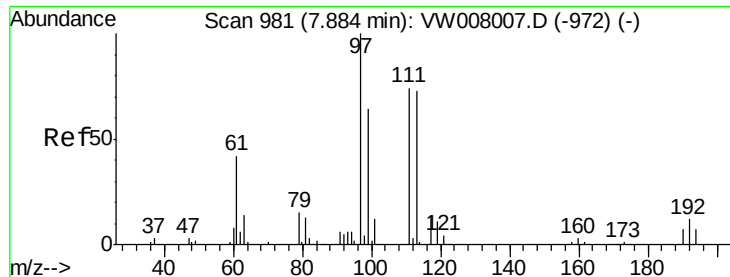
Tot Ion: 65 Resp: 38943
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 94.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008052.D
 Acq: 04 Jan 2019 17:16

Tgt Ion: 114 Resp: 100667
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 37.8
 88 15.7 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.729 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008052.D

Acq: 04 Jan 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

CPSB-09(10-15)

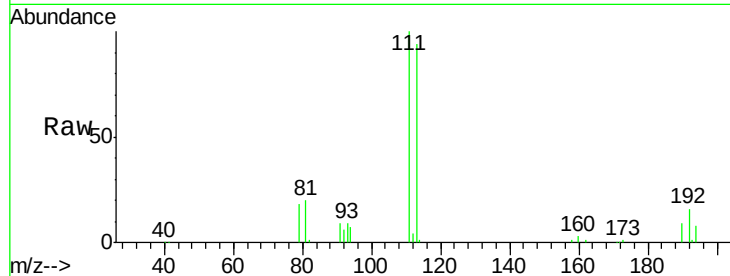
Tot Ion:113 Resp: 32193

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

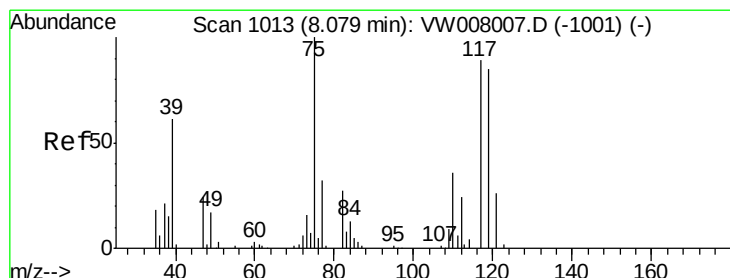
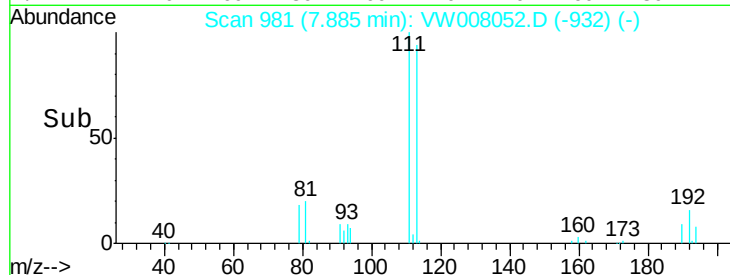
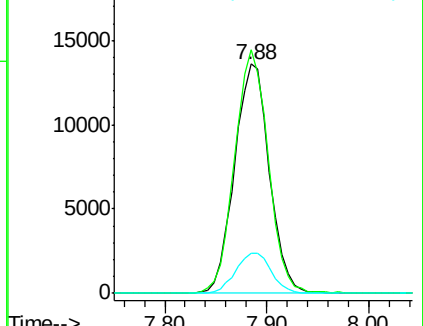
192 18.0 14.8 22.2



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: 4.602 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW008052.D

Acq: 04 Jan 2019 17:16

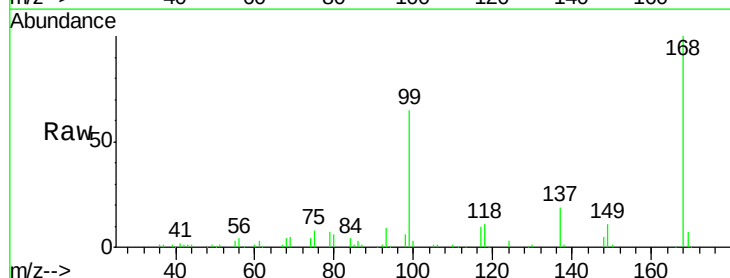
Tgt Ion: 75 Resp: 4570

Ion Ratio Lower Upper

75 100

110 12.6 18.1 54.3#

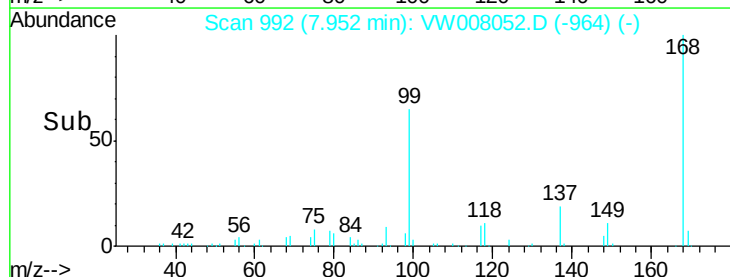
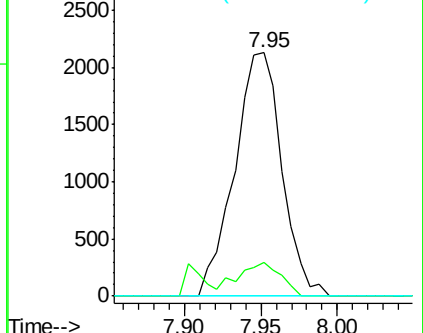
77 0.0 25.3 37.9#

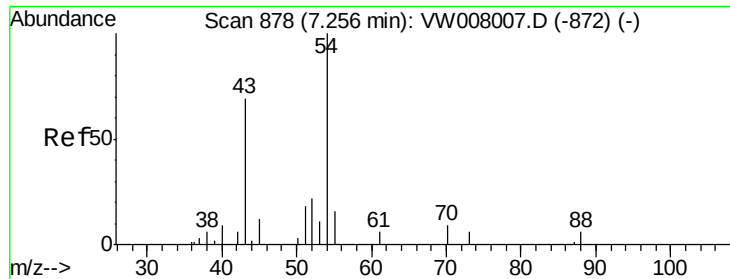


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 3.091 ug/l

RT: 7.19 min Scan# 867

Delta R.T. -0.07 min

Lab File: VW008052.D

Acq: 04 Jan 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

CPSB-09(10-15)

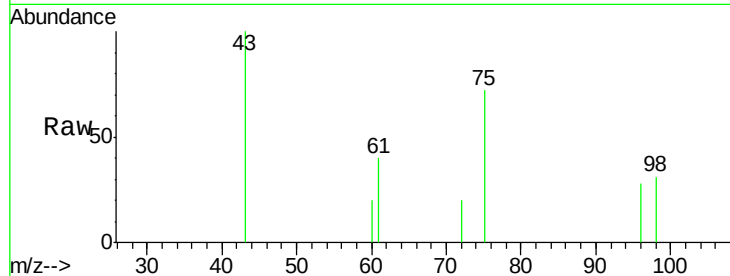
Tot Ion: 43 Resp: 922

Ion Ratio Lower Upper

43 100

61 37.9 11.4 17.2#

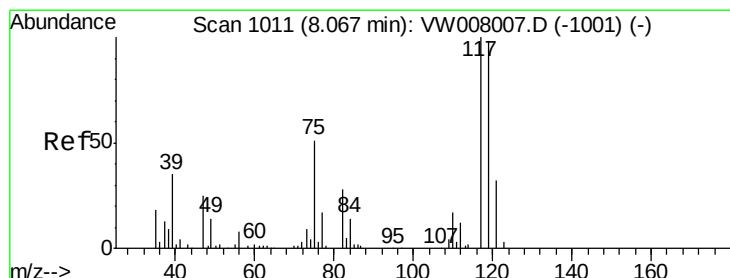
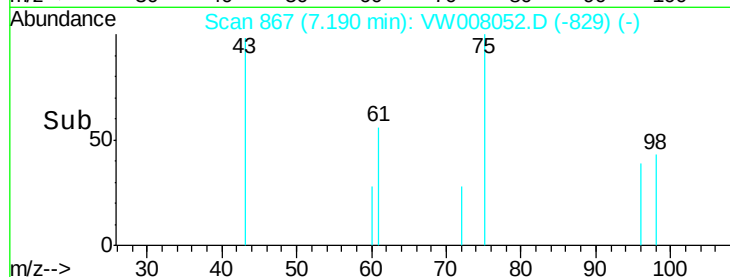
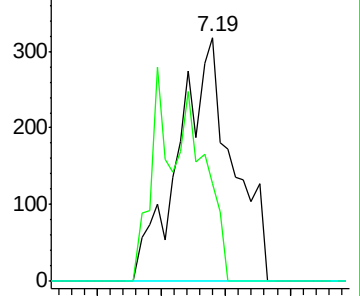
70 0.0 9.4 14.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 5.500 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW008052.D

Acq: 04 Jan 2019 17:16

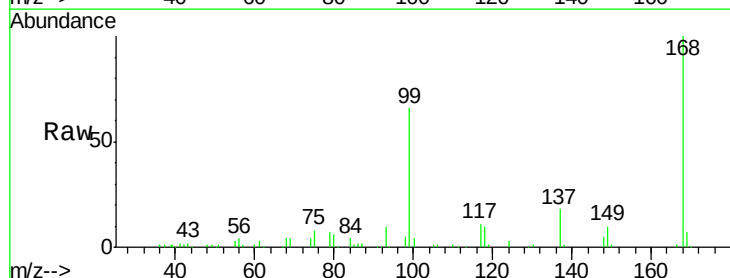
Tgt Ion: 117 Resp: 6546

Ion Ratio Lower Upper

117 100

119 5.8 78.7 118.1#

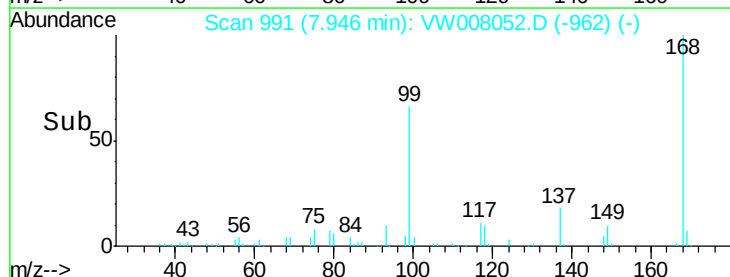
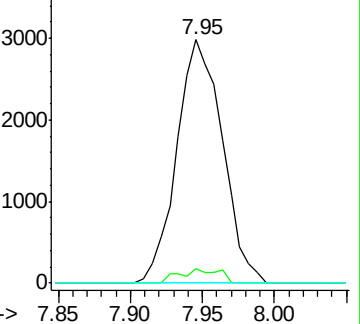
121 0.0 25.8 38.8#

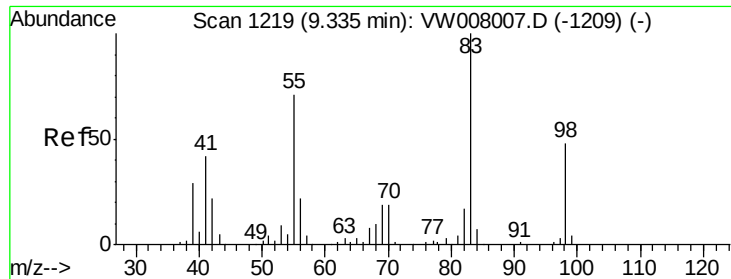


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

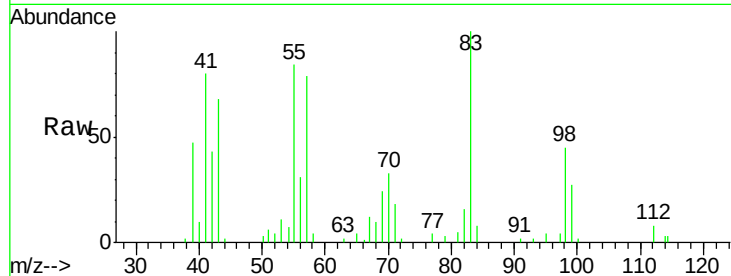




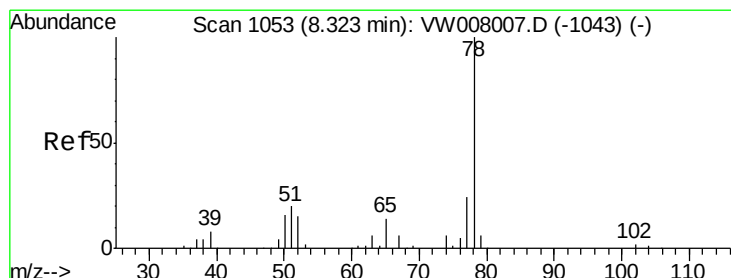
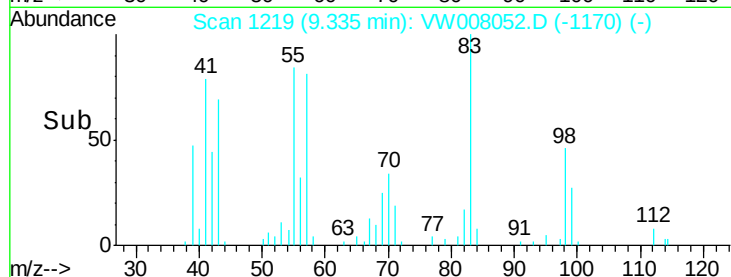
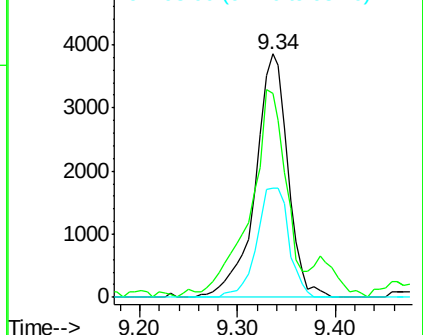
#39
Methylvlcyclohexane
Concen: 7.218 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008052.D
Acq: 04 Jan 2019 17:16

Instrument :
MSVOA_W
ClientSampleId :
CPSB-09(10-15)

Tot Ion: 83 Resp: 8935
Ion Ratio Lower Upper
83 100
55 80.6 56.8 85.2
98 44.9 38.6 58.0

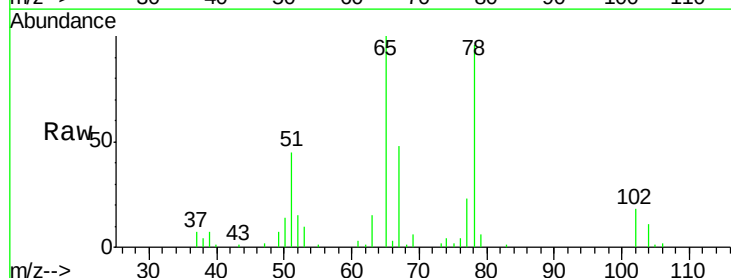


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

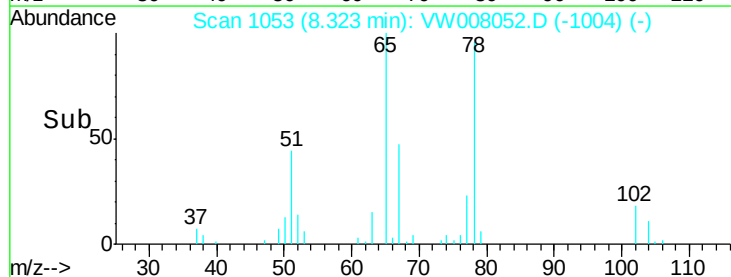
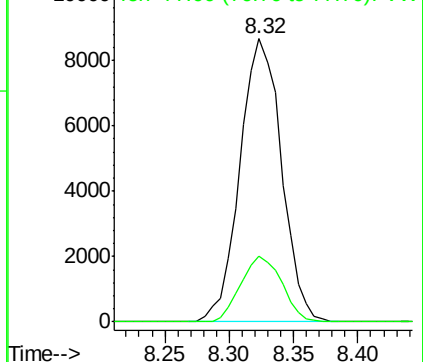


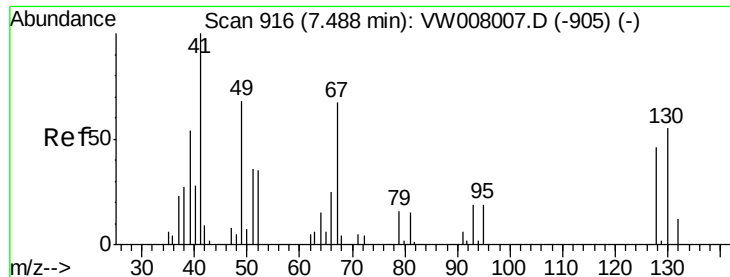
#40
Benzene
Concen: 7.385 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008052.D
Acq: 04 Jan 2019 17:16

Tgt Ion: 78 Resp: 19346
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW

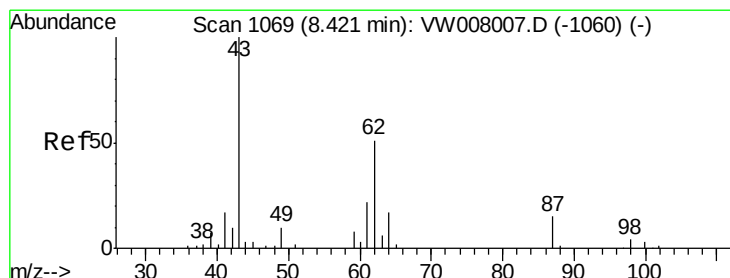
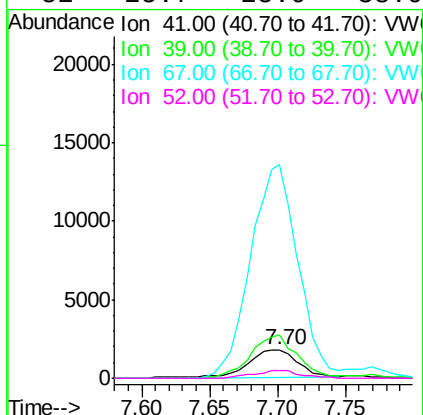
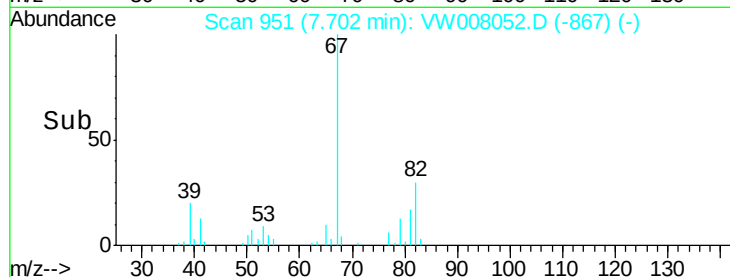
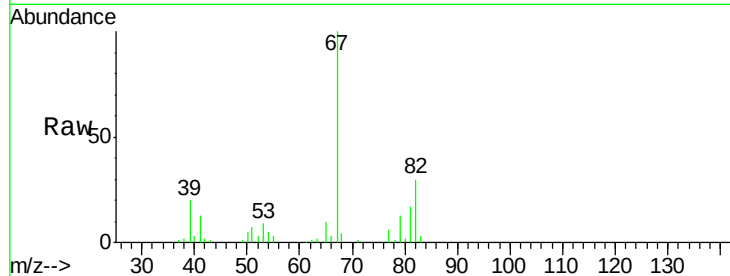




#41
Methacrylonitrile
Concen: 25.869 ug/l
RT: 7.70 min Scan# 951
Delta R.T. 0.21 min
Lab File: VW008052.D
Acq: 04 Jan 2019 17:16

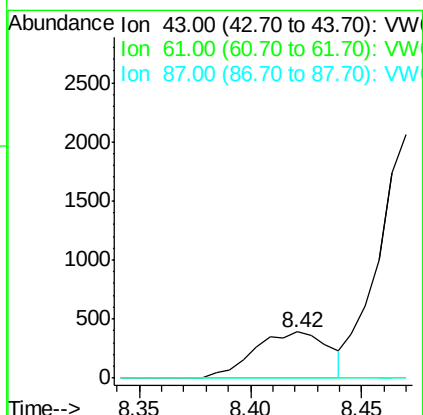
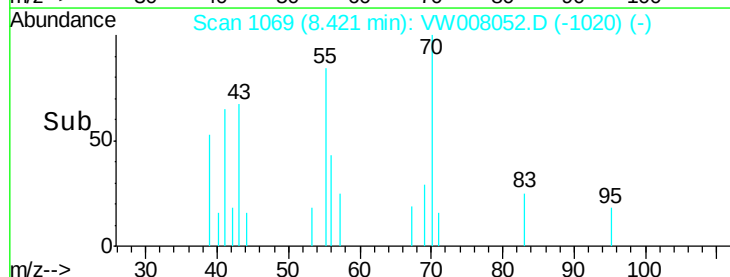
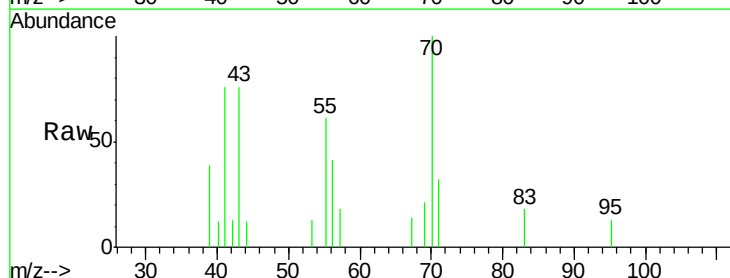
Instrument :
MSVOA_W
ClientSampleId :
CPSB-09(10-15)

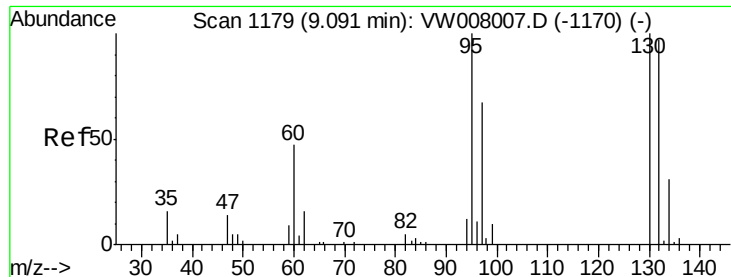
Tot Ion: 41 Resp: 4537
Ion Ratio Lower Upper
41 100
39 146.3 48.6 72.8#
67 738.4 55.6 83.4#
52 25.7 25.9 38.9#



#43
Isopropyl Acetate
Concen: 1.537 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VW008052.D
Acq: 04 Jan 2019 17:16

Tgt Ion: 43 Resp: 916
Ion Ratio Lower Upper
43 100
61 0.0 26.4 39.6#
87 0.0 12.0 18.0#





#44

Trichloroethene

Concen: 5.508 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW008052.D

Acq: 04 Jan 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

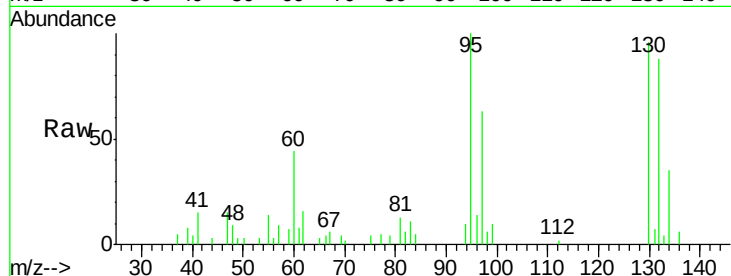
CPSB-09(10-15)

Tot Ion:130 Resp: 4258

Ion Ratio Lower Upper

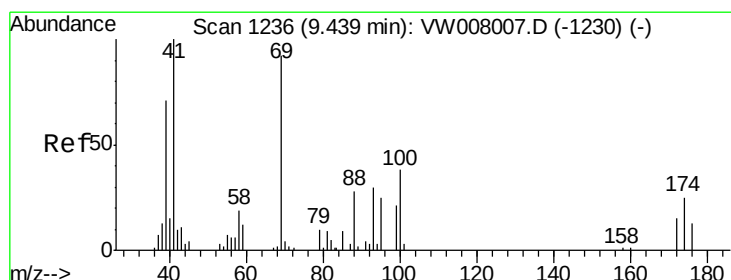
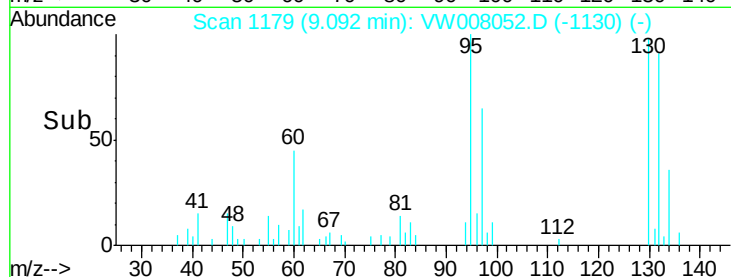
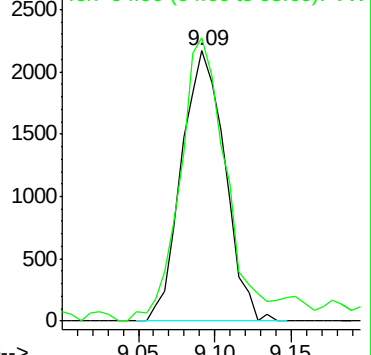
130 100

95 101.1 0.0 200.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW



#48

Methyl methacrylate

Concen: 4.033 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. 0.04 min

Lab File: VW008052.D

Acq: 04 Jan 2019 17:16

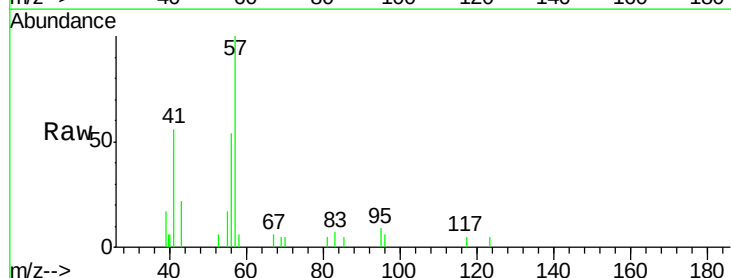
Tgt Ion: 41 Resp: 1212

Ion Ratio Lower Upper

41 100

69 0.0 72.3 108.5#

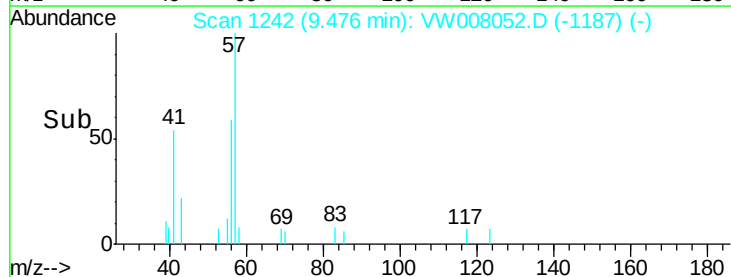
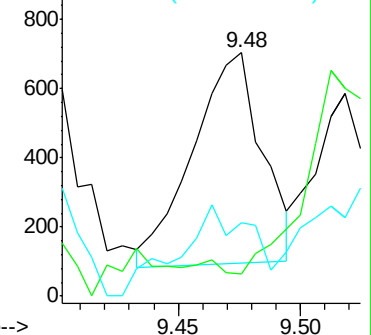
39 45.2 58.7 88.1#

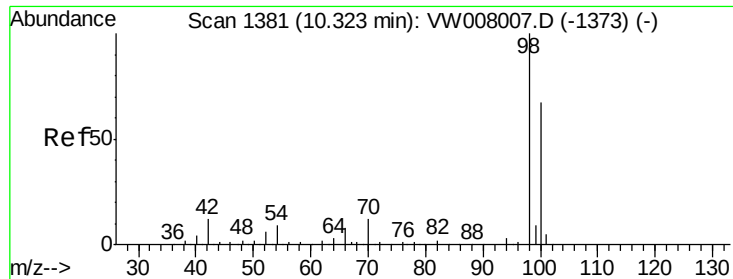


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

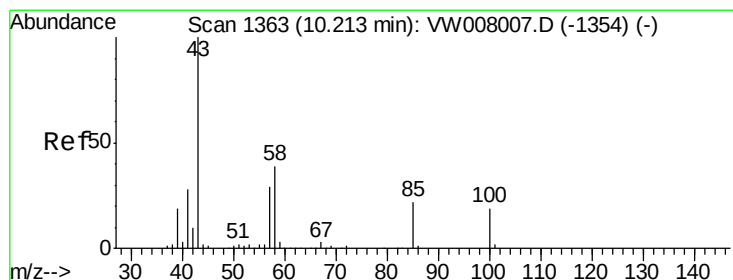
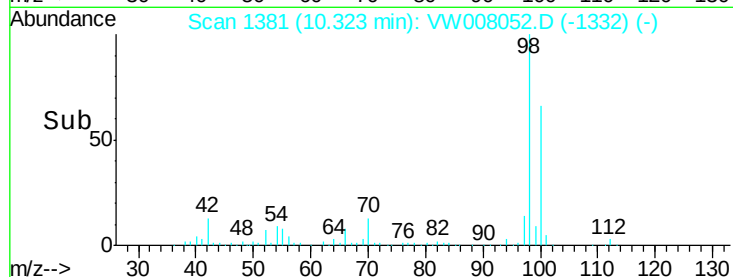
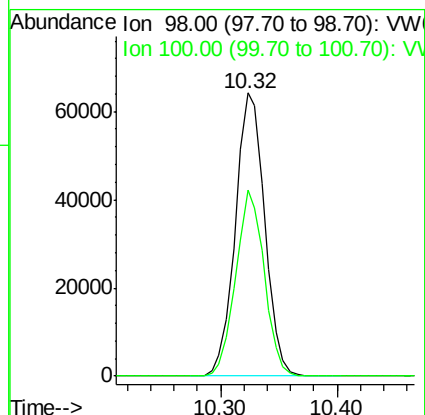
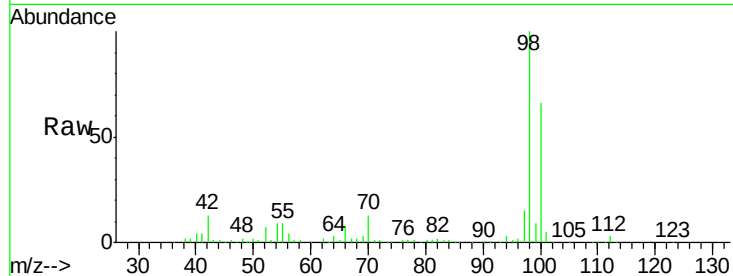




#50
Toluene-d8
Concen: 47.419 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008052.D
Acq: 04 Jan 2019 17:16

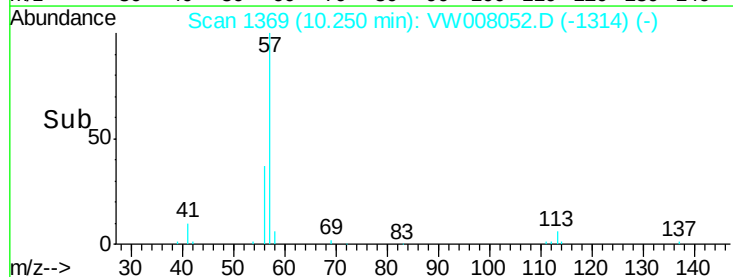
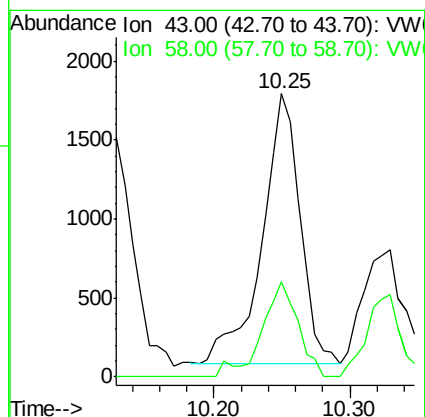
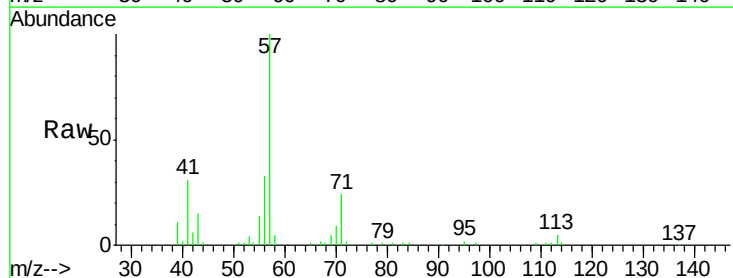
Instrument :
MSVOA_W
ClientSampleId :
CPSB-09(10-15)

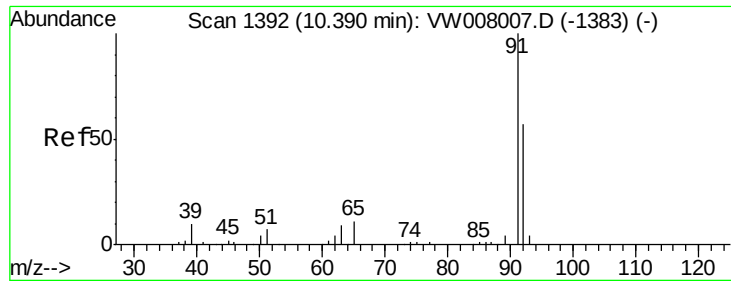
Tot Ion: 98 Resp: 112884
Ion Ratio Lower Upper
98 100
100 63.5 52.9 79.3



#51
4-Methyl-2-Pentanone
Concen: 12.165 ug/l
RT: 10.25 min Scan# 1369
Delta R.T. 0.04 min
Lab File: VW008052.D
Acq: 04 Jan 2019 17:16

Tgt Ion: 43 Resp: 3356
Ion Ratio Lower Upper
43 100
58 33.5 32.0 48.0





#52

Toluene

Concen: 34.285 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW008052.D

Acq: 04 Jan 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

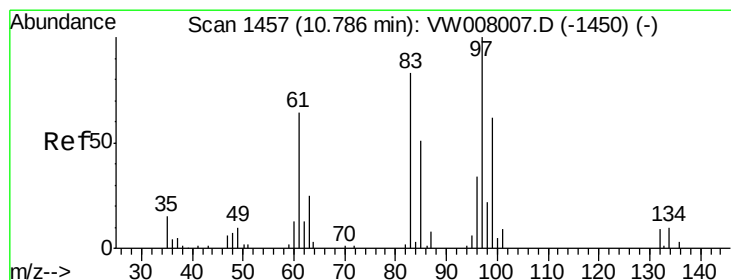
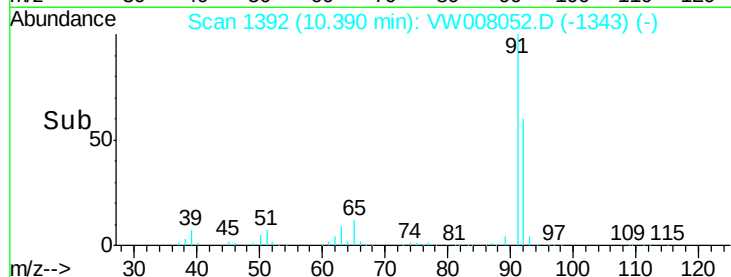
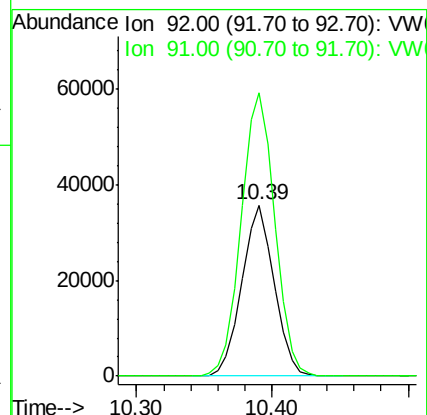
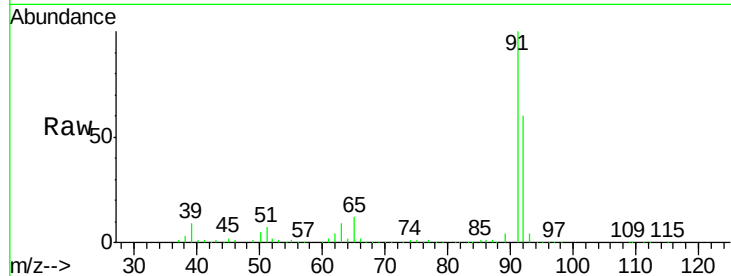
CPSB-09(10-15)

Tot Ion: 92 Resp: 59295

Ion Ratio Lower Upper

92 100

91 171.1 136.9 205.3



#55

1,1,2-Trichloroethane

Concen: 15.559 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.02 min

Lab File: VW008052.D

Acq: 04 Jan 2019 17:16

Tgt Ion: 97 Resp: 6984

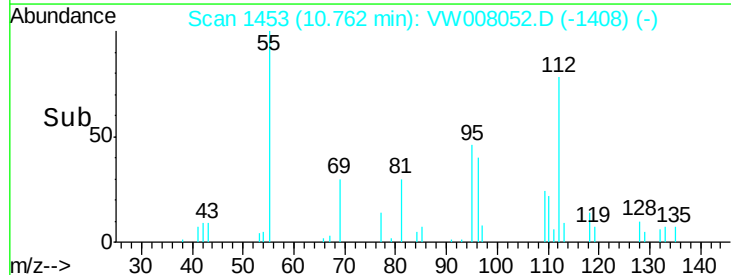
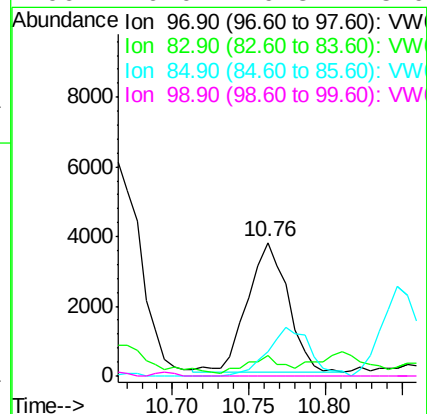
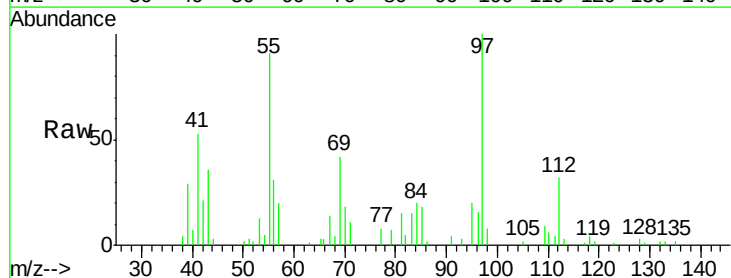
Ion Ratio Lower Upper

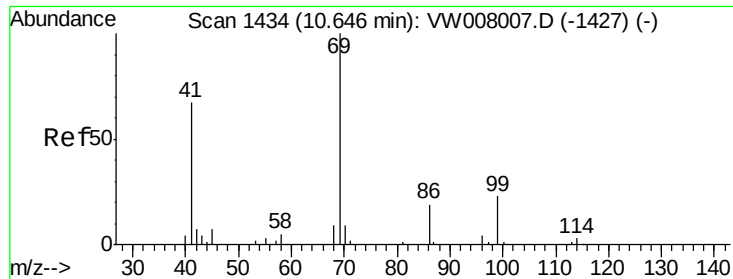
97 100

83 8.9 66.2 99.2#

85 19.0 41.0 61.4#

99 0.0 49.3 73.9#





#56

Ethyl methacrylate

Concen: 5.983 ug/l

RT: 10.66 min Scan# 1436

Delta R.T. 0.01 min

Lab File: VW008052.D

Acq: 04 Jan 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

CPSB-09(10-15)

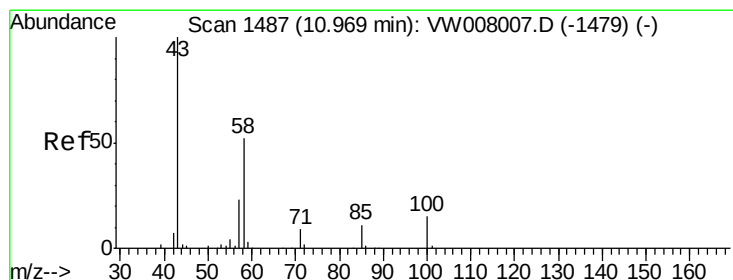
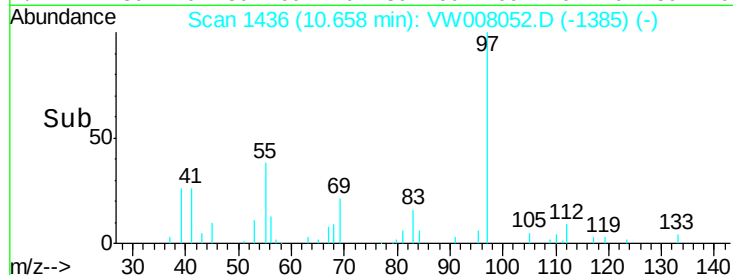
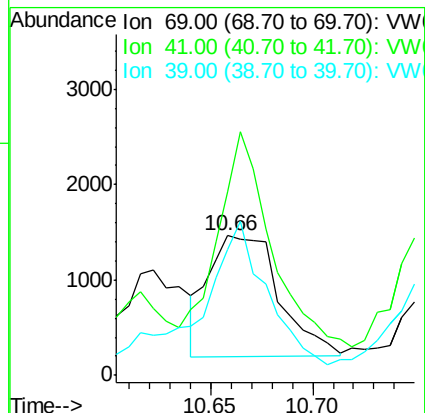
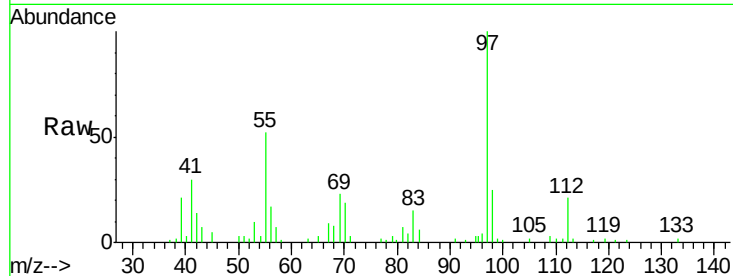
Tot Ion: 69 Resp: 3036

Ion Ratio Lower Upper

69 100

41 134.9 52.6 79.0#

39 111.5 35.8 53.6#



#59

2-Hexanone

Concen: 89.684 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.03 min

Lab File: VW008052.D

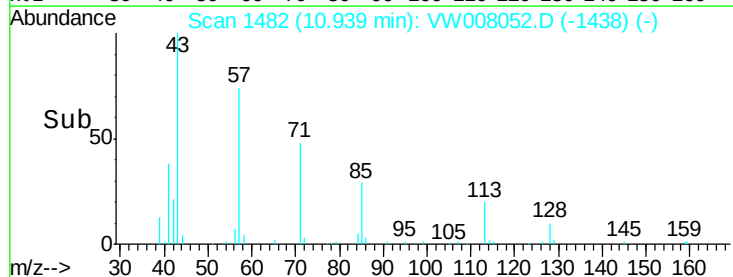
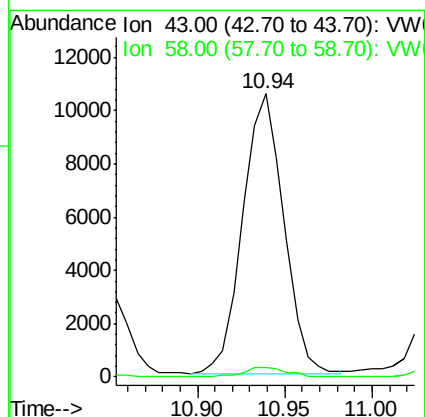
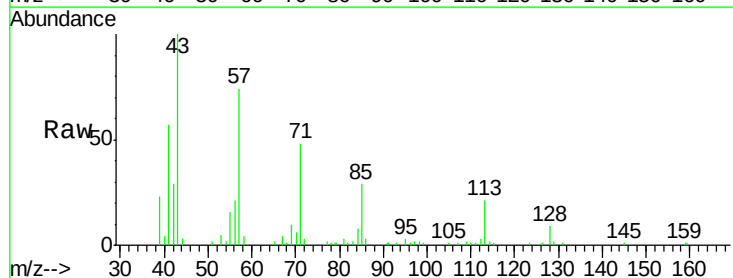
Acq: 04 Jan 2019 17:16

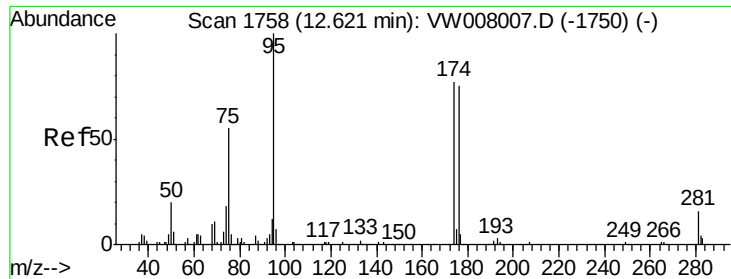
Tgt Ion: 43 Resp: 17081

Ion Ratio Lower Upper

43 100

58 3.6 27.1 81.2#

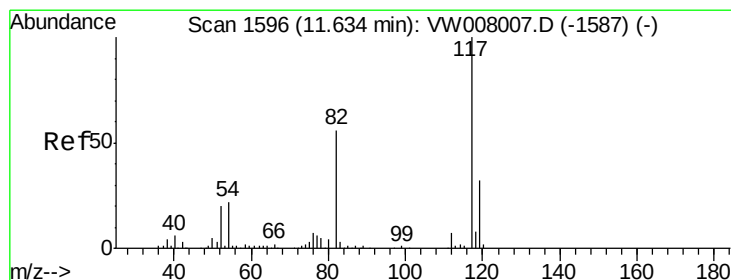
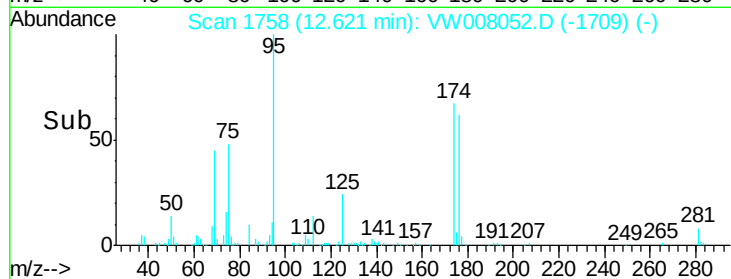
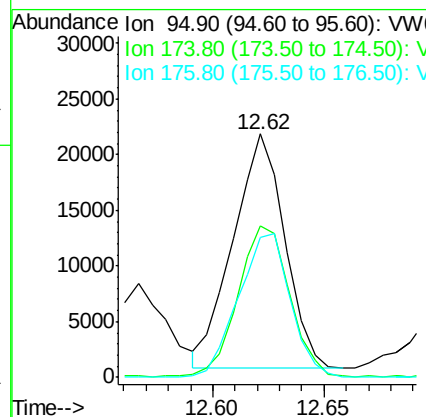
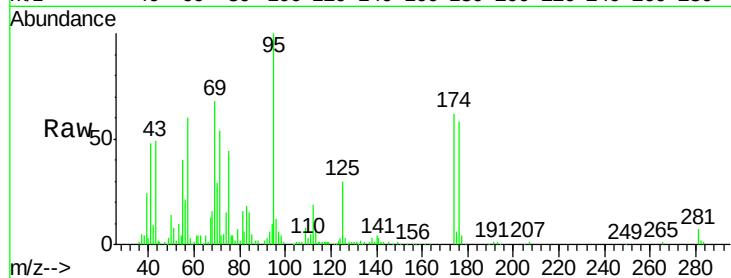




#62
4-Bromofluorobenzene
Concen: 37.172 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008052.D
Acq: 04 Jan 2019 17:16

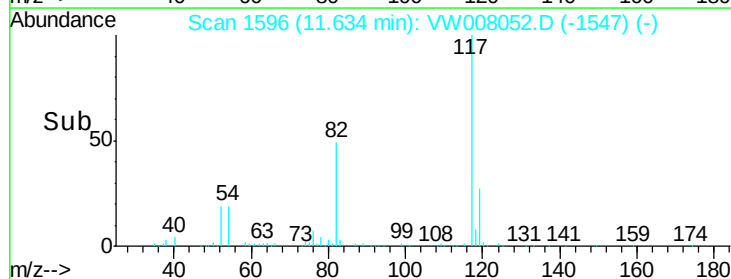
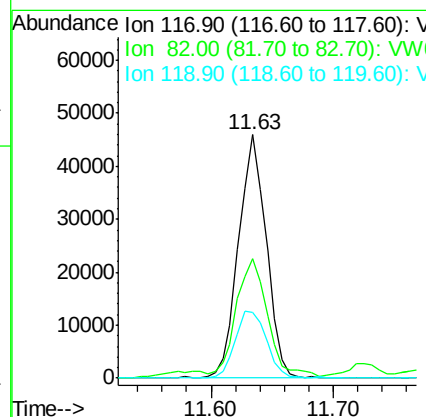
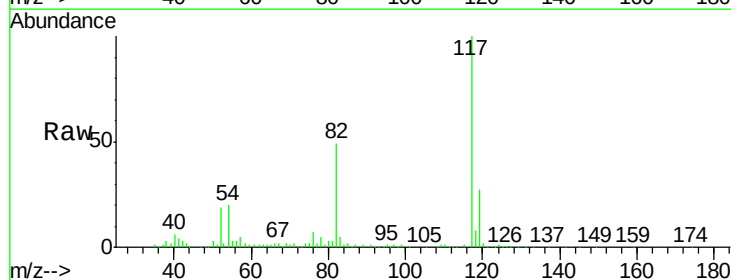
Instrument :
MSVOA_W
ClientSampled :
CPSB-09(10-15)

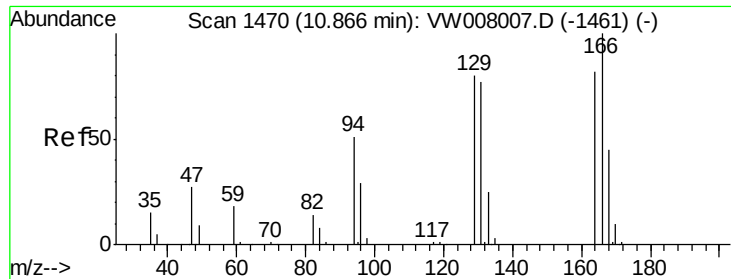
Tot Ion: 95 Resp: 33937
Ion Ratio Lower Upper
95 100
174 65.3 0.0 149.6
176 61.9 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008052.D
Acq: 04 Jan 2019 17:16

Tgt Ion: 117 Resp: 71870
Ion Ratio Lower Upper
117 100
82 46.8 44.8 67.2
119 26.6 25.6 38.4





#64

Tetrachloroethene

Concen: 6.607 ug/l

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW008052.D

Acq: 04 Jan 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

CPSB-09(10-15)

Tot Ion:164 Resp: 3280

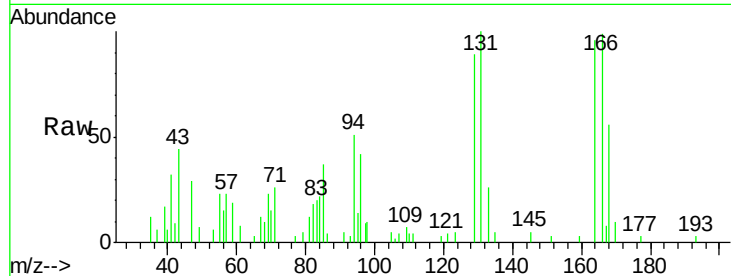
Ion Ratio Lower Upper

164 100

166 103.3 98.1 147.1

129 89.6 78.0 117.0

131 104.1 75.8 113.8

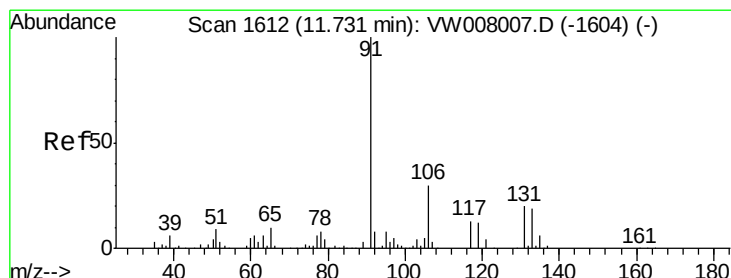
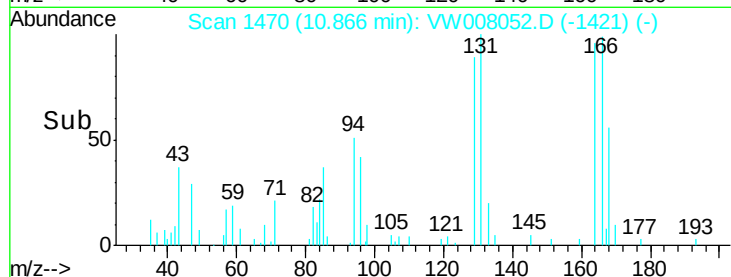
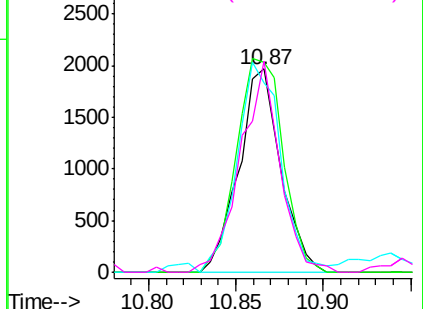


Abundance Ion 163.80 (163.50 to 164.50): V

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



#67

Ethyl Benzene

Concen: 80.633 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008052.D

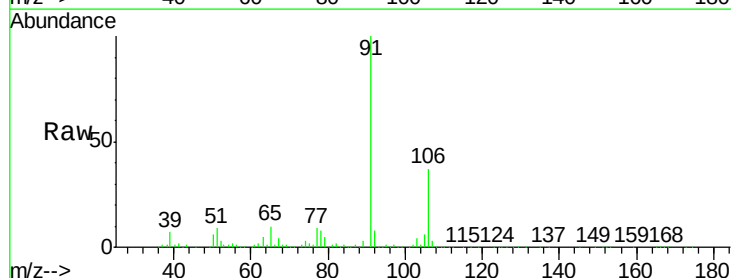
Acq: 04 Jan 2019 17:16

Tgt Ion: 91 Resp: 219837

Ion Ratio Lower Upper

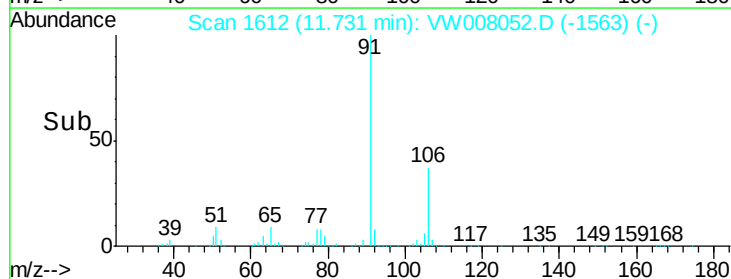
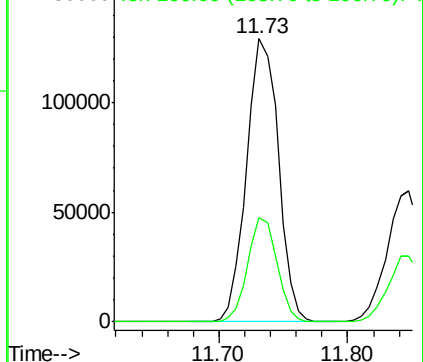
91 100

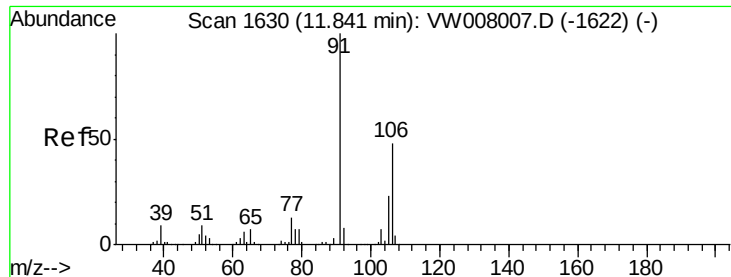
106 37.1 24.3 36.5#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 51.795 ug/l

RT: 11.85 min Scan# 1631

Delta R.T. 0.01 min

Lab File: VW008052.D

Acq: 04 Jan 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

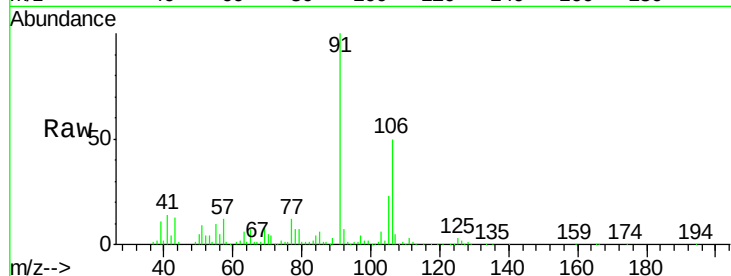
CPSB-09(10-15)

Tot Ion:106 Resp: 54594

Ion Ratio Lower Upper

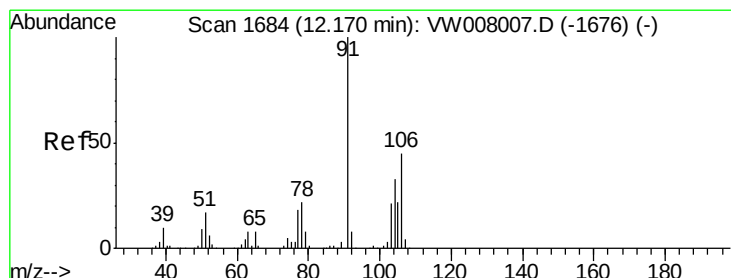
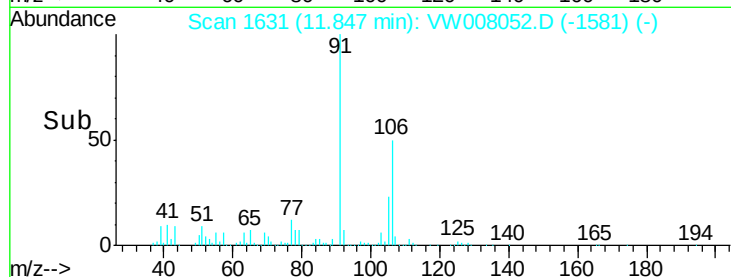
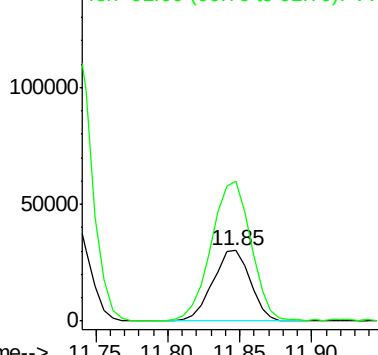
106 100

91 207.1 165.8 248.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#69

o-Xylene

Concen: 73.635 ug/l

RT: 12.17 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VW008052.D

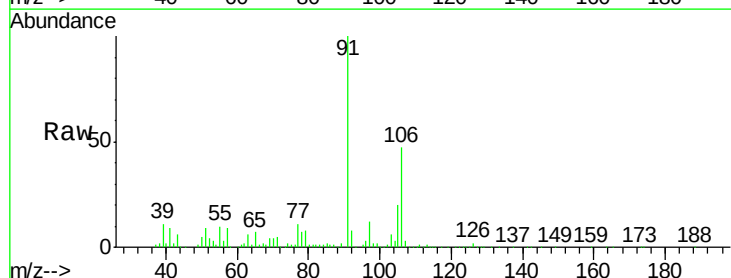
Acq: 04 Jan 2019 17:16

Tgt Ion:106 Resp: 72220

Ion Ratio Lower Upper

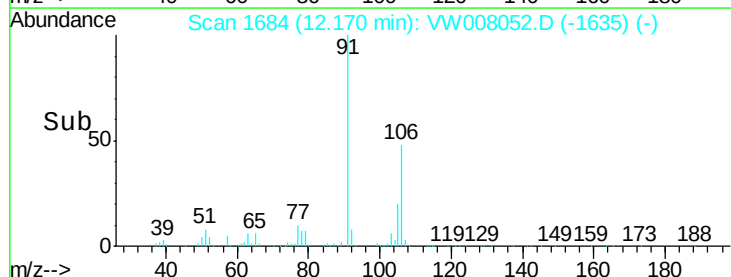
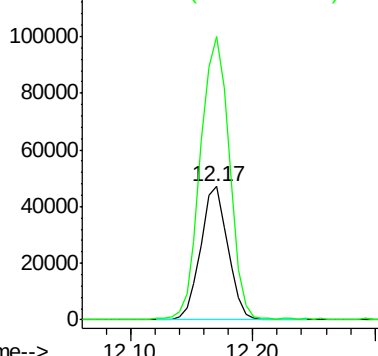
106 100

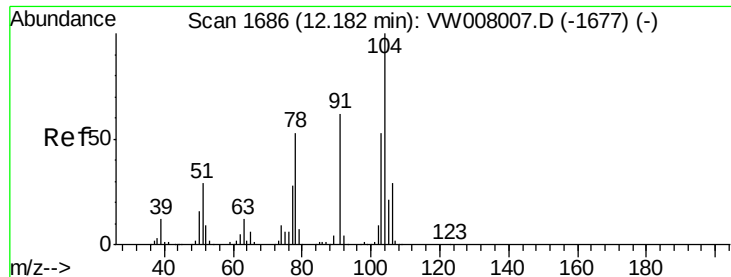
91 224.6 110.6 331.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#70

Stvrene

Concen: 4.383 ug/l

RT: 12.18 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VW008052.D

Acq: 04 Jan 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

CPSB-09(10-15)

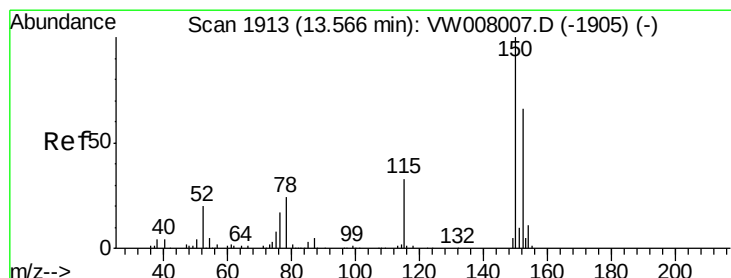
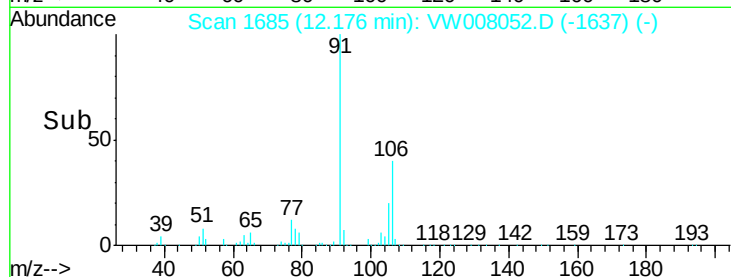
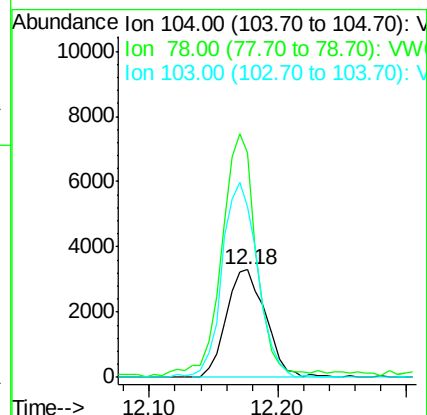
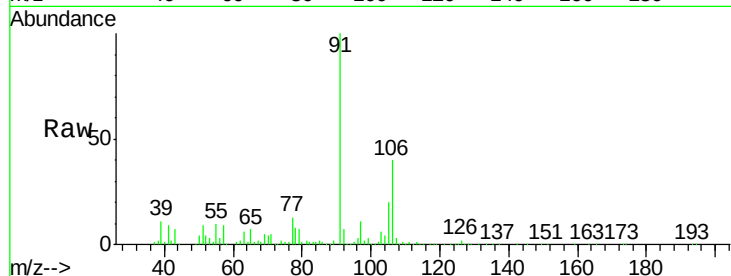
Tot Ion:104 Resp: 7006

Ion Ratio Lower Upper

104 100

78 203.7 44.0 66.0#

103 165.1 44.6 66.8#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW008052.D

Acq: 04 Jan 2019 17:16

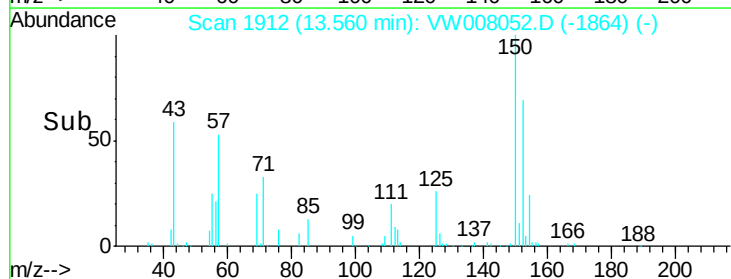
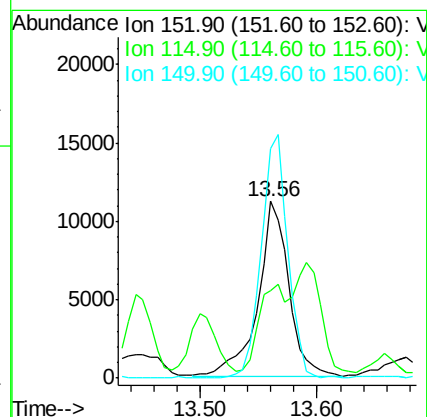
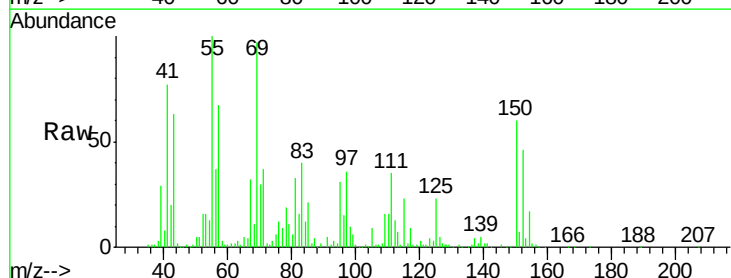
Tgt Ion:152 Resp: 20595

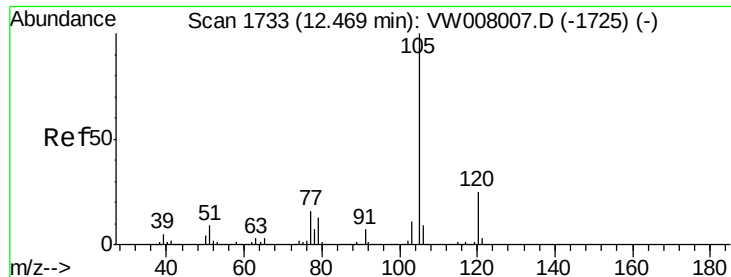
Ion Ratio Lower Upper

152 100

115 41.4 32.1 96.5

150 119.6 0.0 345.0





#73

Isopropylbenzene

Concen: 29.433 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW008052.D

Acq: 04 Jan 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

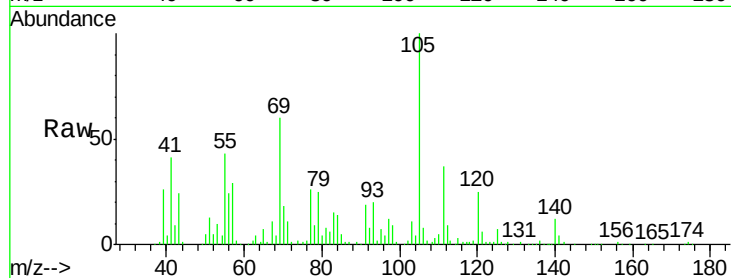
CPSB-09(10-15)

Tot Ion:105 Resp: 48202

Ion Ratio Lower Upper

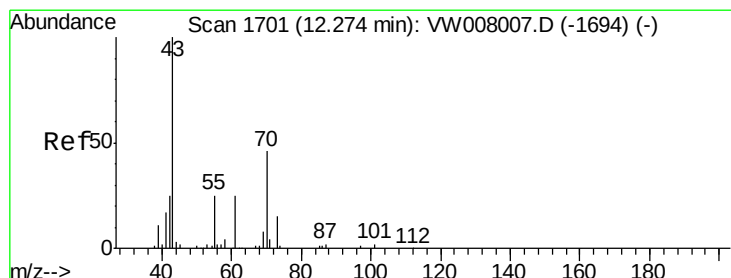
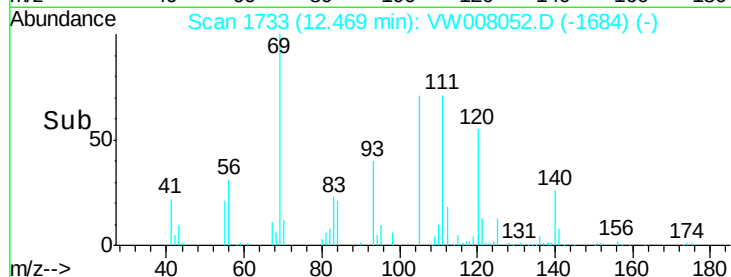
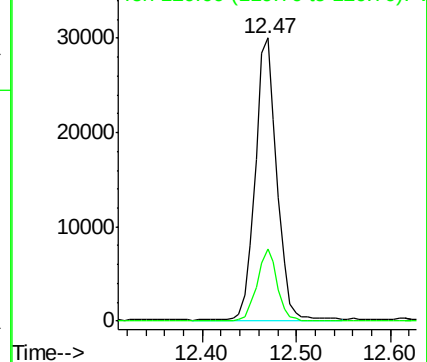
105 100

120 24.0 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: 302.650 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW008052.D

Acq: 04 Jan 2019 17:16

Tgt Ion: 43 Resp: 77152

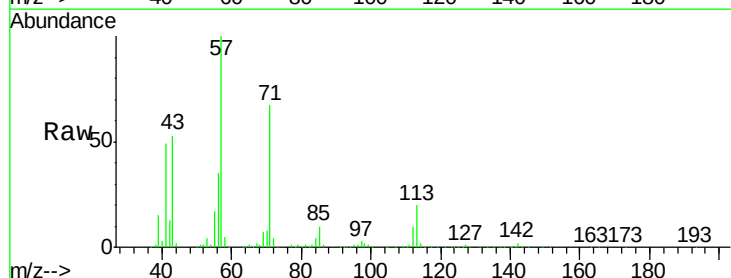
Ion Ratio Lower Upper

43 100

70 19.2 35.2 52.8#

55 22.4 21.4 32.0

61 0.0 19.4 29.0#

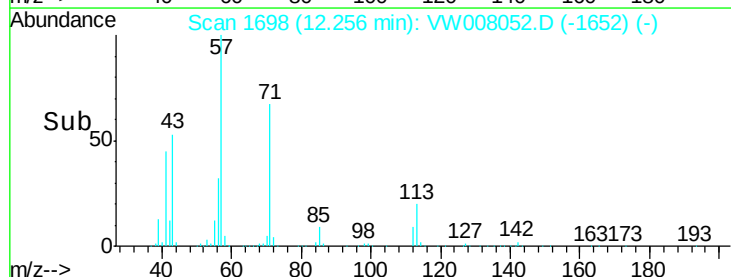
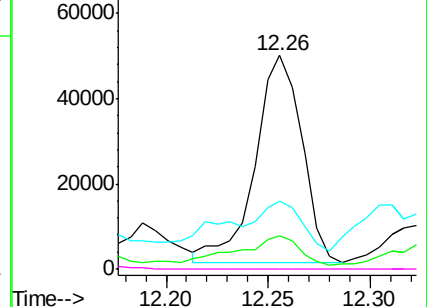


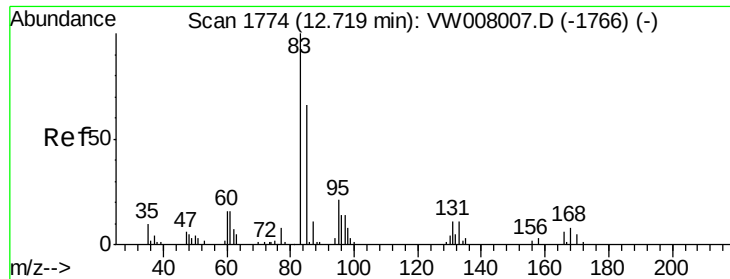
Abundance Ion 43.00 (42.70 to 43.70): VW

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: 37.582 ug/l

RT: 12.69 min Scan# 1770

Delta R.T. -0.02 min

Lab File: VW008052.D

Acq: 04 Jan 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

CPSB-09(10-15)

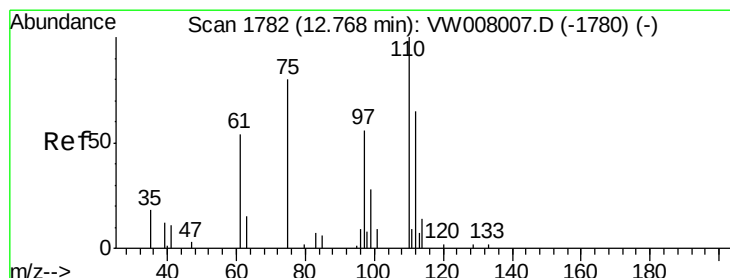
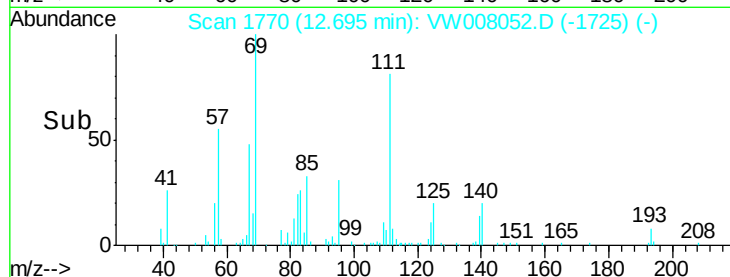
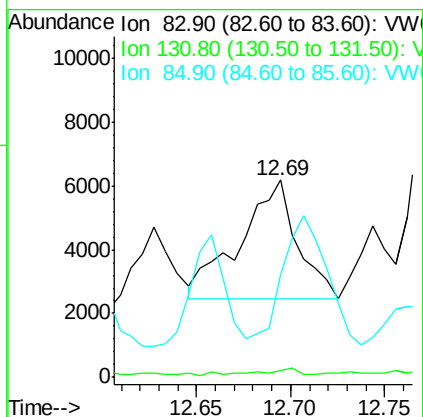
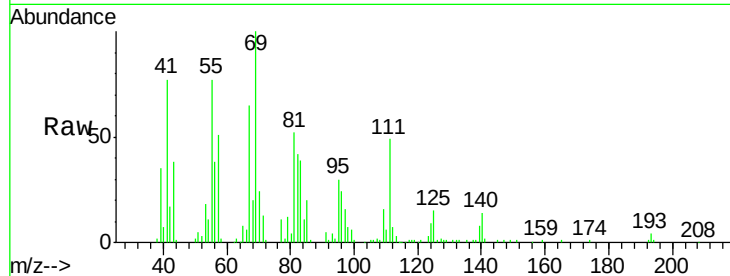
Tot Ion: 83 Resp: 7831

Ion Ratio Lower Upper

83 100

131 4.4 6.5 19.5#

85 82.4 32.8 98.3



#76

1,2,3-Trichloropropane

Concen: 7.208 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.04 min

Lab File: VW008052.D

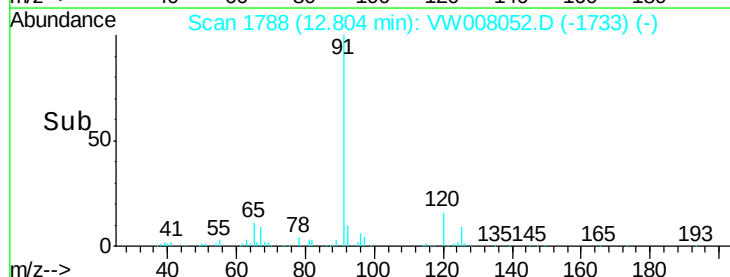
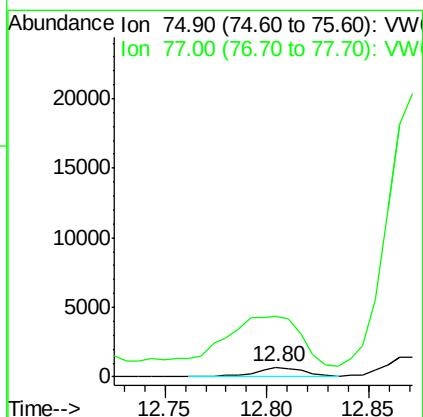
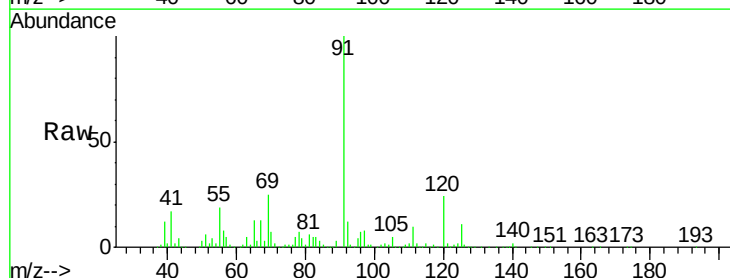
Acq: 04 Jan 2019 17:16

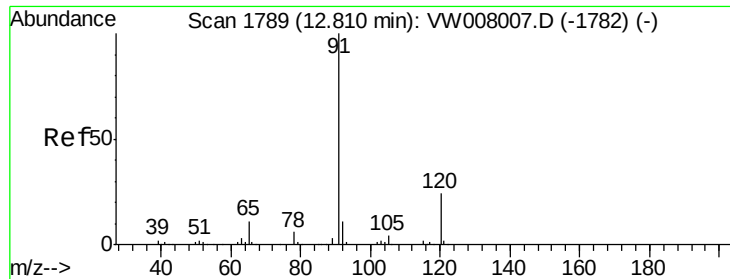
Tgt Ion: 75 Resp: 1181

Ion Ratio Lower Upper

75 100

77 764.4 186.2 558.6#





#78

n-propylbenzene

Concen: 67.989 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW008052.D

Acq: 04 Jan 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

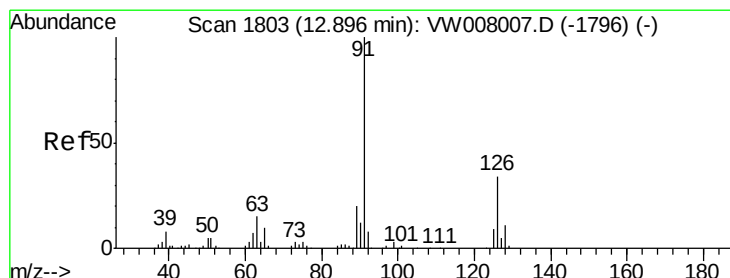
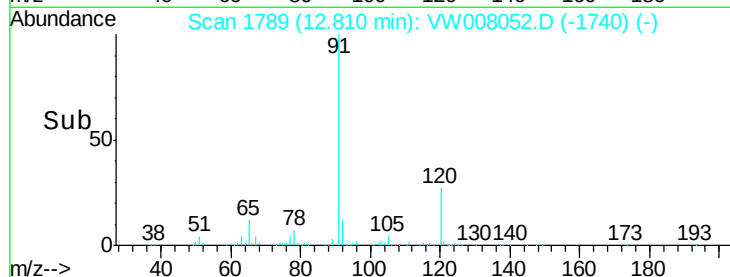
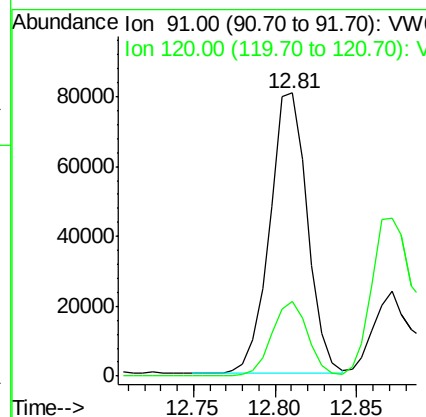
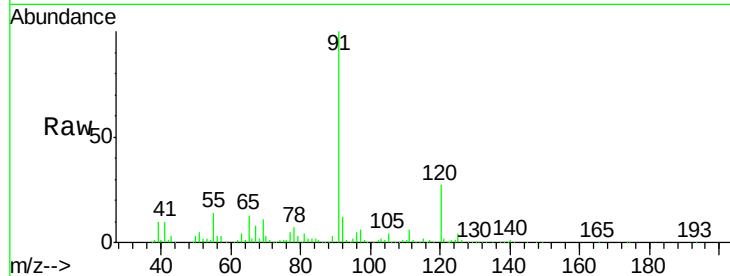
CPSB-09(10-15)

Tot Ion: 91 Resp: 129094

Ion Ratio Lower Upper

91 100

120 25.6 11.5 34.5



#79

2-Chlorotoluene

Concen: 31.631 ug/l

RT: 12.87 min Scan# 1799

Delta R.T. -0.02 min

Lab File: VW008052.D

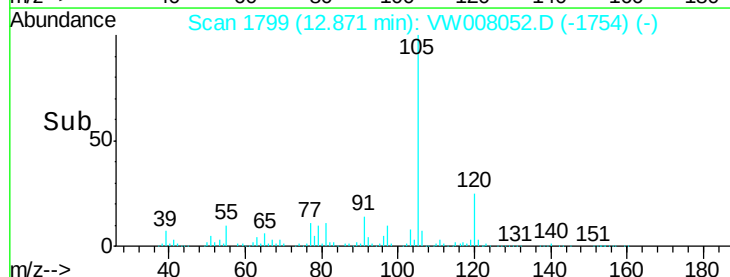
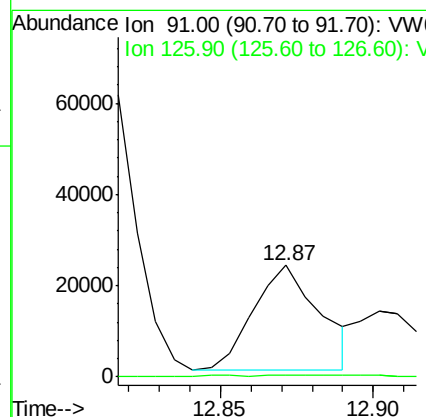
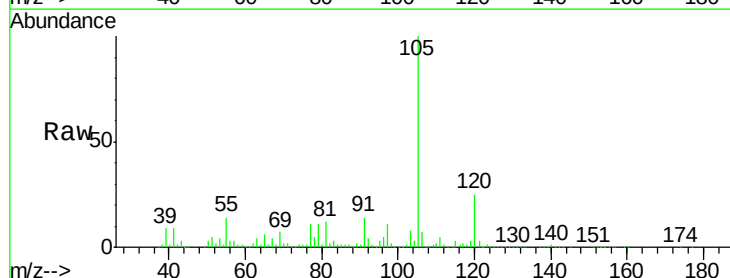
Acq: 04 Jan 2019 17:16

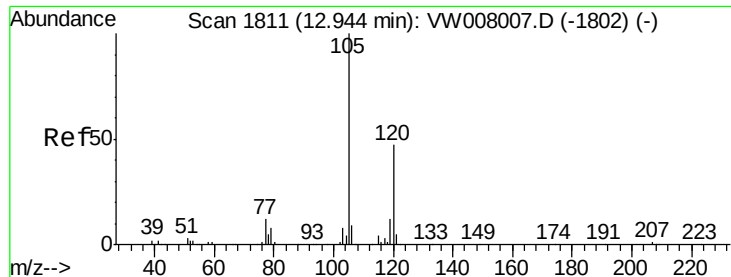
Tgt Ion: 91 Resp: 34712

Ion Ratio Lower Upper

91 100

126 4.5 17.1 51.2#

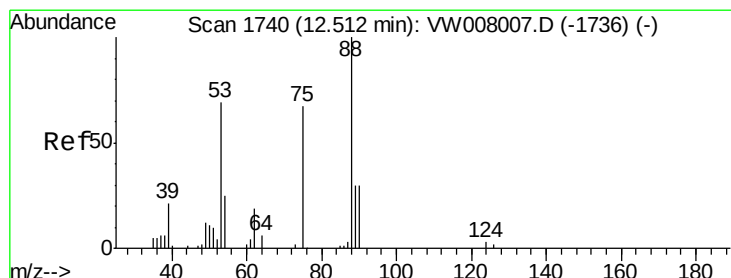
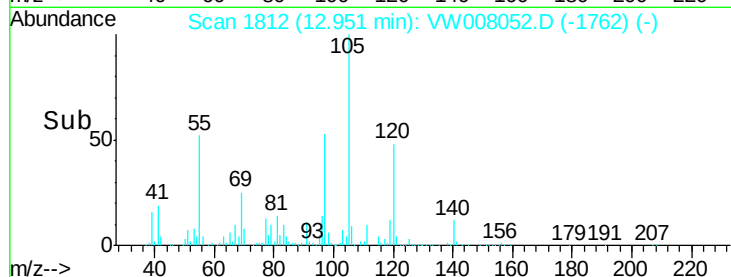
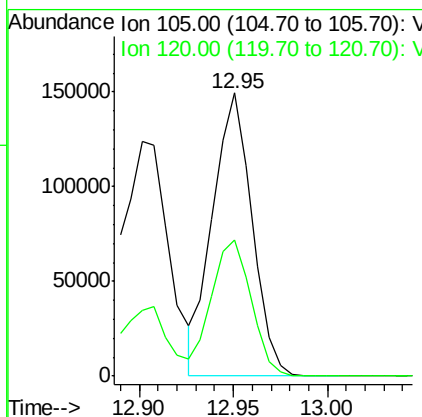
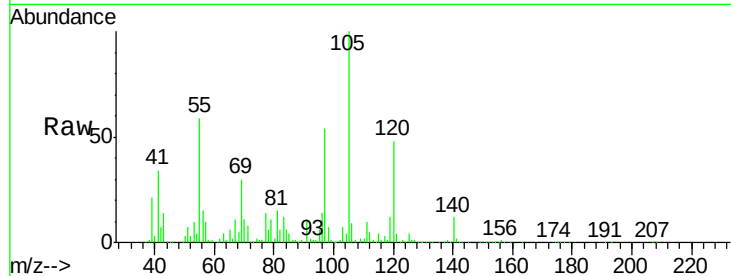




#80
 1,3,5-Trimethylbenzene
 Concen: 153.518 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: VW008052.D
 Acq: 04 Jan 2019 17:16

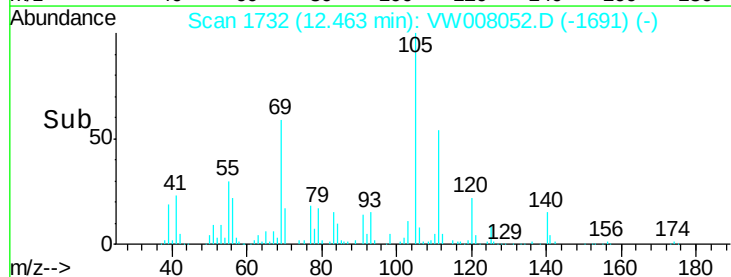
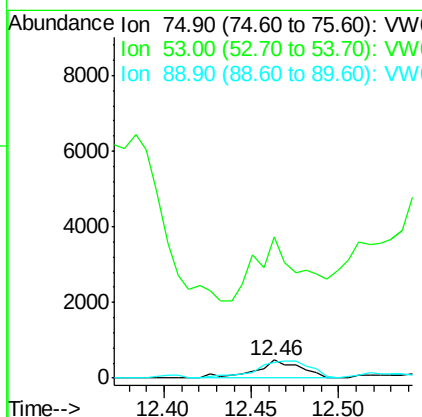
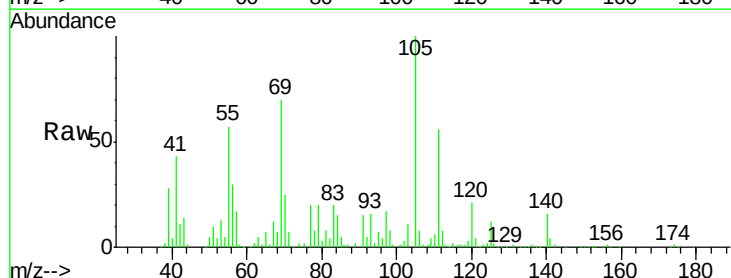
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-09(10-15)

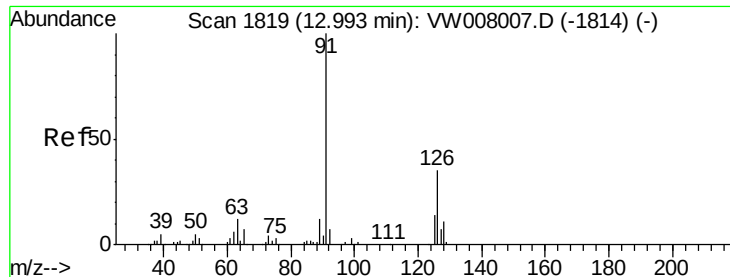
Tot Ion:105 Resp: 216408
 Ion Ratio Lower Upper
 105 100
 120 48.8 23.3 69.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 12.225 ug/l
 RT: 12.46 min Scan# 1732
 Delta R.T. -0.05 min
 Lab File: VW008052.D
 Acq: 04 Jan 2019 17:16

Tgt Ion: 75 Resp: 847
 Ion Ratio Lower Upper
 75 100
 53 349.6 87.6 131.4#
 89 117.8 42.2 63.2#





#82

4-Chlorotoluene

Concen: 20.318 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.04 min

Lab File: VW008052.D

Acq: 04 Jan 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

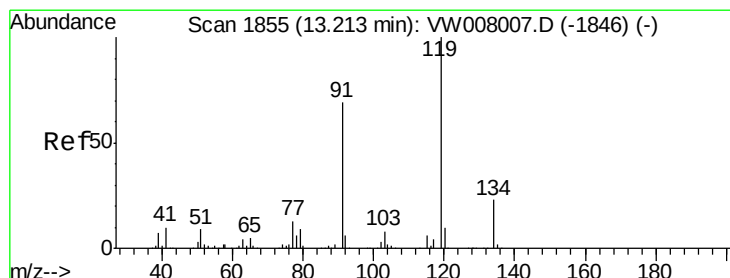
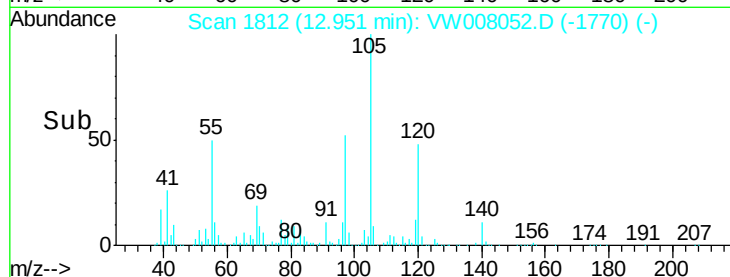
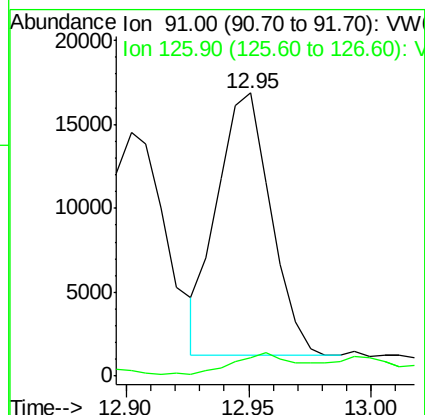
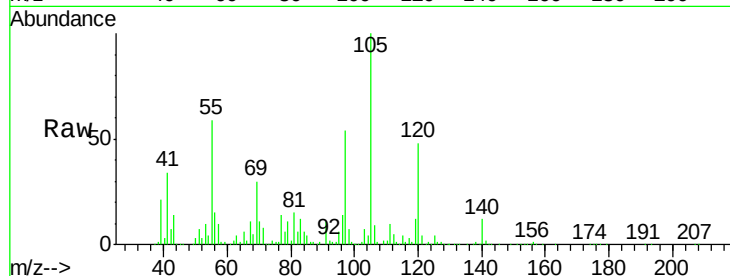
CPSB-09(10-15)

Tot Ion: 91 Resp: 23709

Ion Ratio Lower Upper

91 100

126 8.7 16.7 50.1#



#83

tert-Butylbenzene

Concen: 64.534 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.04 min

Lab File: VW008052.D

Acq: 04 Jan 2019 17:16

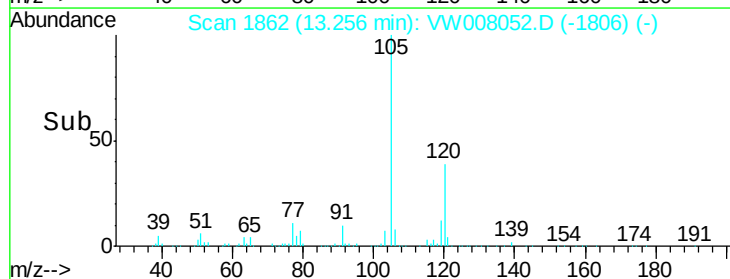
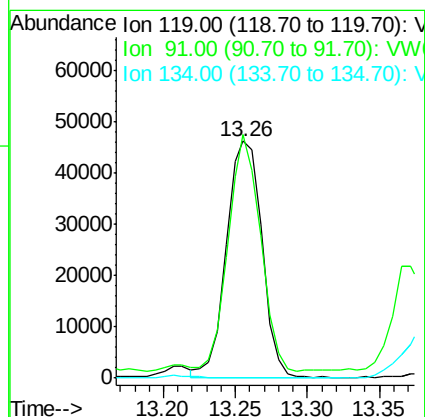
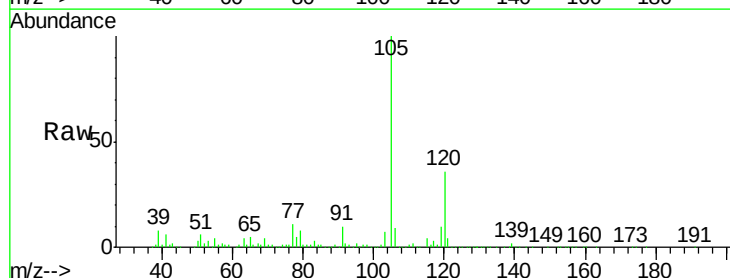
Tgt Ion: 119 Resp: 79591

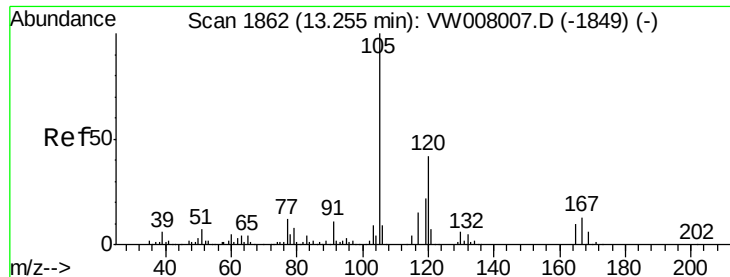
Ion Ratio Lower Upper

119 100

91 90.0 34.7 104.1

134 0.0 11.5 34.4#

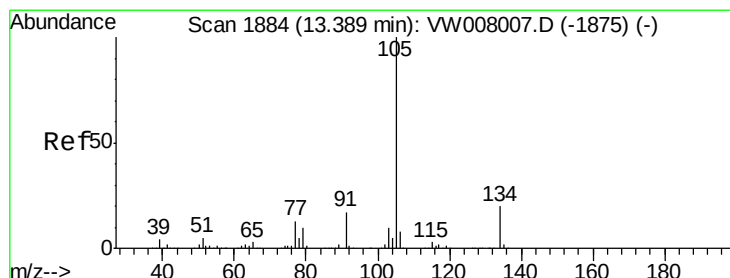
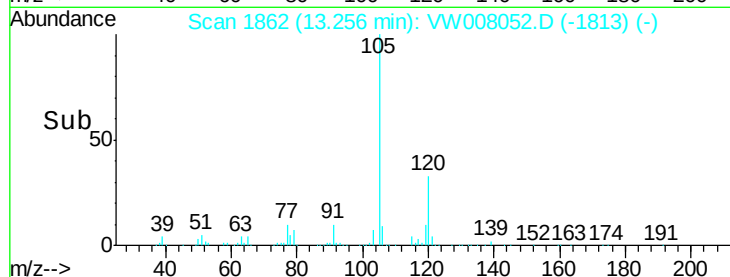
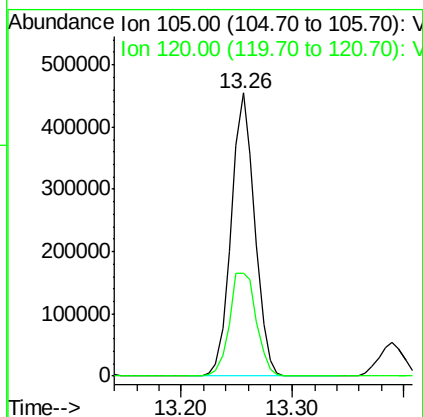
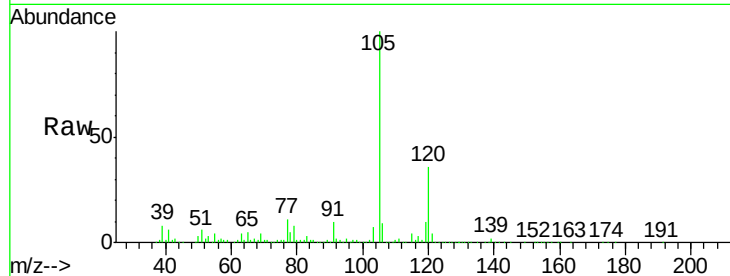




#84
 1,2,4-Trimethylbenzene
 Concen: 462.353 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008052.D
 Acq: 04 Jan 2019 17:16

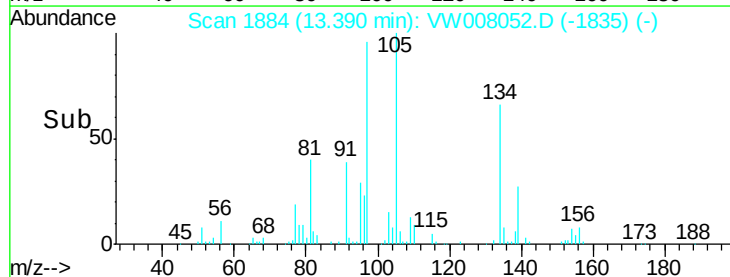
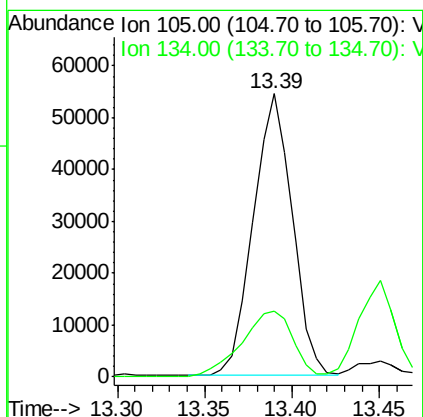
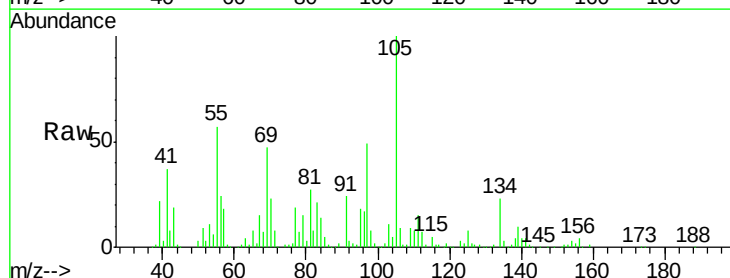
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-09(10-15)

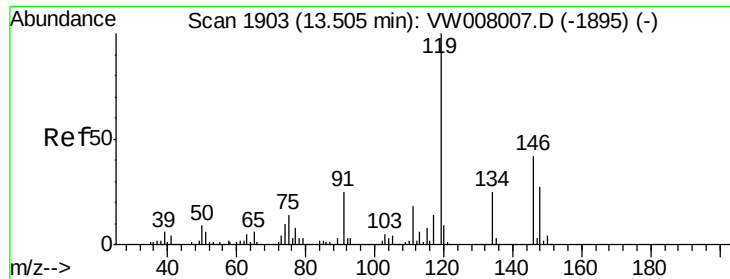
Tot Ion:105 Resp: 660162
 Ion Ratio Lower Upper
 105 100
 120 41.8 21.5 64.5



#85
 sec-Butylbenzene
 Concen: 49.755 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW008052.D
 Acq: 04 Jan 2019 17:16

Tgt Ion:105 Resp: 84414
 Ion Ratio Lower Upper
 105 100
 134 30.9 9.7 28.9#

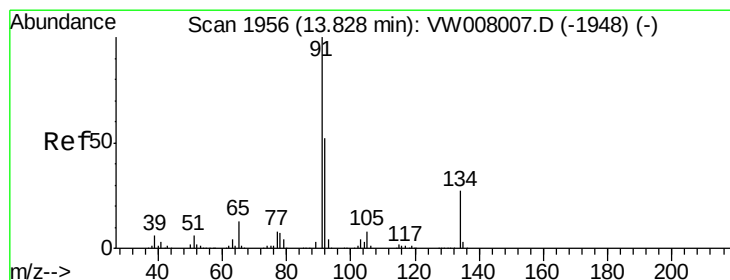
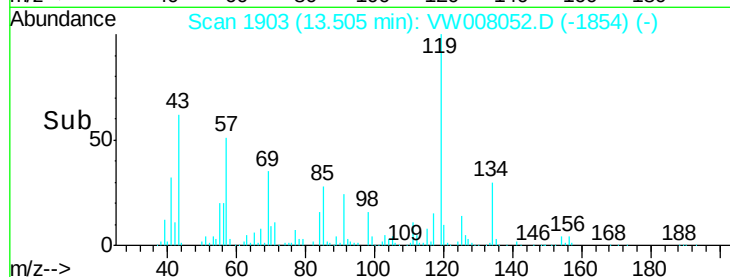
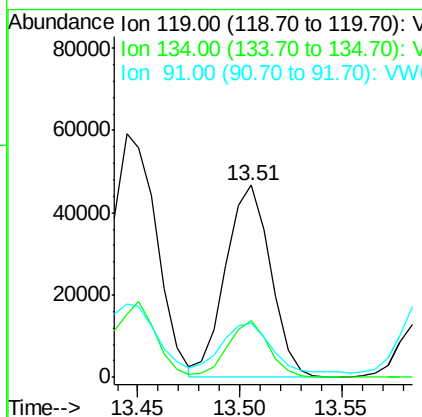
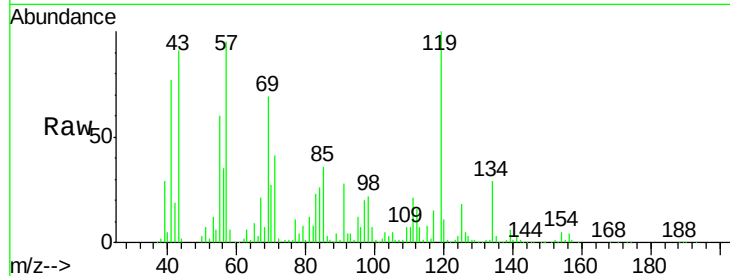




#86
 p-Isopropyltoluene
 Concen: 46.512 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW008052.D
 Acq: 04 Jan 2019 17:16

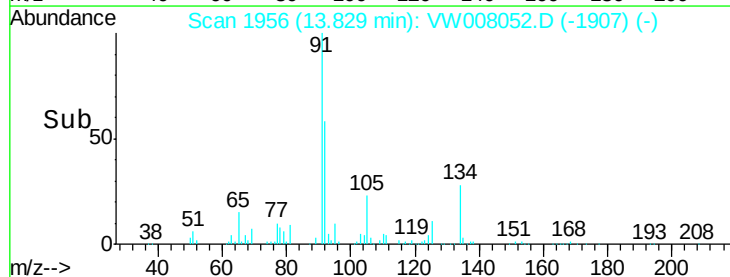
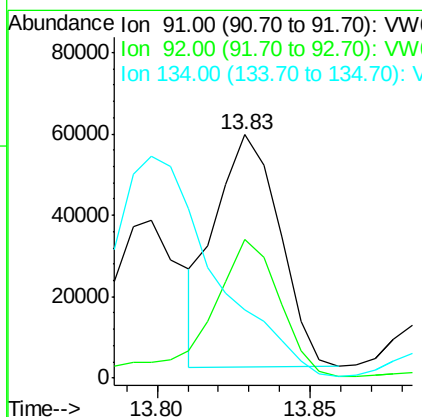
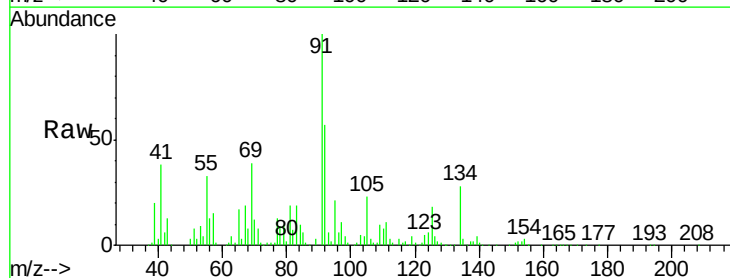
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-09(10-15)

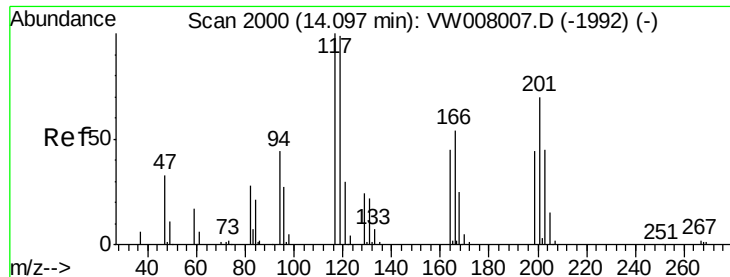
Tot Ion:119 Resp: 71178
 Ion Ratio Lower Upper
 119 100
 134 27.1 12.5 37.5
 91 27.7 13.1 39.3



#89
 n-Butylbenzene
 Concen: 59.175 ug/l
 RT: 13.83 min Scan# 1956
 Delta R.T. 0.00 min
 Lab File: VW008052.D
 Acq: 04 Jan 2019 17:16

Tgt Ion: 91 Resp: 82831
 Ion Ratio Lower Upper
 91 100
 92 64.6 26.4 79.2
 134 0.0 13.4 40.2#





#90

Hexachloroethane

Concen: 82.003 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW008052.D

Acq: 04 Jan 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

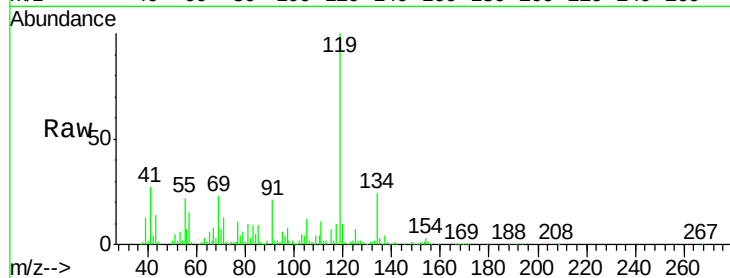
CPSB-09(10-15)

Tot Ion:117 Resp: 21775

Ion Ratio Lower Upper

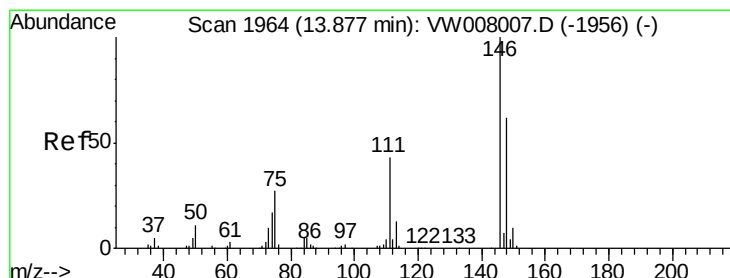
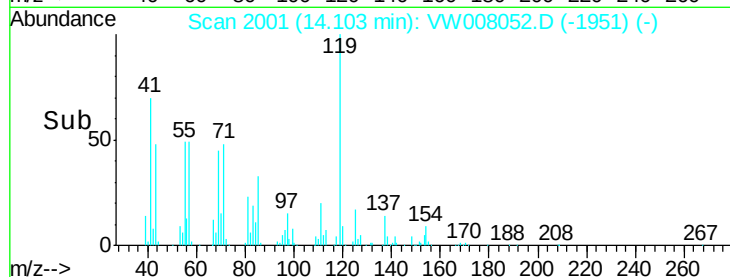
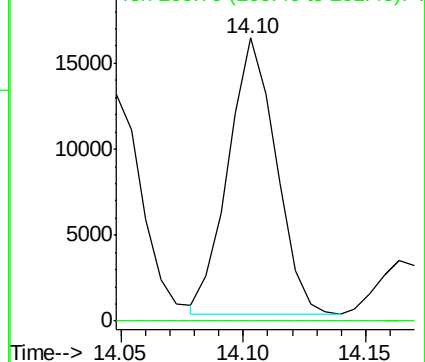
117 100

201 0.0 37.1 111.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 2.317 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.01 min

Lab File: VW008052.D

Acq: 04 Jan 2019 17:16

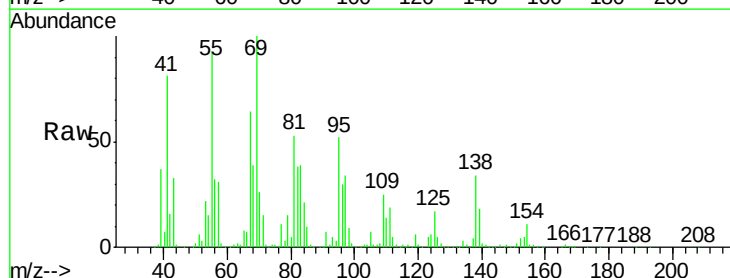
Tgt Ion:146 Resp: 1446

Ion Ratio Lower Upper

146 100

111 0.0 22.6 67.7#

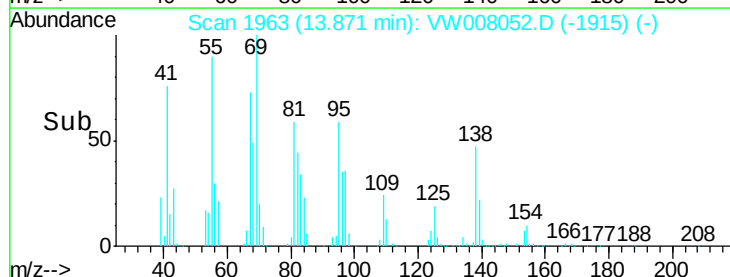
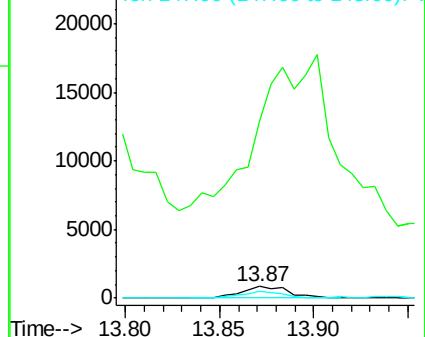
148 54.2 32.1 96.3

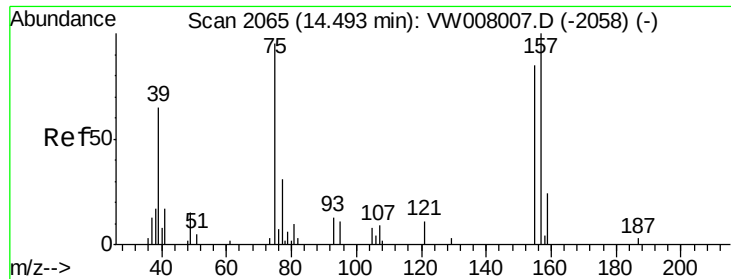


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 19.933 ug/l

RT: 14.50 min Scan# 2066

Delta R.T. 0.01 min

Lab File: VW008052.D

Acq: 04 Jan 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

CPSB-09(10-15)

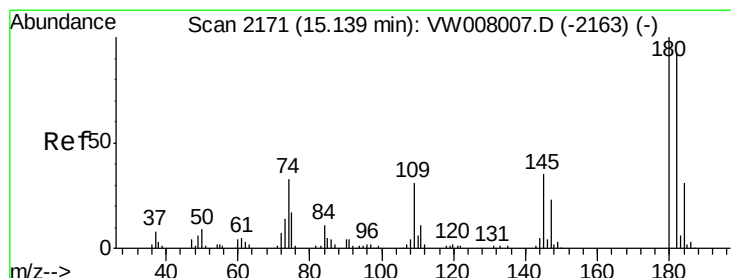
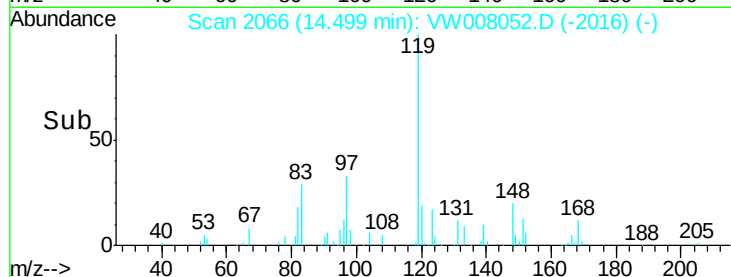
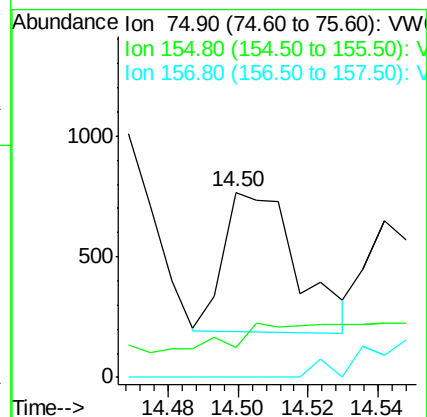
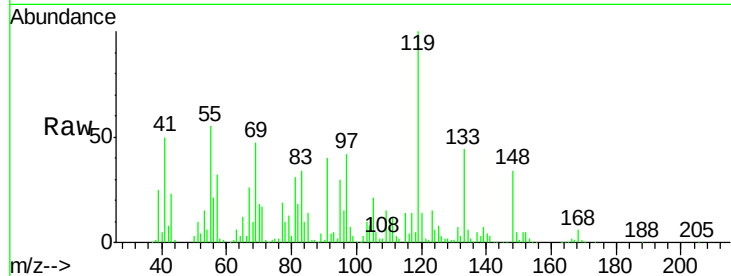
Tot Ion: 75 Resp: 843

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: 2.201 ug/l

RT: 15.15 min Scan# 2172

Delta R.T. 0.01 min

Lab File: VW008052.D

Acq: 04 Jan 2019 17:16

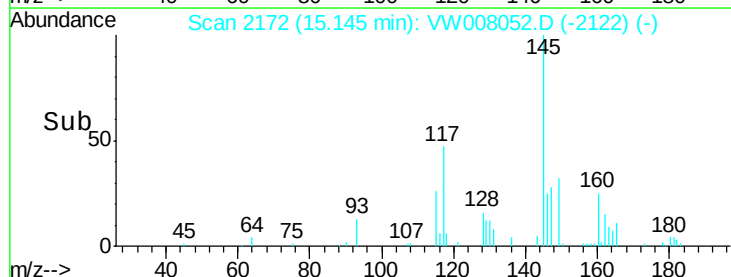
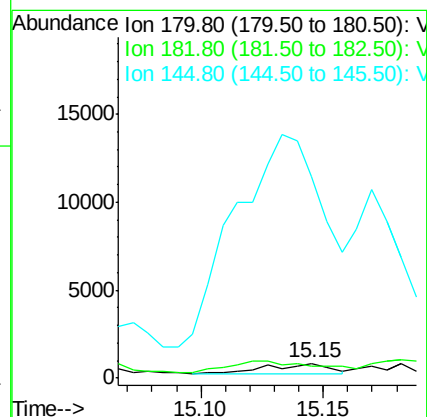
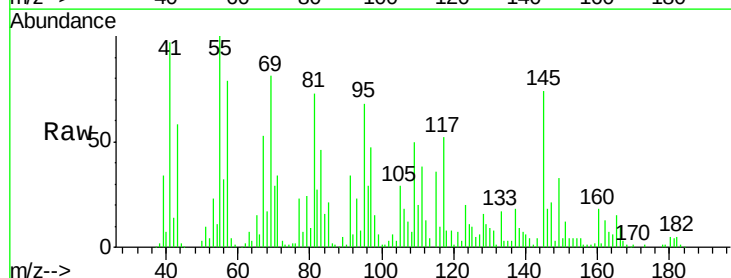
Tgt Ion: 180 Resp: 965

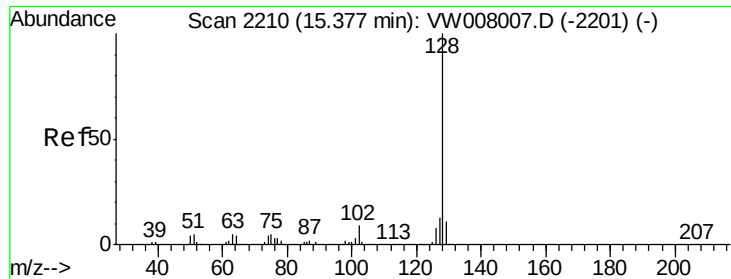
Ion Ratio Lower Upper

180 100

182 179.6 46.6 139.8#

145 3847.8 17.2 51.6#

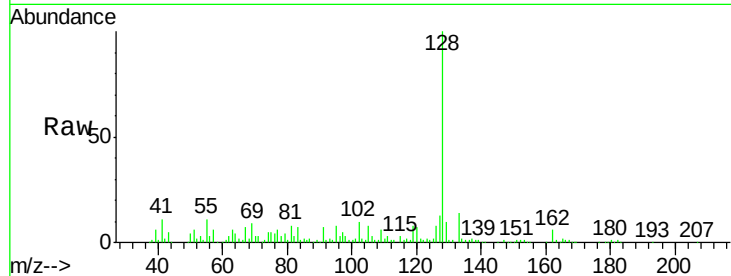




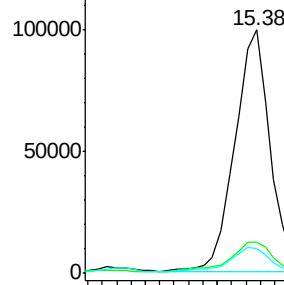
#95
Naphthalene
Concen: 223.931 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW008052.D
Acq: 04 Jan 2019 17:16

Instrument :
MSVOA_W
ClientSampleId :
CPSB-09(10-15)

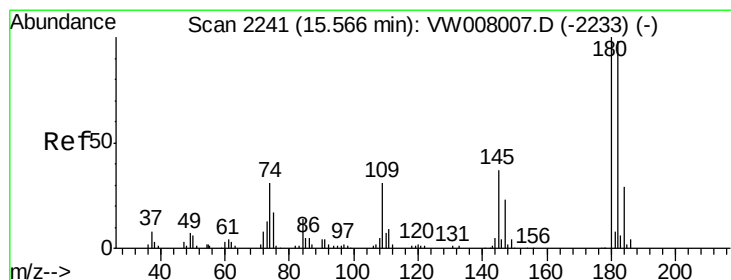
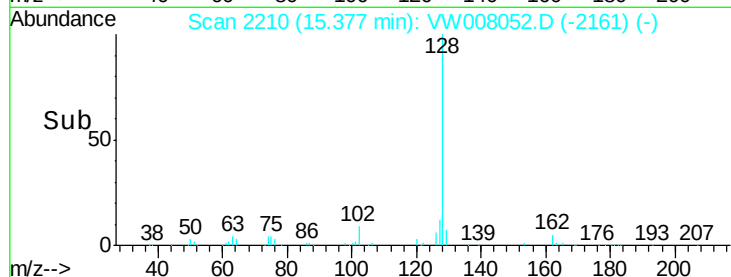
Tot Ion	Ratio	Lower	Upper
128	100		
127	15.3	10.8	16.2
129	11.1	8.8	13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

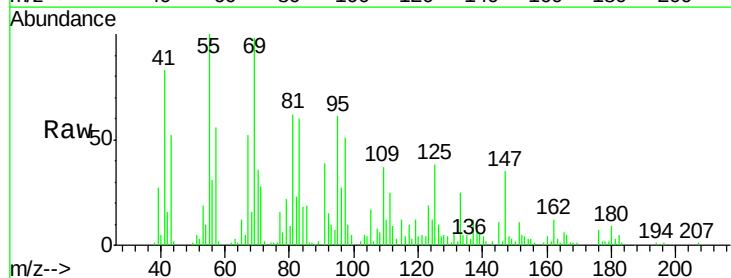


Time-->

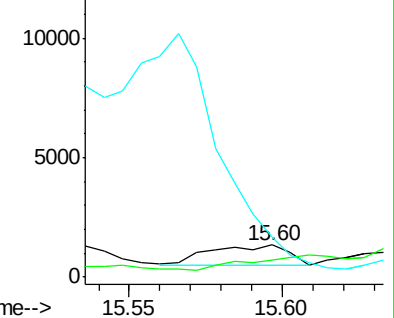


#96
1,2,3-Trichlorobenzene
Concen: 3.901 ug/l
RT: 15.60 min Scan# 2246
Delta R.T. 0.03 min
Lab File: VW008052.D
Acq: 04 Jan 2019 17:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.9	47.9	143.8
145	0.0	18.7	56.1#



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V



Time-->

