

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011019\
 Data File : VW008182.D
 Acq On : 11 Jan 2019 07:46
 Operator : SY/AP
 Sample : K1102-01
 Misc : 5.09G/5ML/MSVOA_W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-18(15-20)

Quant Time: Jan 11 10:21:11 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	99406	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	146621	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	127674	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	60385	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	47050	42.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.22%	
35) Dibromofluoromethane	7.89	113	42721	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
50) Toluene-d8	10.32	98	495914	138.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	276.38%	
62) 4-Bromofluorobenzene	12.62	95	79860	62.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.16%	

Target Compounds					Qvalue
11) Tert butyl alcohol	5.20	59	1270	Below Cal	# 100
16) Acetone	4.12	43	39192	190.089	ug/l 93
17) Carbon Disulfide	4.38	76	13011	3.826	ug/l 100
19) Methyl tert-butyl Ether	5.42	73	7185	4.060	ug/l # 1
20) Methylene Chloride	4.90	84	10770	5.513	ug/l 93
25) 2-Butanone	7.17	43	132941	427.668	ug/l # 51
29) Tetrahydrofuran	7.71	42	27963	134.668	ug/l # 1
31) Cyclohexane	7.96	56	4414282	1877.456	ug/l 96
37) Ethyl Acetate	7.17	43	132941	219.705	ug/l # 70
38) Carbon Tetrachloride	7.95	117	9381	6.786	ug/l # 16
40) Benzene	8.32	78	261094	63.736	ug/l 97
41) Methacrylonitrile	7.71	41	161129	421.548	ug/l # 50
42) 1,2-Dichloroethane	8.44	62	13878	12.045	ug/l # 1
43) Isopropyl Acetate	8.43	43	1212386	1002.129	ug/l # 51
45) 1,2-Dichloropropane	9.35	63	445435	438.529	ug/l # 1
46) Dibromomethane	9.35	93	31006	62.156	ug/l # 1
48) Methyl methacrylate	9.35	41	23878689	41829.480	ug/l # 81
49) 1,4-Dioxane	9.52	88	61	7.604	ug/l # 11
51) 4-Methyl-2-Pentanone	10.21	43	101100	172.639	ug/l 92
52) Toluene	10.39	92	2260200	863.934	ug/l 100
53) t-1,3-Dichloropropene	10.39	75	27315	20.732	ug/l # 1
55) 1,1,2-Trichloroethane	10.76	97	309111	441.352	ug/l # 20
56) Ethyl methacrylate	10.67	69	228601	263.563	ug/l # 25
58) 2-Chloroethyl Vinyl ether	9.91	63	2669	5.957	ug/l # 48
59) 2-Hexanone	10.94	43	183036	462.190	ug/l # 28
65) Chlorobenzene	11.66	112	926020	342.353	ug/l 99
67) Ethyl Benzene	11.73	91	105820	21.381	ug/l 100
68) m/p-Xylenes	11.84	106	114443	60.583	ug/l 100
69) o-Xylene	12.16	106	29688	16.971	ug/l 92
73) Isopropylbenzene	12.47	105	375604	79.228	ug/l 98
74) N-amyl acetate	12.26	43	316488	301.454	ug/l # 56
75) 1,1,2,2-Tetrachloroethane	12.69	83	32939	43.408	ug/l # 83
76) 1,2,3-Trichloropropane	12.81	75	4881	8.867	ug/l # 1
78) n-propylbenzene	12.81	91	738446	127.126	ug/l 100

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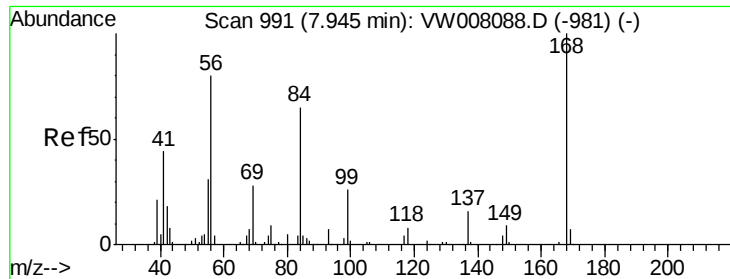
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-18(15-20)

Quant Time: Jan 11 10:21:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

79) 2-Chlorotoluene	12.81	91	738446	227.862	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.94	105	20343	5.222	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.47	75	5077	21.477	ug/l #	1
82) 4-Chlorotoluene	12.81	91	738446	216.351	ug/l #	42
83) tert-Butylbenzene	13.21	119	25503	7.400	ug/l	91
84) 1,2,4-Trimethylbenzene	13.26	105	88701	22.076	ug/l	98
85) sec-Butylbenzene	13.39	105	503475	99.724	ug/l	83
86) p-Isopropyltoluene	13.66	119	104256	23.913	ug/l	95
88) 1,4-Dichlorobenzene	13.58	146	17314	8.493	ug/l #	1
89) n-Butylbenzene	13.83	91	248551	58.209	ug/l	93
90) Hexachloroethane	14.10	117	98681	134.007	ug/l #	17
91) 1,2-Dichlorobenzene	13.88	146	4767	2.669	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.50	75	1228	10.056	ug/l #	18
95) Naphthalene	15.38	128	25757	11.634	ug/l #	68
96) 1,2,3-Trichlorobenzene	15.58	180	4255	4.210	ug/l #	13

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008182.D

Acq: 11 Jan 2019 07:46

Instrument :

MSVOA_W

ClientSampleId :

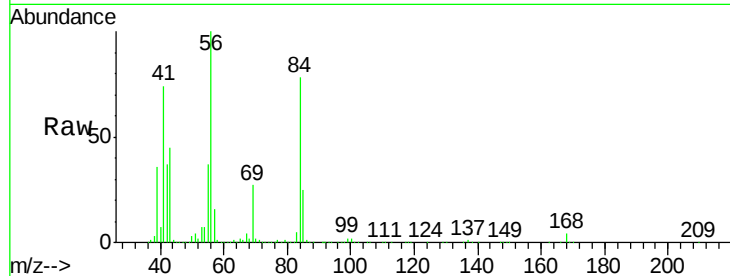
CPSB-18(15-20)

Tgt Ion:168 Resp: 99406

Ion Ratio Lower Upper

168 100

99 53.0 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

50000

40000

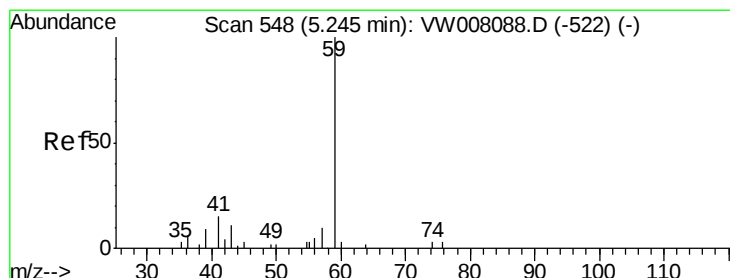
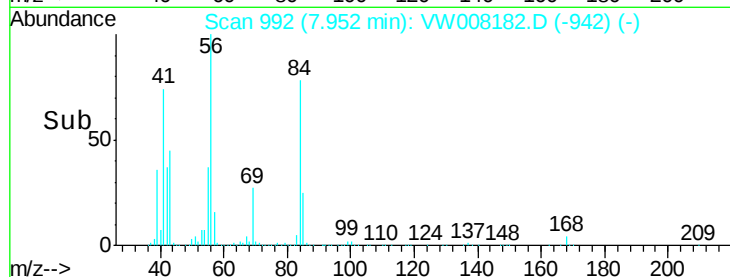
30000

20000

10000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.20 min Scan# 541

Delta R.T. -0.04 min

Lab File: VW008182.D

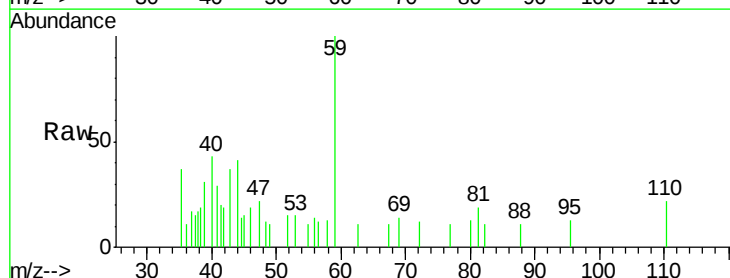
Acq: 11 Jan 2019 07:46

Tgt Ion: 59 Resp: 1270

Ion Ratio Lower Upper

59 100

57 0.0 0.0 0.0



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.20

500

400

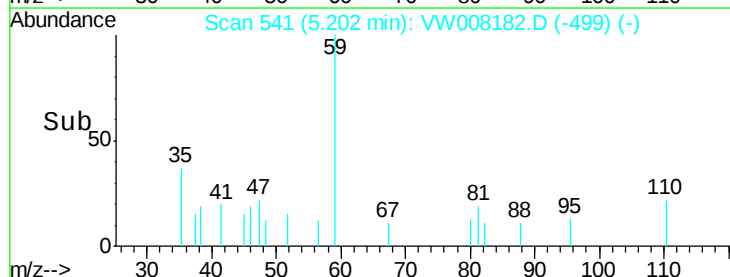
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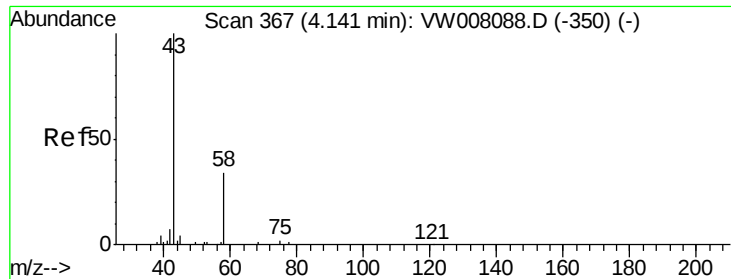
200

100

0

Time-->

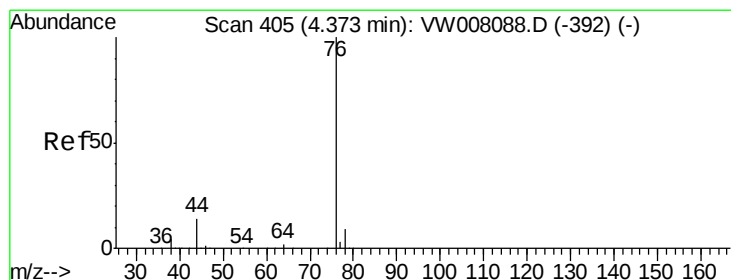
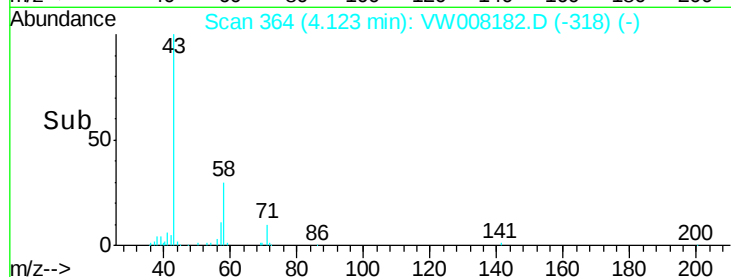
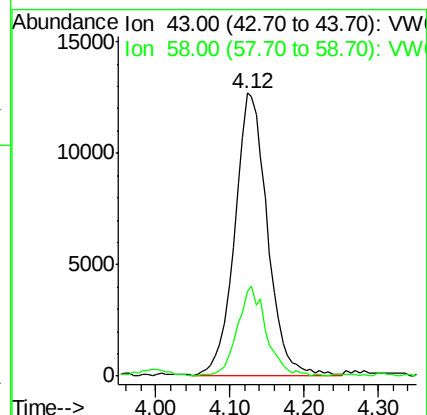
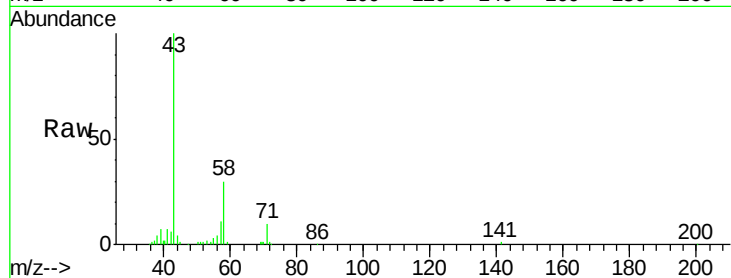




#16
Acetone
Concen: 190.089 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.02 min
Lab File: VW008182.D
Acq: 11 Jan 2019 07:46

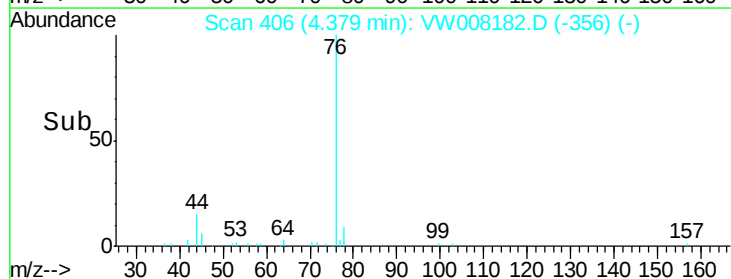
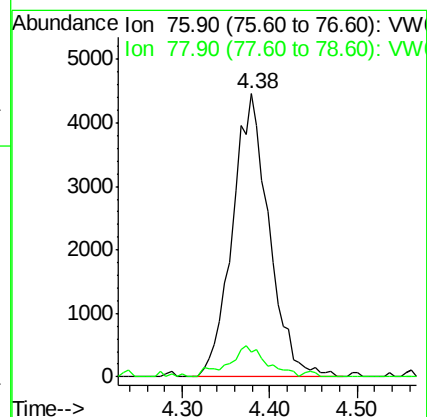
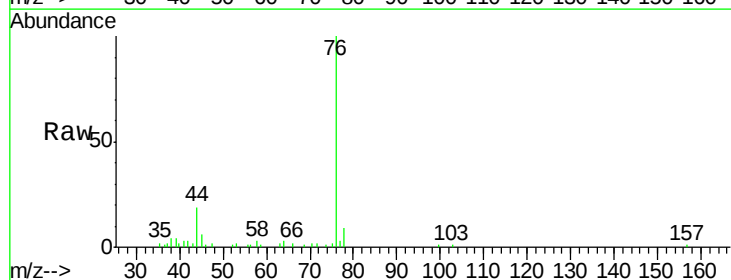
Instrument :
MSVOA_W
ClientSampleId :
CPSB-18(15-20)

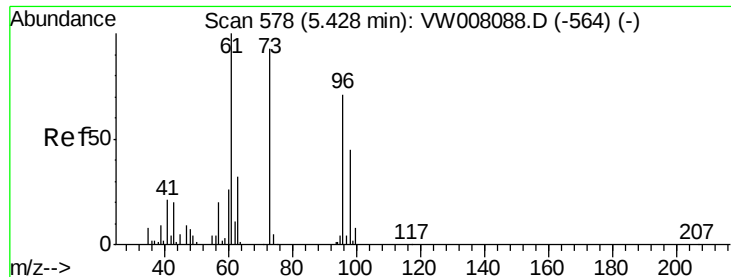
Tgt Ion: 43 Resp: 39192
Ion Ratio Lower Upper
43 100
58 30.1 27.5 41.3



#17
Carbon Disulfide
Concen: 3.826 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW008182.D
Acq: 11 Jan 2019 07:46

Tgt Ion: 76 Resp: 13011
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6

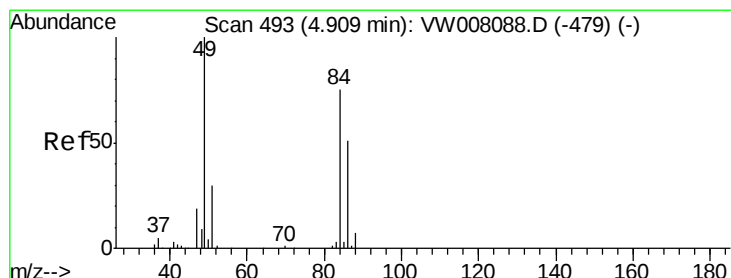
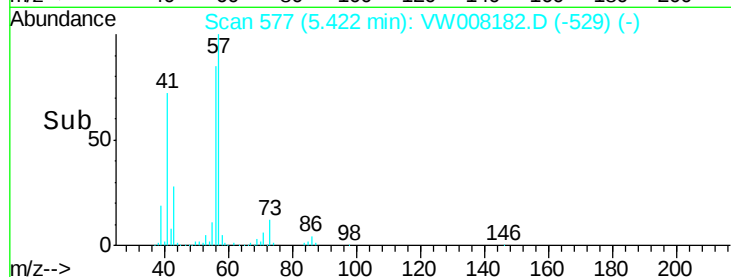
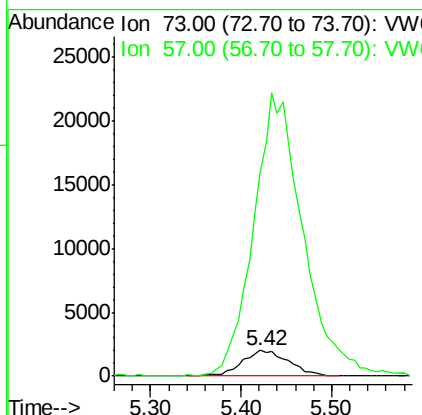
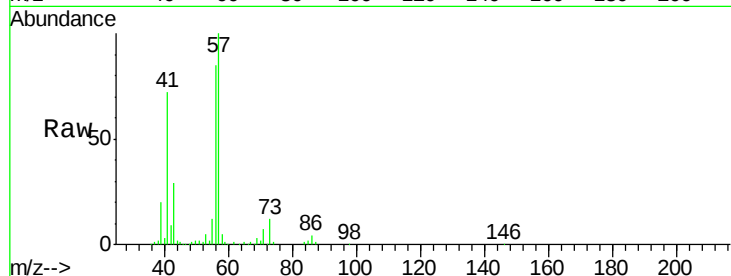




#19
Methyl tert-butyl Ether
Concen: 4.060 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW008182.D
Acq: 11 Jan 2019 07:46

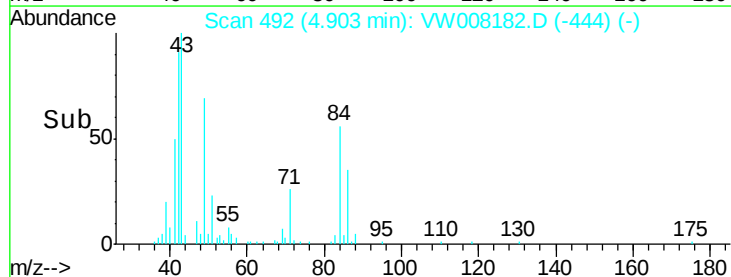
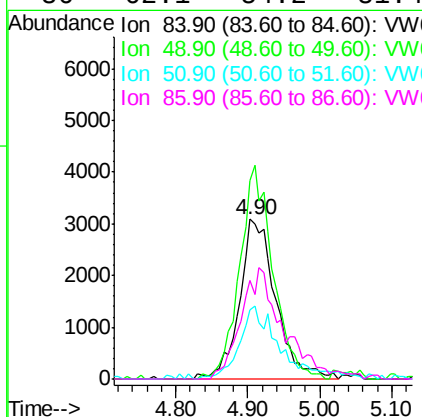
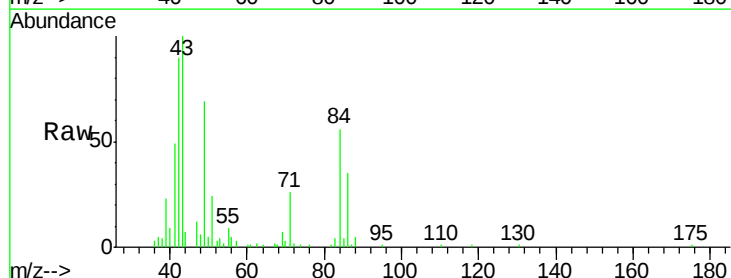
Instrument :
MSVOA_W
ClientSampleId :
CPSB-18(15-20)

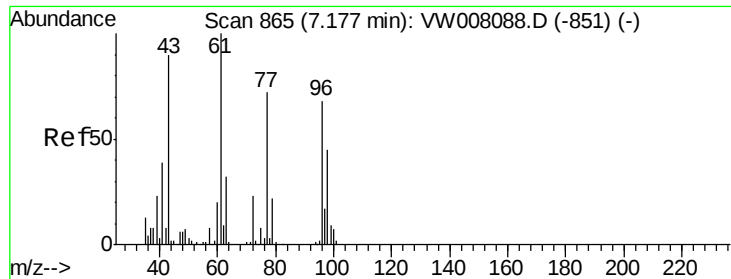
Tgt Ion: 73 Resp: 7185
Ion Ratio Lower Upper
73 100
57 796.3 16.7 25.1#



#20
Methylene Chloride
Concen: 5.513 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008182.D
Acq: 11 Jan 2019 07:46

Tgt Ion: 84 Resp: 10770
Ion Ratio Lower Upper
84 100
49 124.5 107.1 160.7
51 39.9 32.4 48.6
86 62.1 54.2 81.4





#25

2-Butanone

Concen: 427.668 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW008182.D

Acq: 11 Jan 2019 07:46

Instrument :

MSVOA_W

ClientSampleId :

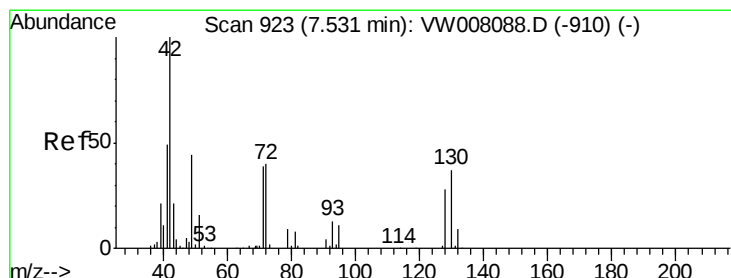
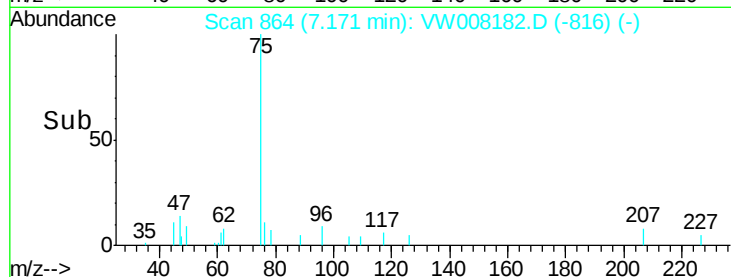
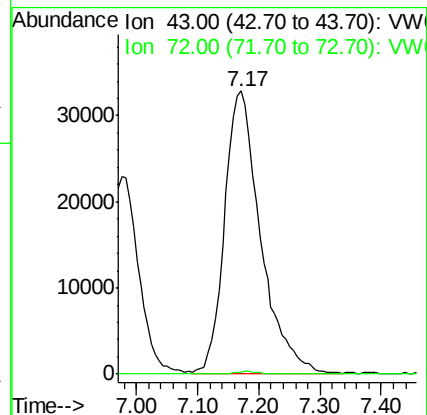
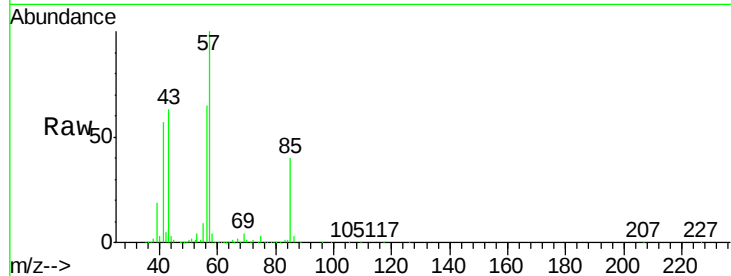
CPSB-18(15-20)

Tgt Ion: 43 Resp: 132941

Ion Ratio Lower Upper

43 100

72 0.9 20.5 30.7#



#29

Tetrahydrofuran

Concen: 134.668 ug/l

RT: 7.71 min Scan# 952

Delta R.T. 0.18 min

Lab File: VW008182.D

Acq: 11 Jan 2019 07:46

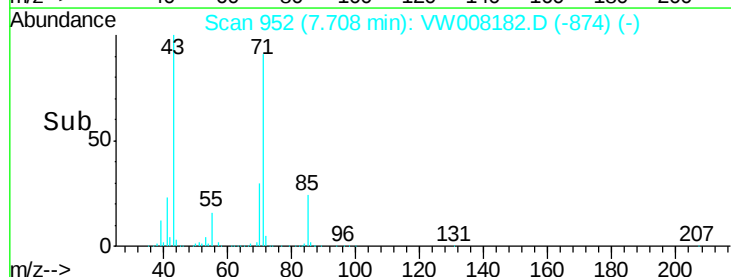
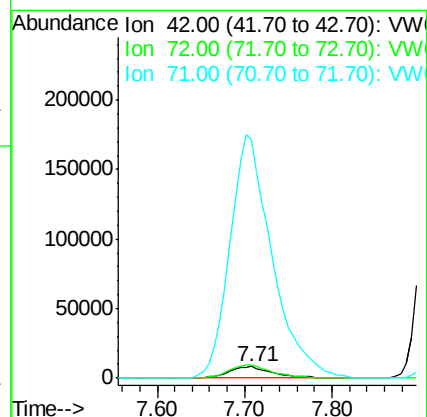
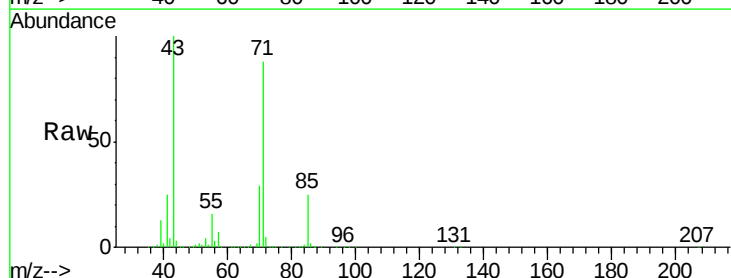
Tgt Ion: 42 Resp: 27963

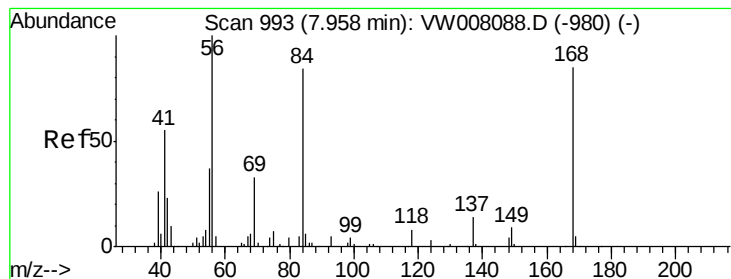
Ion Ratio Lower Upper

42 100

72 118.9 32.4 48.6#

71 2100.5 31.3 46.9#





#31

Cyclohexane

Concen: 1877.456 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW008182.D

Acq: 11 Jan 2019 07:46

Instrument :

MSVOA_W

ClientSampleId :

CPSB-18(15-20)

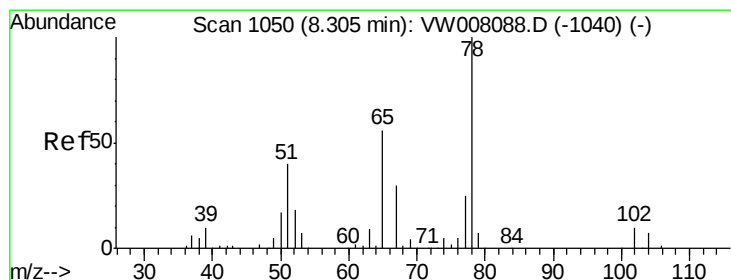
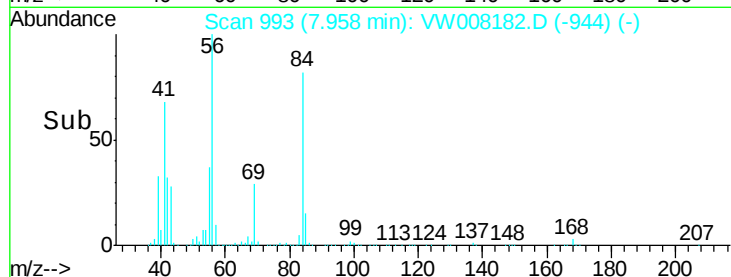
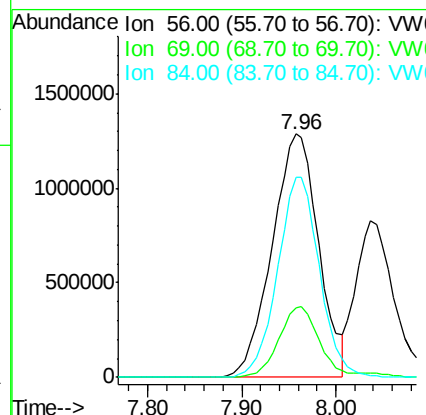
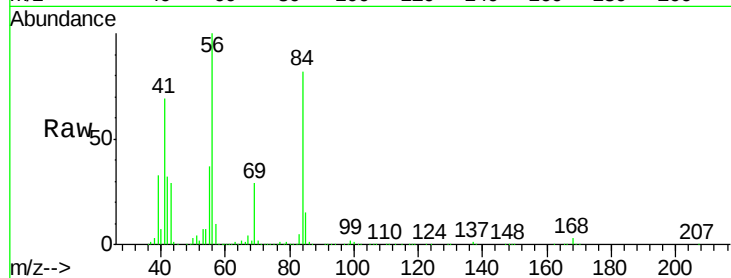
Tgt Ion: 56 Resp: 4414282

Ion Ratio Lower Upper

56 100

69 28.7 26.2 39.4

84 82.0 67.4 101.2



#33

1,2-Dichloroethane-d4

Concen: 42.113 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008182.D

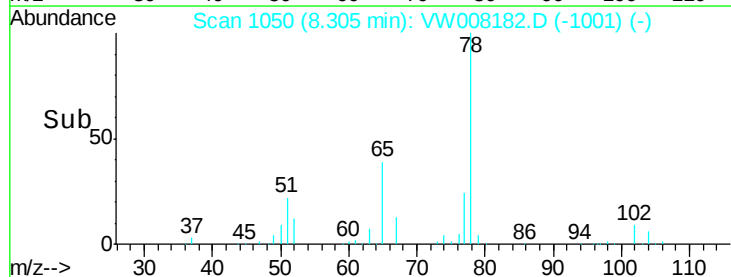
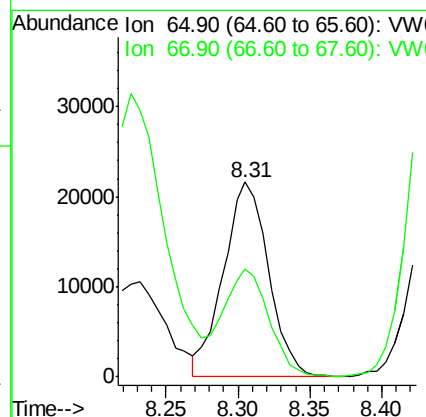
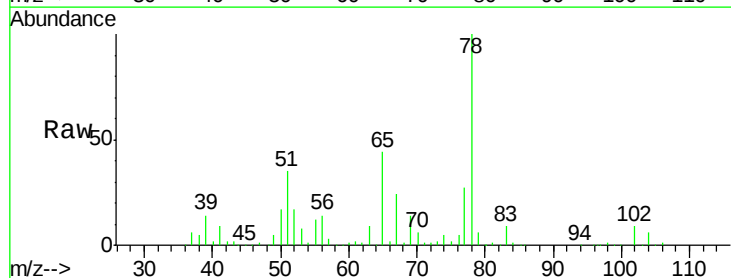
Acq: 11 Jan 2019 07:46

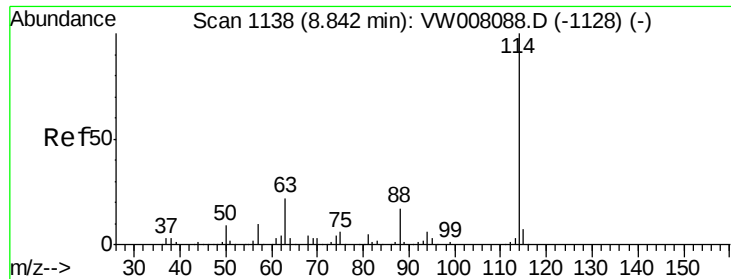
Tgt Ion: 65 Resp: 47050

Ion Ratio Lower Upper

65 100

67 56.6 0.0 106.8

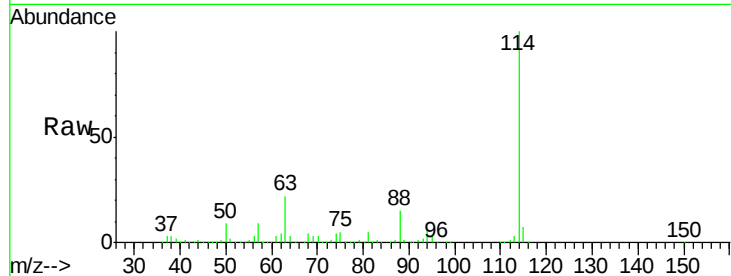




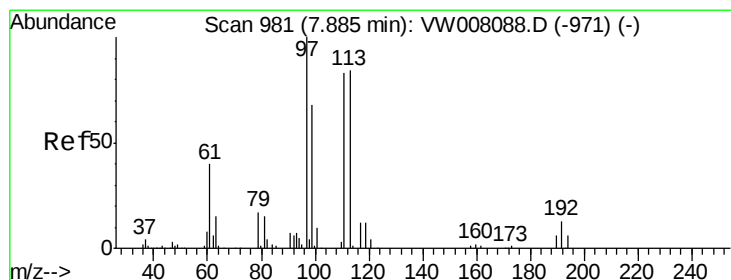
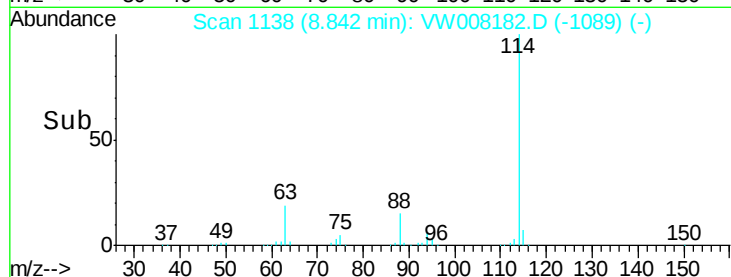
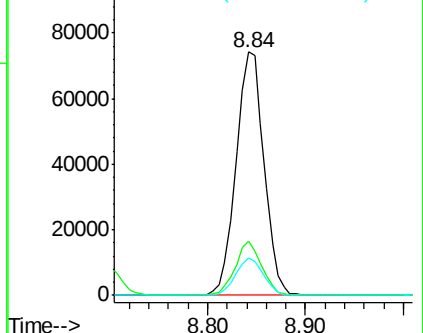
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008182.D
 Acq: 11 Jan 2019 07:46

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-18(15-20)

Tgt Ion:114 Resp: 146621
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.4
 88 15.3 0.0 33.4

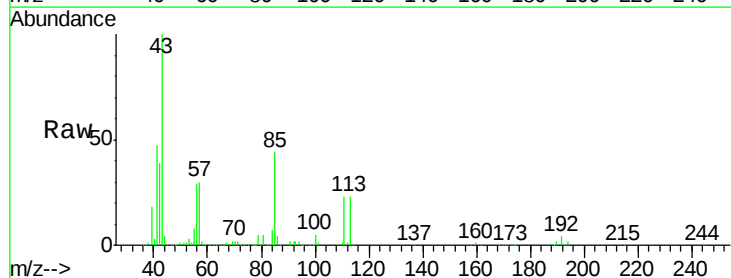


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

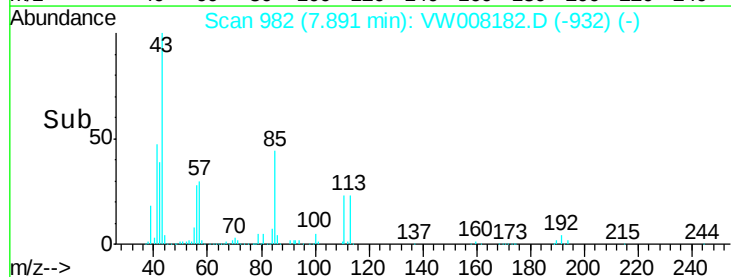
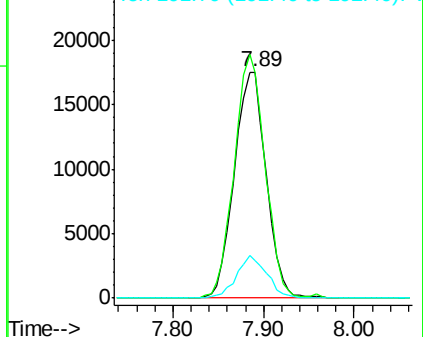


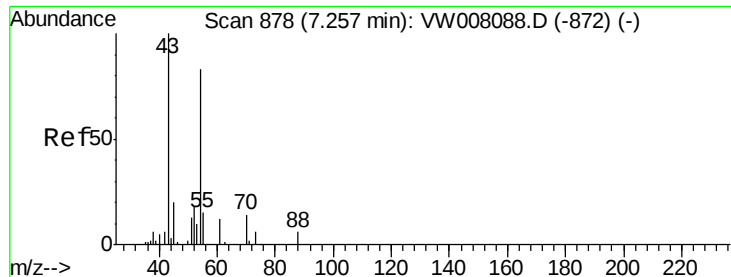
#35
 Dibromofluoromethane
 Concen: 49.957 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW008182.D
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Tgt Ion:113 Resp: 42721
 Ion Ratio Lower Upper
 113 100
 111 104.5 81.8 122.8
 192 17.9 12.8 19.2



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

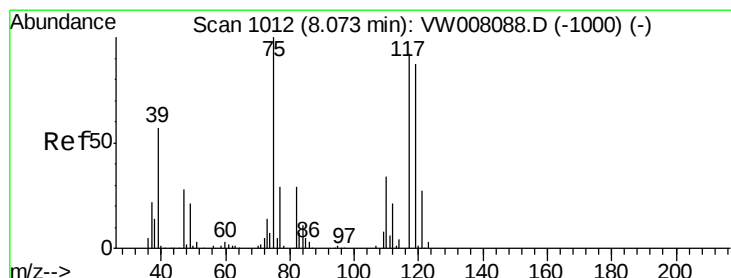
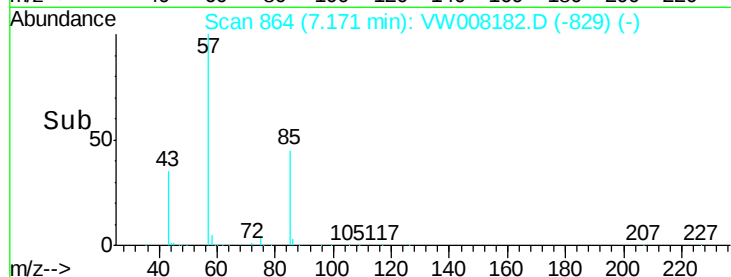
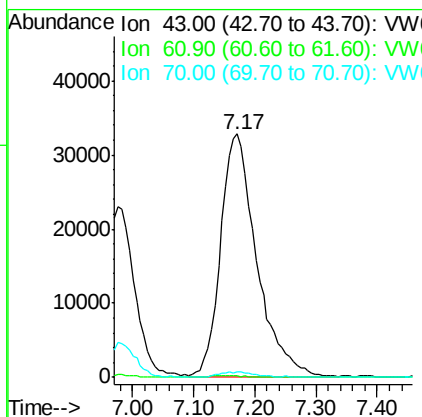
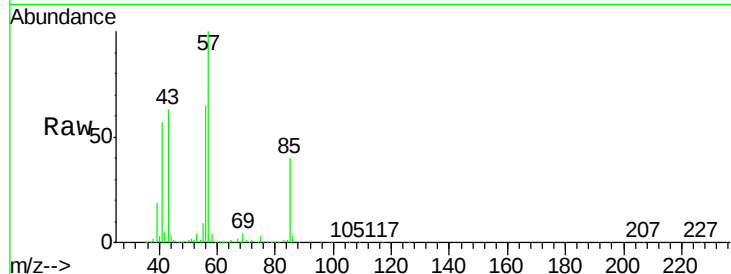




#37
 Ethyl Acetate
 Concen: 219.705 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.09 min
 Lab File: VW008182.D
 Acq: 11 Jan 2019 07:46

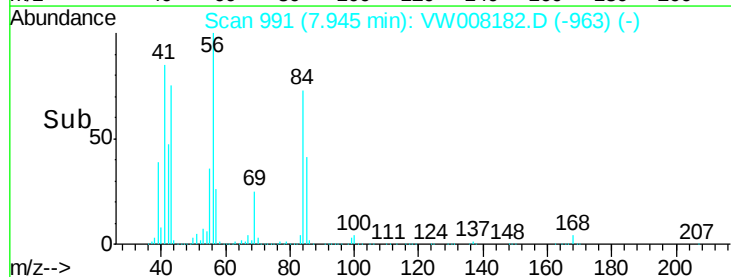
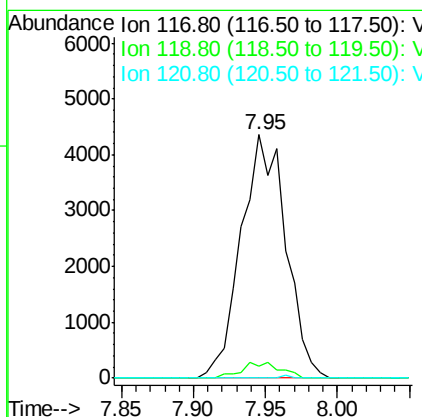
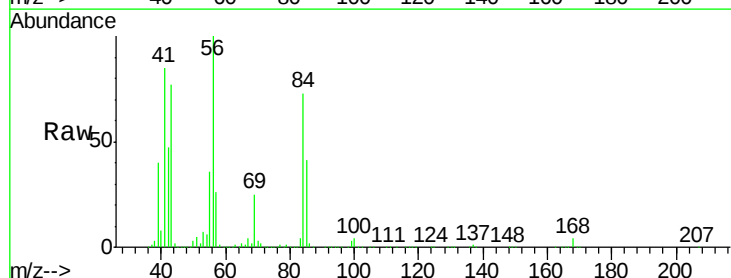
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-18(15-20)

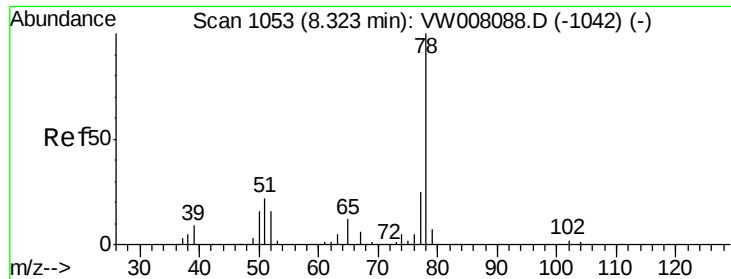
Tgt Ion: 43 Resp: 132941
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.6 16.0#
 70 1.0 8.9 13.3#



#38
 Carbon Tetrachloride
 Concen: 6.786 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008182.D
 Acq: 11 Jan 2019 07:46

Tgt Ion: 117 Resp: 9381
 Ion Ratio Lower Upper
 117 100
 119 4.9 75.8 113.8#
 121 0.0 23.7 35.5#

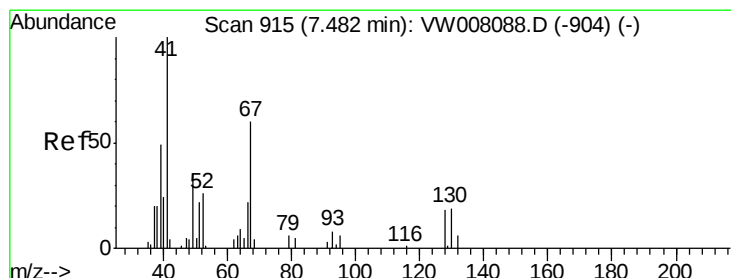
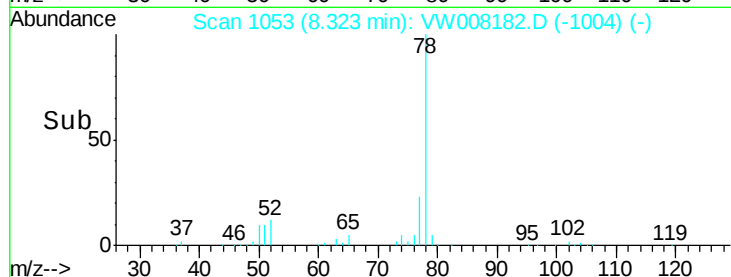
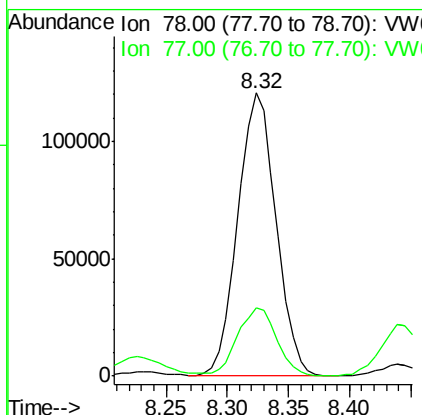
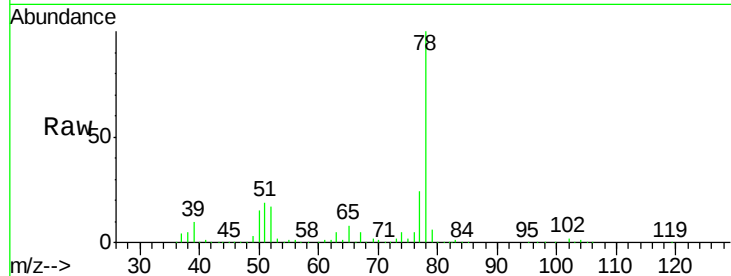




#40
Benzene
Concen: 63.736 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008182.D
Acq: 11 Jan 2019 07:46

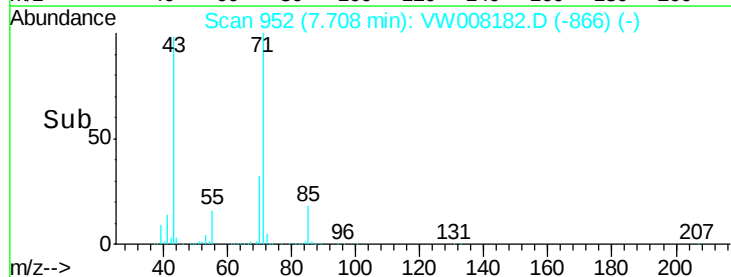
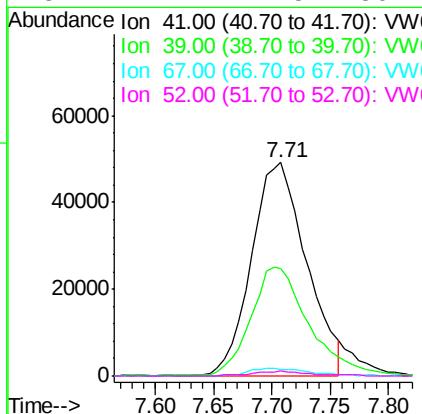
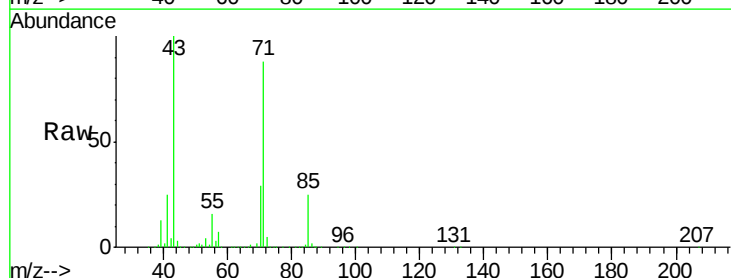
Instrument :
MSVOA_W
ClientSampleId :
CPSB-18(15-20)

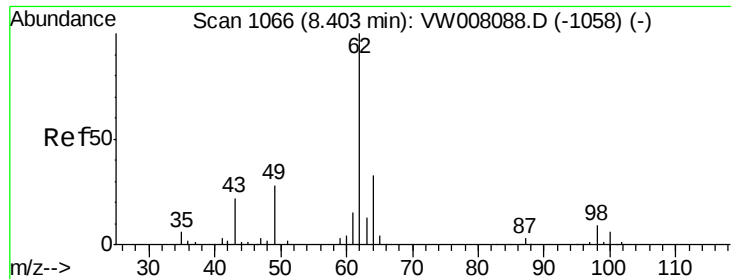
Tgt Ion: 78 Resp: 261094
Ion Ratio Lower Upper
78 100
77 24.0 20.2 30.4



#41
Methacrylonitrile
Concen: 421.548 ug/l
RT: 7.71 min Scan# 952
Delta R.T. 0.23 min
Lab File: VW008182.D
Acq: 11 Jan 2019 07:46

Tgt Ion: 41 Resp: 161129
Ion Ratio Lower Upper
41 100
39 50.5 47.9 71.9
67 3.8 56.3 84.5#
52 2.2 24.5 36.7#





#42

1,2-Dichloroethane

Concen: 12.045 ug/l

RT: 8.44 min Scan# 1072

Delta R.T. 0.04 min

Lab File: VW008182.D

Acq: 11 Jan 2019 07:46

Instrument :

MSVOA_W

ClientSampleId :

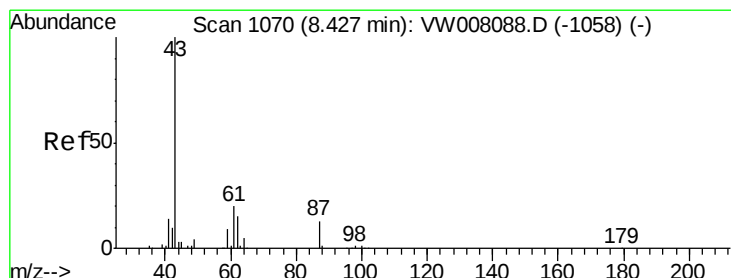
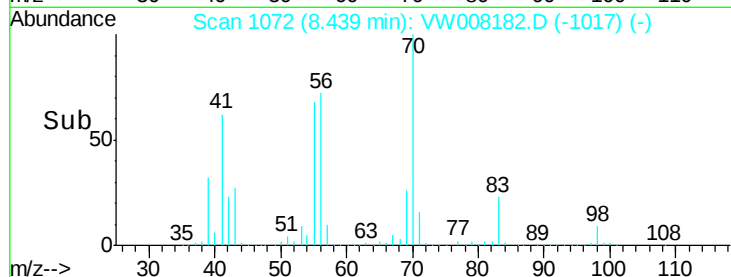
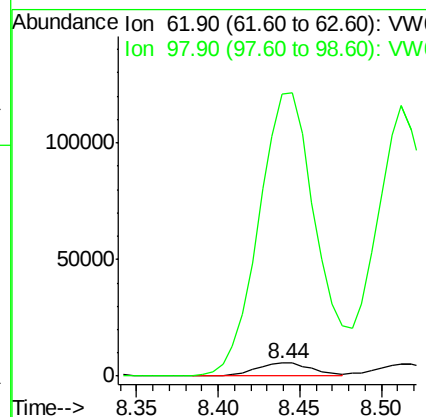
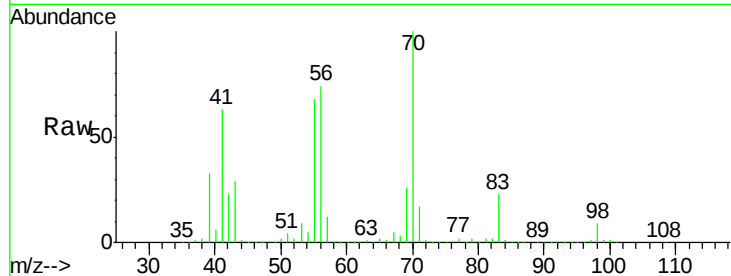
CPSB-18(15-20)

Tgt Ion: 62 Resp: 13878

Ion Ratio Lower Upper

62 100

98 2171.3 0.0 18.6#



#43

Isopropyl Acetate

Concen: 1002.129 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW008182.D

Acq: 11 Jan 2019 07:46

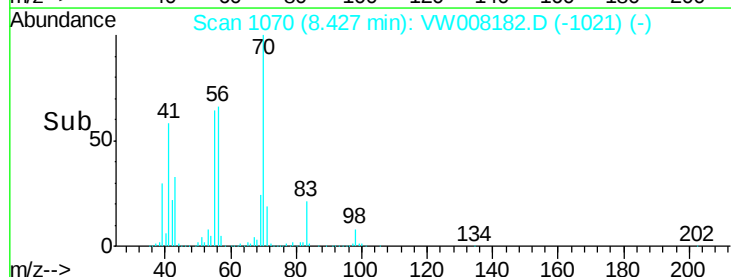
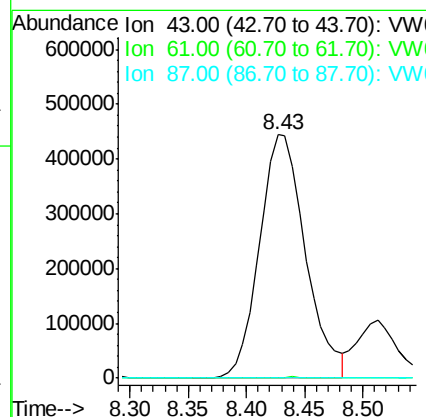
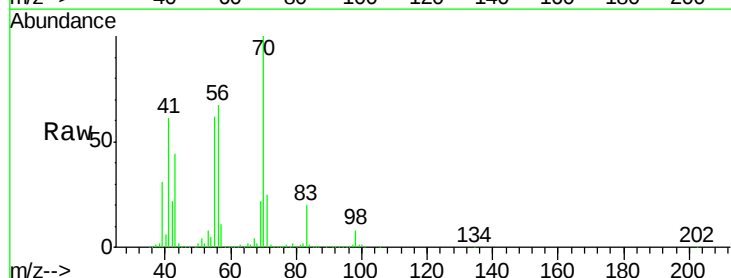
Tgt Ion: 43 Resp: 1212386

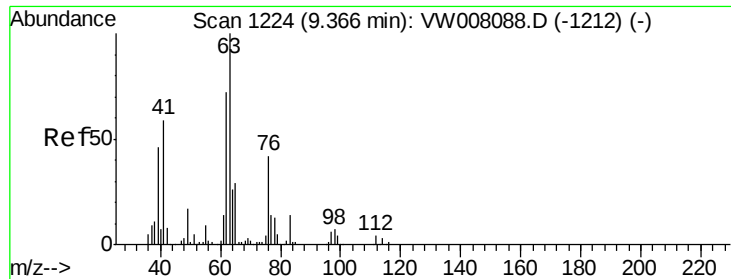
Ion Ratio Lower Upper

43 100

61 0.4 24.8 37.2#

87 0.0 10.4 15.6#





#45

1,2-Dichloropropane

Concen: 438.529 ug/l

RT: 9.35 min Scan# 1222

Delta R.T. -0.01 min

Lab File: VW008182.D

Acq: 11 Jan 2019 07:46

Instrument :

MSVOA_W

ClientSampleId :

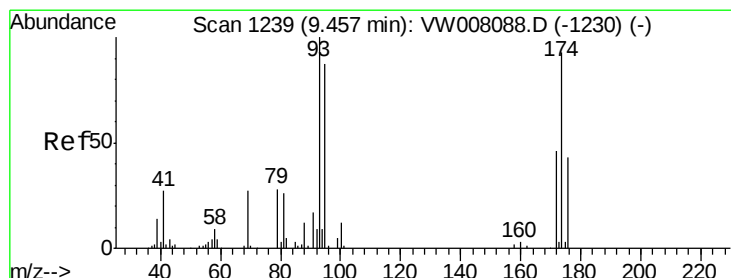
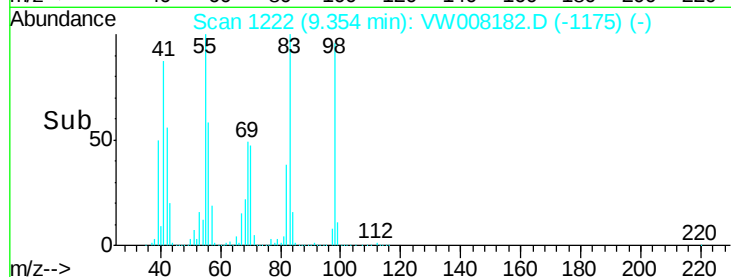
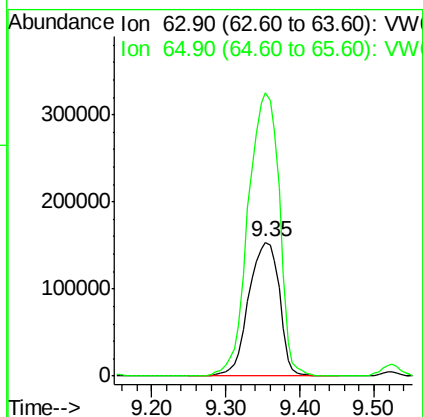
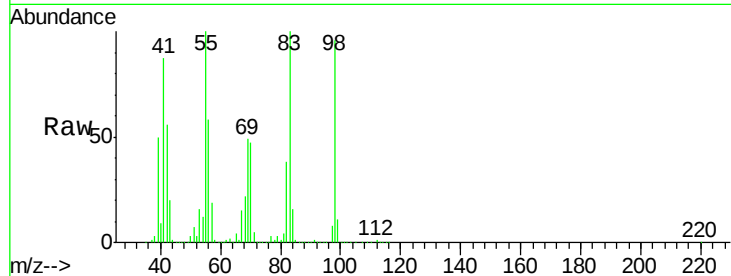
CPSB-18(15-20)

Tgt Ion: 63 Resp: 445435

Ion Ratio Lower Upper

63 100

65 211.8 23.3 34.9#



#46

Dibromomethane

Concen: 62.156 ug/l

RT: 9.35 min Scan# 1222

Delta R.T. -0.10 min

Lab File: VW008182.D

Acq: 11 Jan 2019 07:46

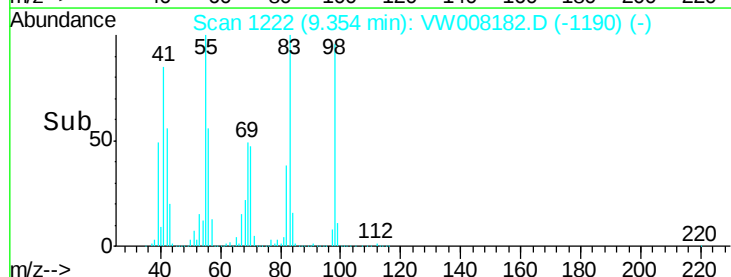
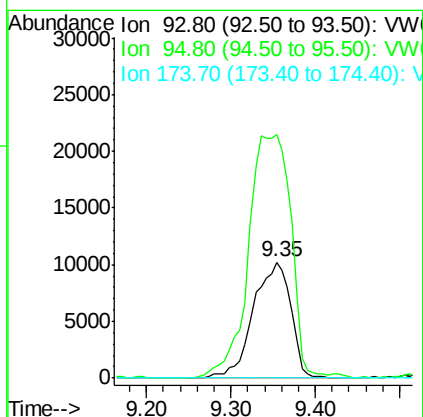
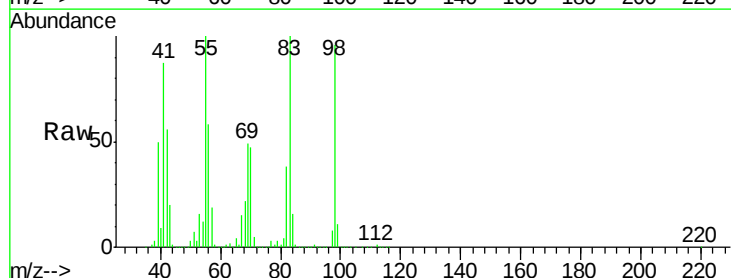
Tgt Ion: 93 Resp: 31006

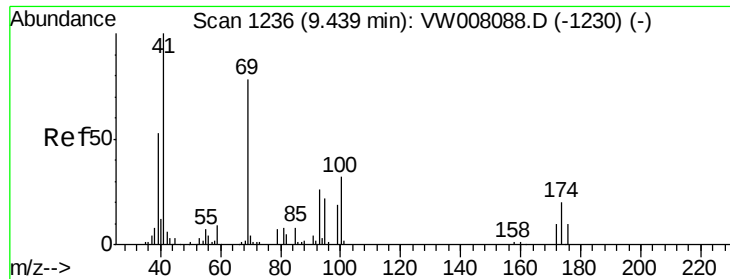
Ion Ratio Lower Upper

93 100

95 238.7 67.5 101.3#

174 0.0 72.5 108.7#

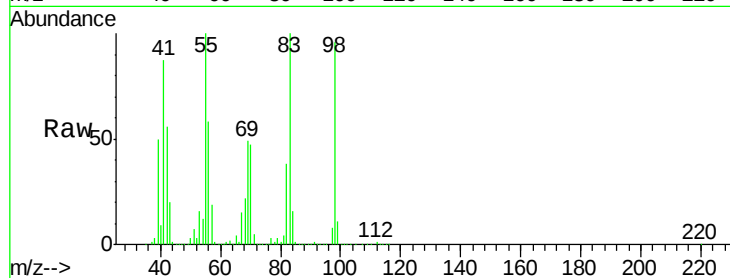




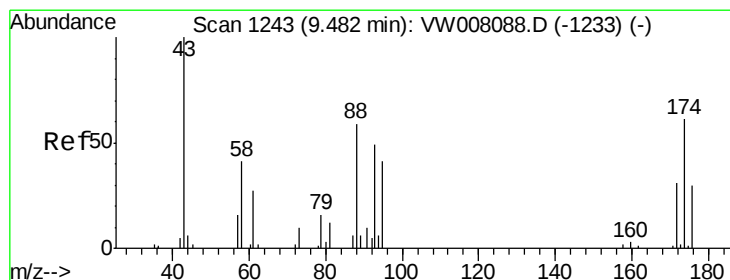
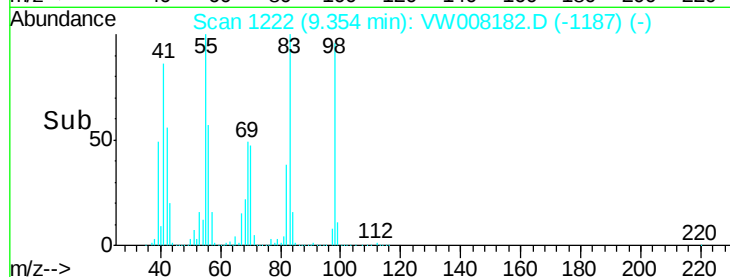
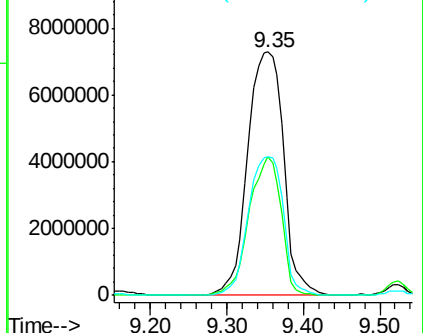
#48
Methyl methacrylate
Concen: 41829.480 ug/l
RT: 9.35 min Scan# 1222
Delta R.T. -0.09 min
Lab File: VW008182.D
Acq: 11 Jan 2019 07:46

Instrument :
MSVOA_W
ClientSampleId :
CPSB-18(15-20)

Tgt Ion: 41 Resp:23878689
Ion Ratio Lower Upper
41 100
69 51.0 61.9 92.9#
39 55.5 43.0 64.4

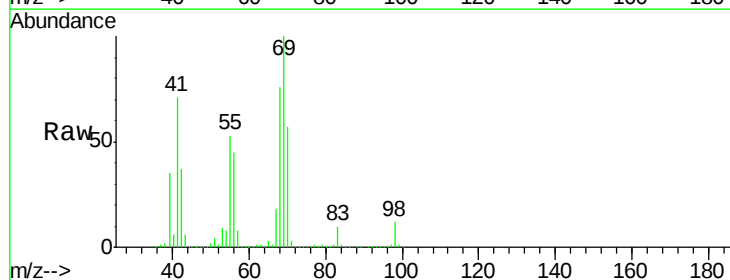


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW

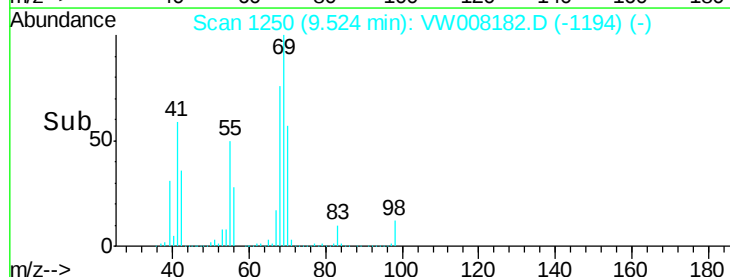
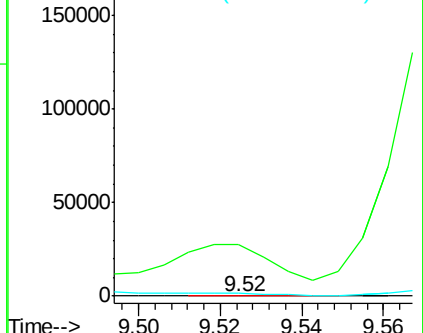


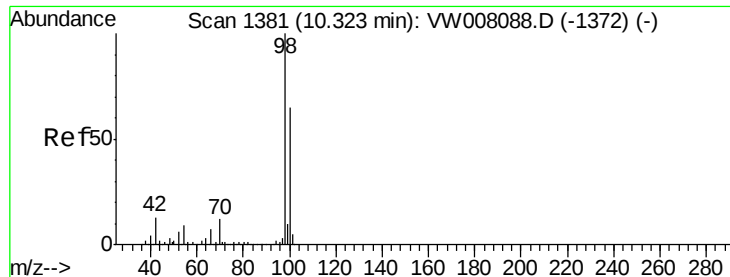
#49
1,4-Dioxane
Concen: 7.604 ug/l
RT: 9.52 min Scan# 1250
Delta R.T. 0.04 min
Lab File: VW008182.D
Acq: 11 Jan 2019 07:46

Tgt Ion: 88 Resp: 61
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 61.7 92.5#



Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 138.194 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008182.D

Acq: 11 Jan 2019 07:46

Instrument :

MSVOA_W

ClientSampleId :

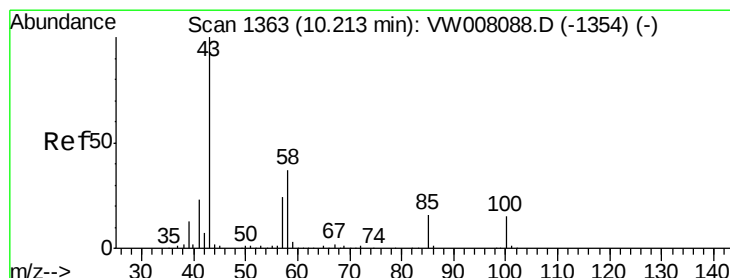
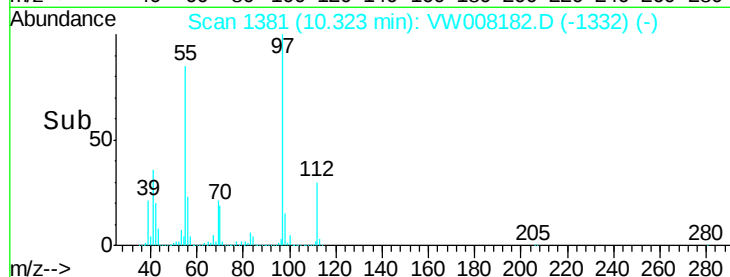
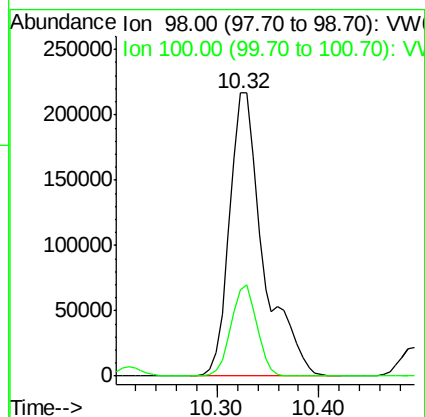
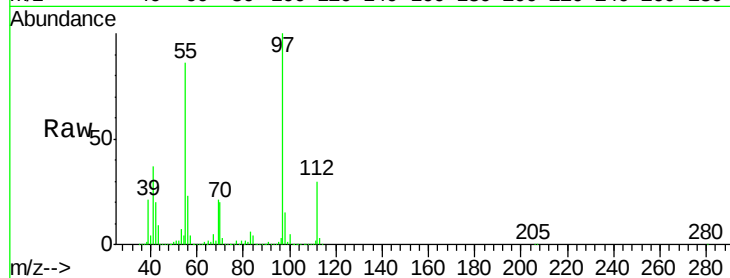
CPSB-18(15-20)

Tgt Ion: 98 Resp: 495914

Ion Ratio Lower Upper

98 100

100 24.6 51.7 77.5#



#51

4-Methyl-2-Pentanone

Concen: 172.639 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW008182.D

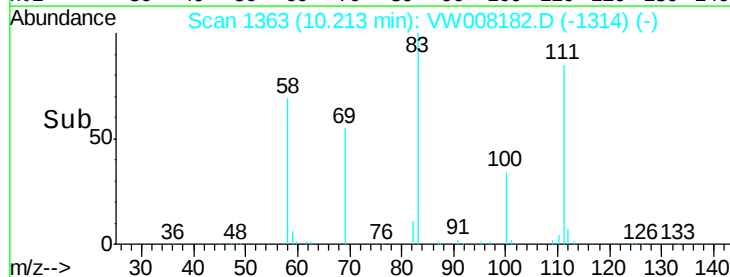
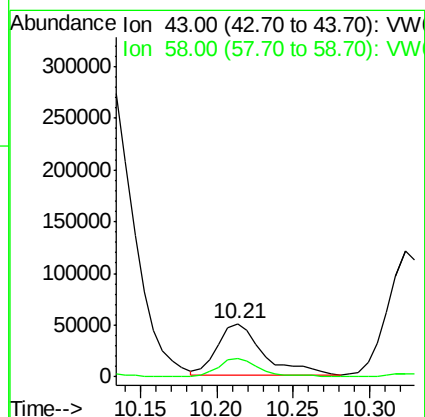
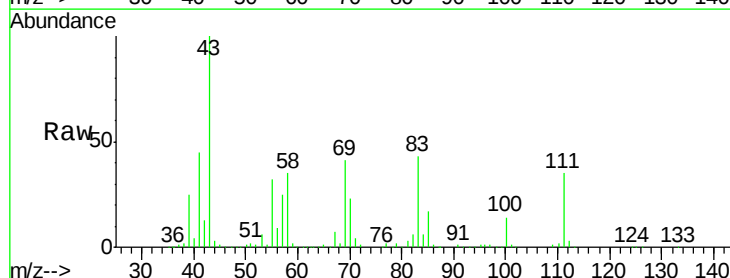
Acq: 11 Jan 2019 07:46

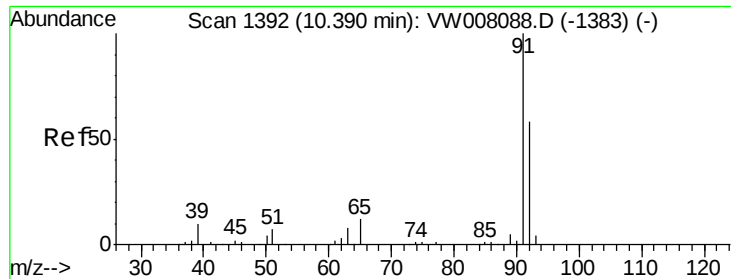
Tgt Ion: 43 Resp: 101100

Ion Ratio Lower Upper

43 100

58 33.2 30.6 46.0





#52

Toluene

Concen: 863.934 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW008182.D

Acq: 11 Jan 2019 07:46

Instrument :

MSVOA_W

ClientSampleId :

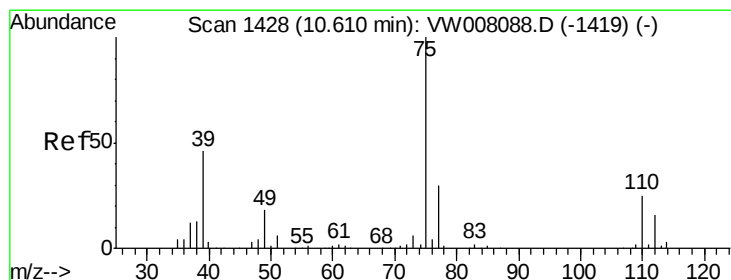
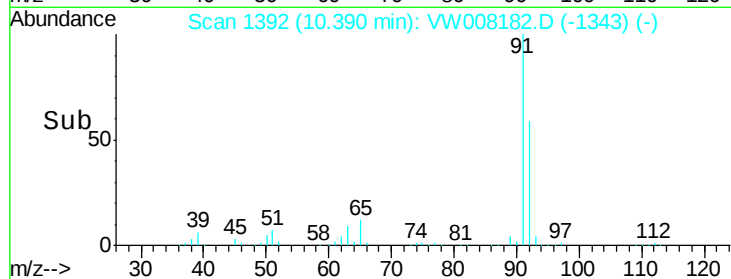
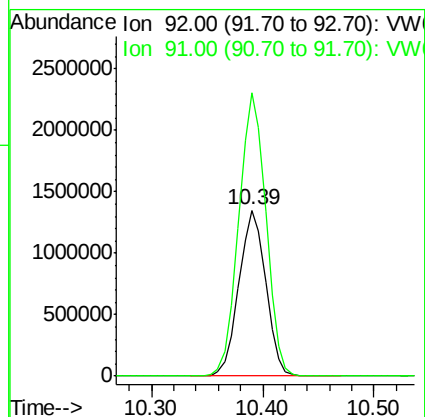
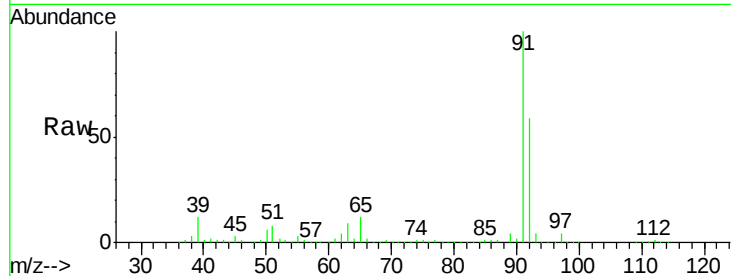
CPSB-18(15-20)

Tgt Ion: 92 Resp: 2260200

Ion Ratio Lower Upper

92 100

91 171.8 137.0 205.4



#53

t-1,3-Dichloropropene

Concen: 20.732 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.22 min

Lab File: VW008182.D

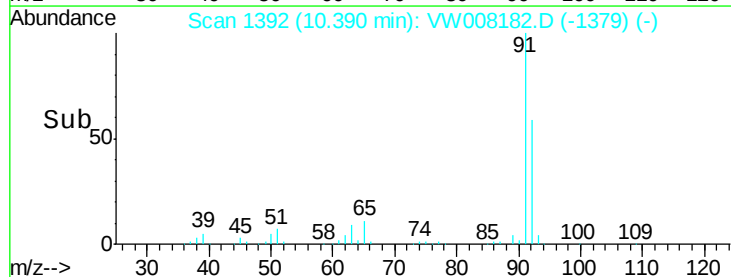
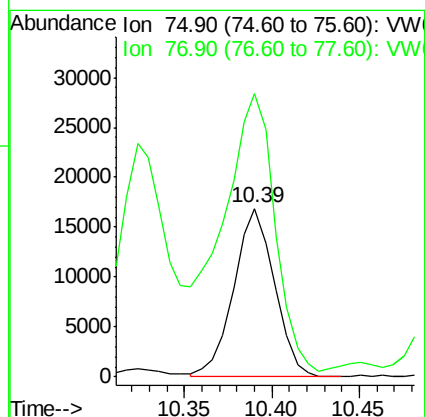
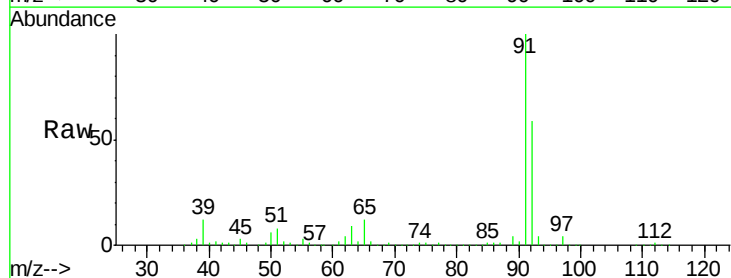
Acq: 11 Jan 2019 07:46

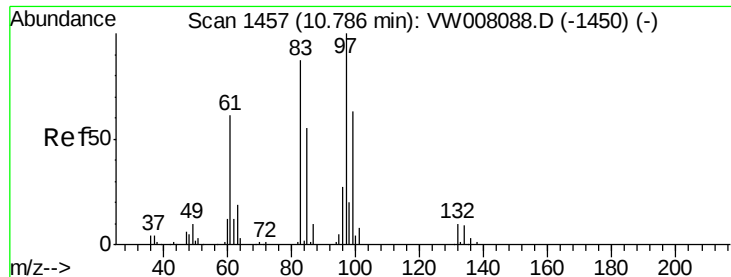
Tgt Ion: 75 Resp: 27315

Ion Ratio Lower Upper

75 100

77 161.6 24.4 36.6#





#55

1,1,2-Trichloroethane

Concen: 441.352 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.02 min

Lab File: VW008182.D

Acq: 11 Jan 2019 07:46

Instrument :

MSVOA_W

ClientSampleId :

CPSB-18(15-20)

Tgt Ion: 97 Resp: 309111

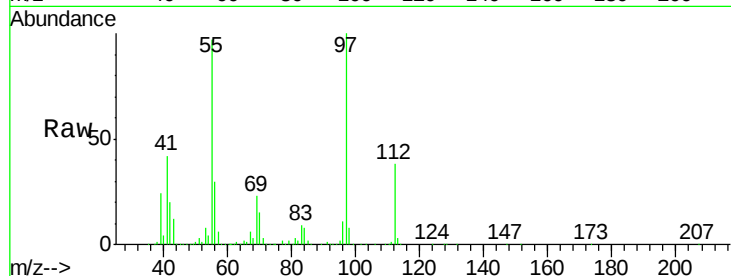
Ion Ratio Lower Upper

97 100

83 8.6 69.3 103.9#

85 1.7 43.8 65.6#

99 0.2 50.0 75.0#

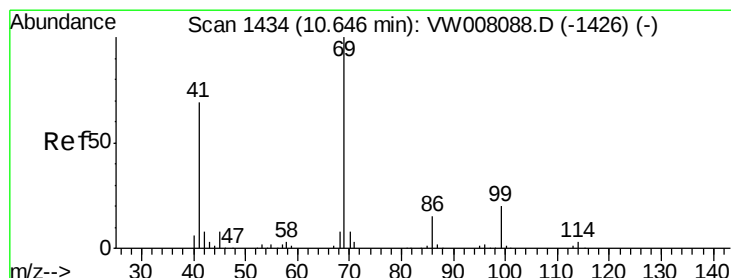
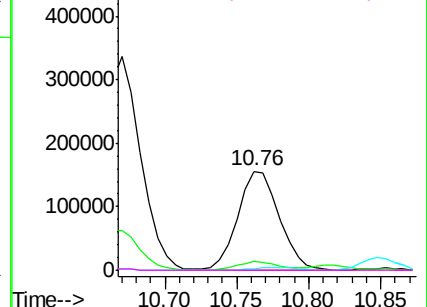
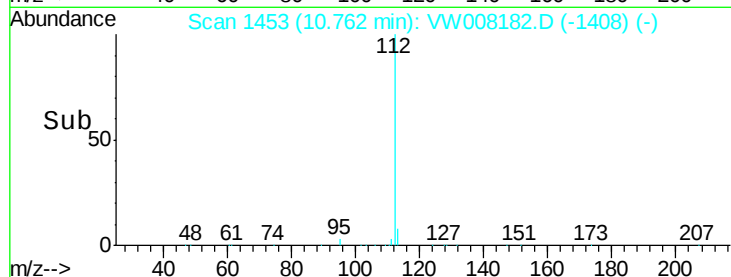


Abundance Ion 96.90 (96.60 to 97.60): VW

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: 263.563 ug/l

RT: 10.67 min Scan# 1438

Delta R.T. 0.02 min

Lab File: VW008182.D

Acq: 11 Jan 2019 07:46

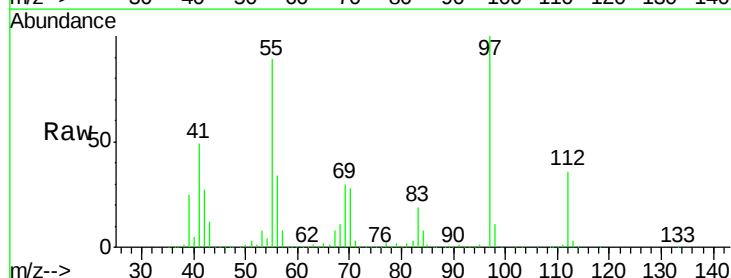
Tgt Ion: 69 Resp: 228601

Ion Ratio Lower Upper

69 100

41 138.4 56.4 84.6#

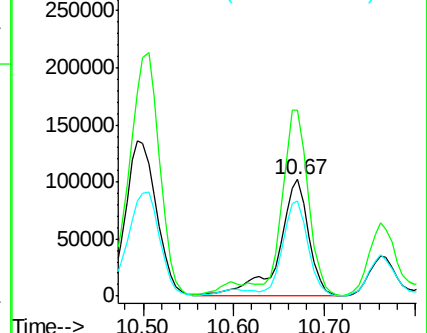
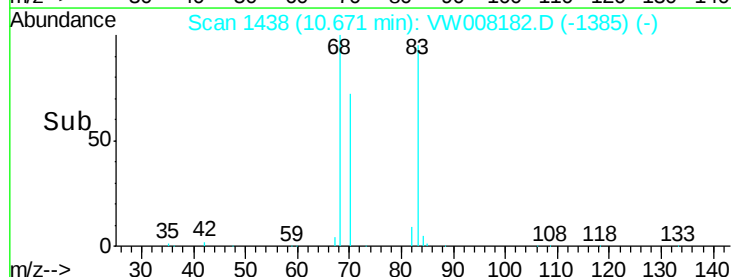
39 69.3 28.1 42.1#

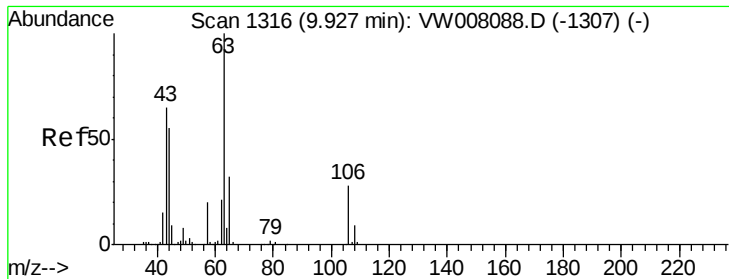


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

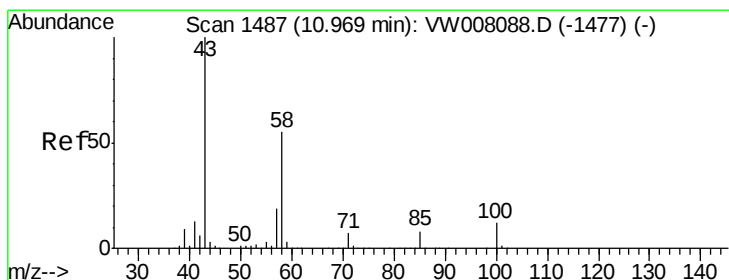
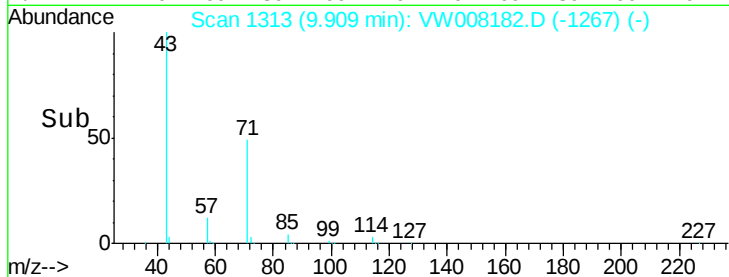
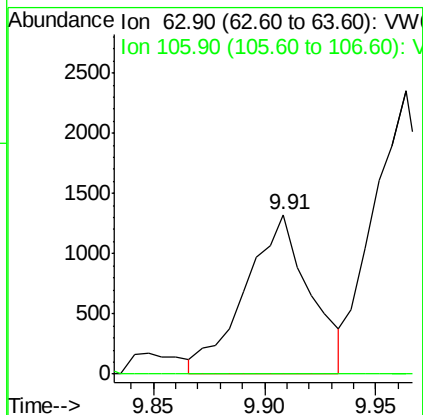
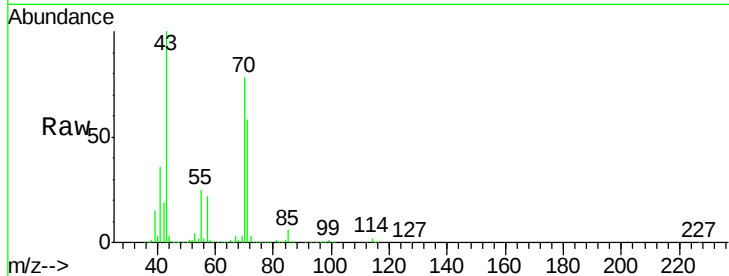




#58
 2-Chloroethyl Vinyl ether
 Concen: 5.957 ug/l
 RT: 9.91 min Scan# 1313
 Delta R.T. -0.02 min
 Lab File: VW008182.D
 Acq: 11 Jan 2019 07:46

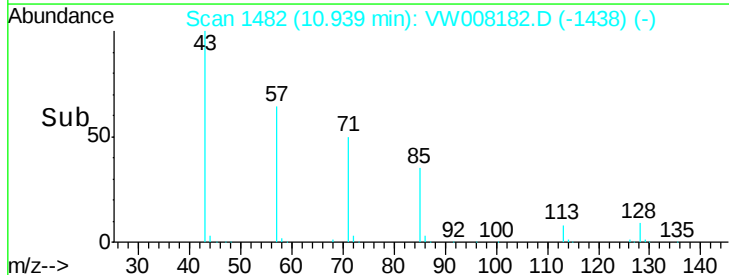
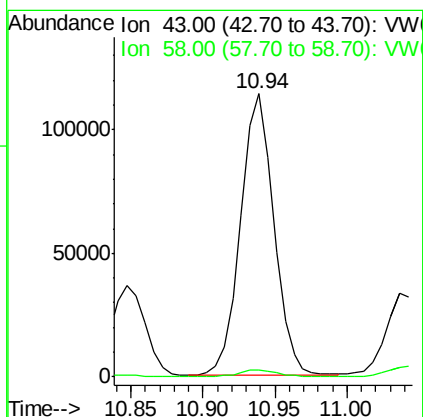
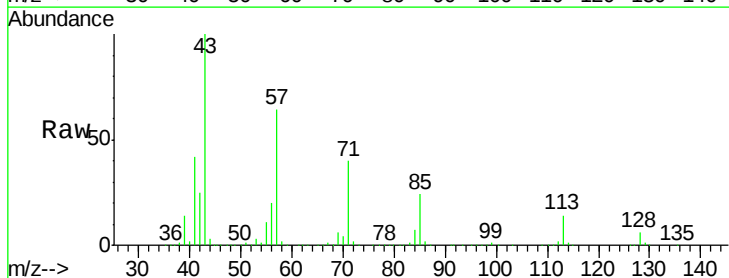
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-18(15-20)

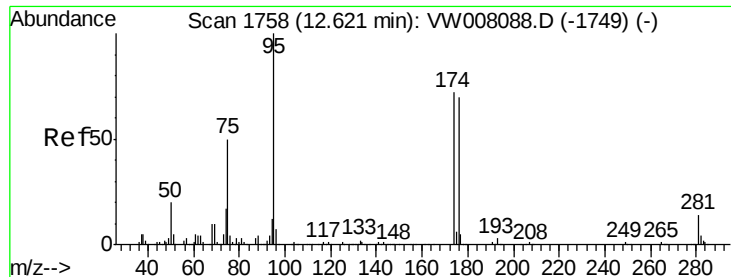
Tgt Ion: 63 Resp: 2669
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.8 32.6#



#59
 2-Hexanone
 Concen: 462.190 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.03 min
 Lab File: VW008182.D
 Acq: 11 Jan 2019 07:46

Tgt Ion: 43 Resp: 183036
 Ion Ratio Lower Upper
 43 100
 58 2.9 27.2 81.5#





#62

4-Bromofluorobenzene

Concen: 62.076 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008182.D

Acq: 11 Jan 2019 07:46

Instrument :

MSVOA_W

ClientSampleId :

CPSB-18(15-20)

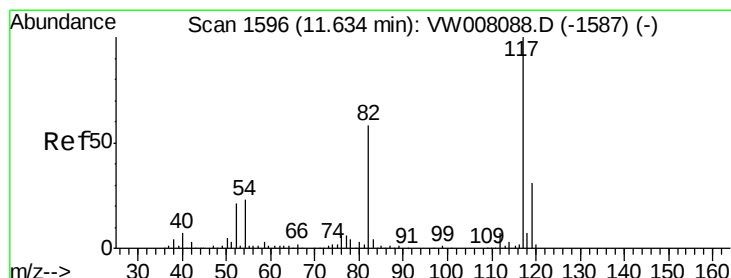
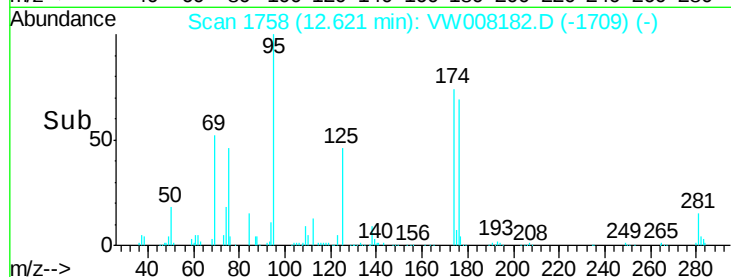
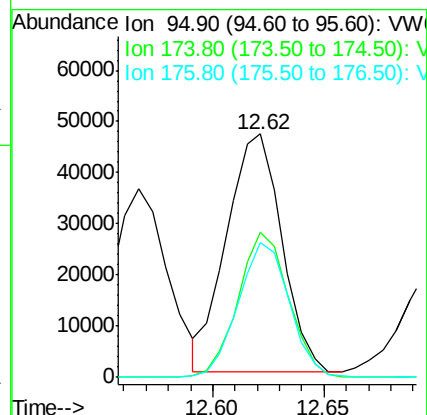
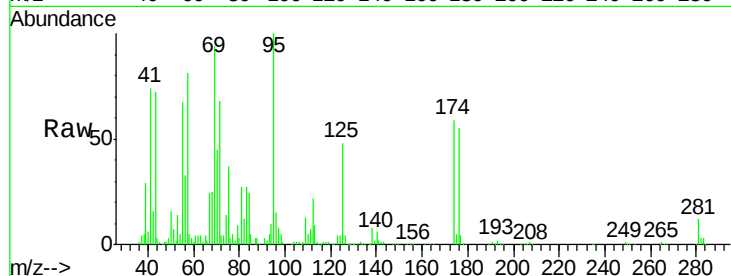
Tgt Ion: 95 Resp: 79860

Ion Ratio Lower Upper

95 100

174 56.2 0.0 143.0

176 52.9 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: VW008182.D

Acq: 11 Jan 2019 07:46

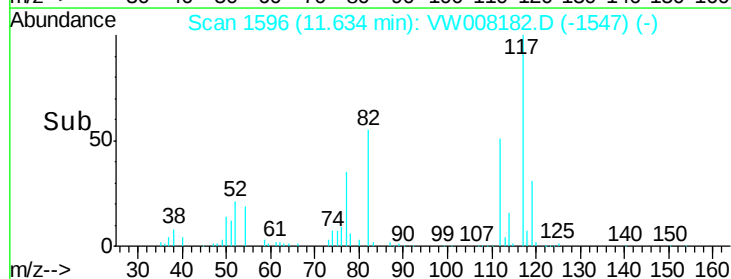
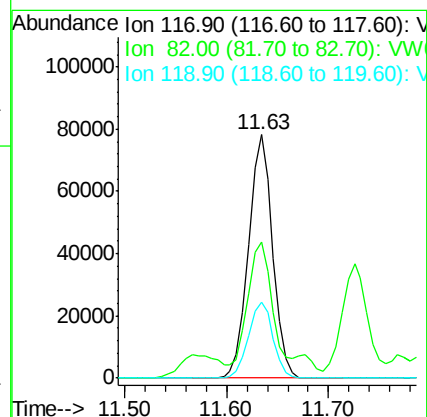
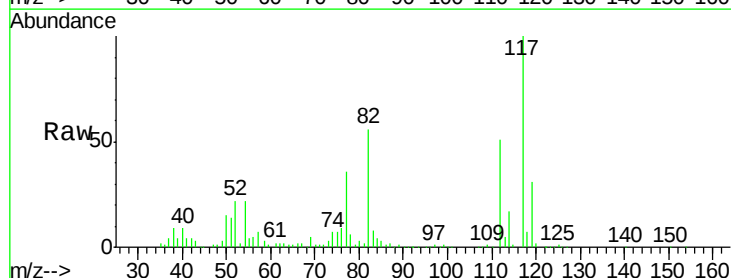
Tgt Ion: 117 Resp: 127674

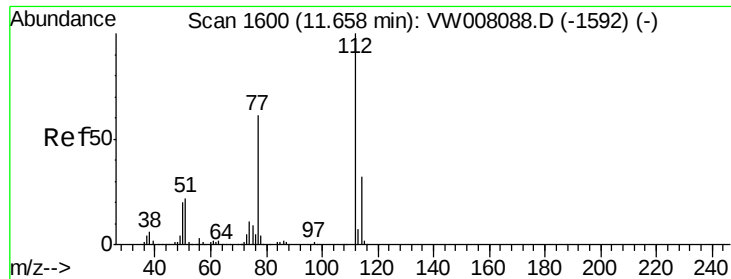
Ion Ratio Lower Upper

117 100

82 46.3 46.4 69.6#

119 31.1 24.7 37.1

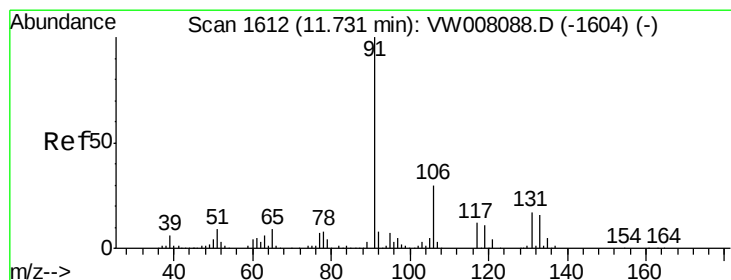
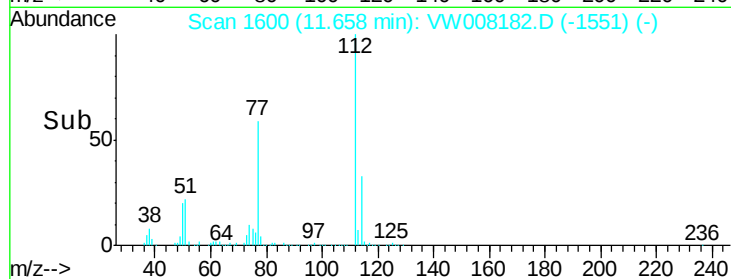
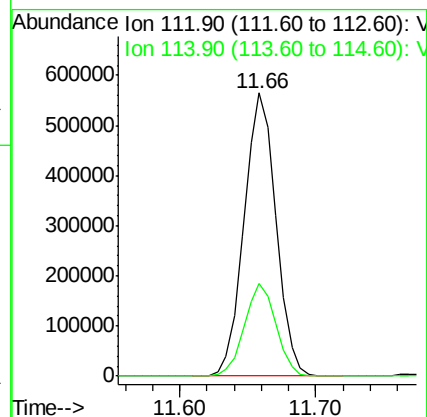
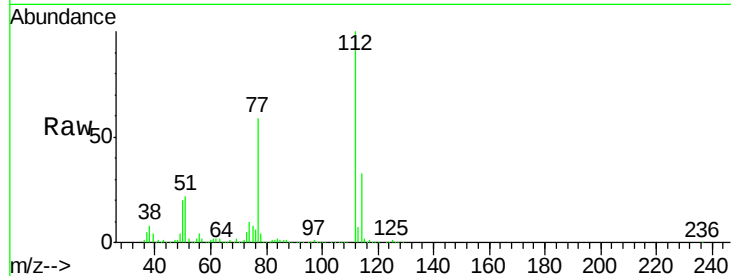




#65
Chlorobenzene
Concen: 342.353 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008182.D
Acq: 11 Jan 2019 07:46

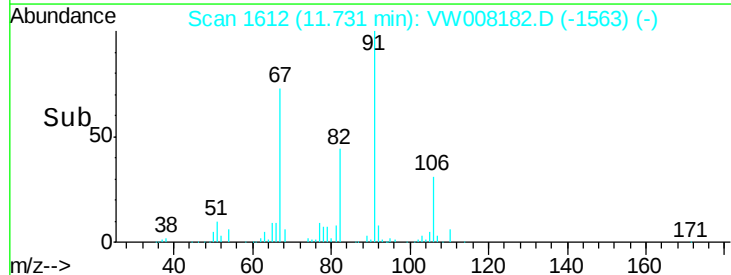
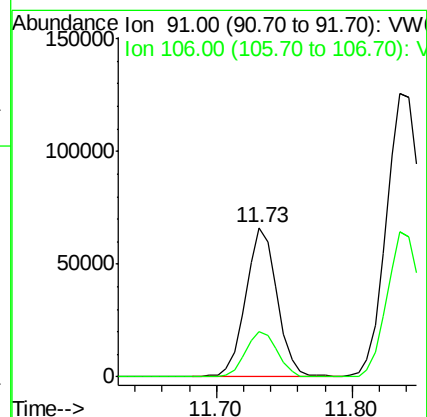
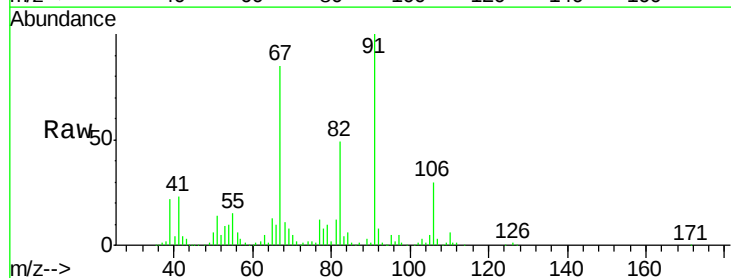
Instrument :
MSVOA_W
ClientSampleId :
CPSB-18(15-20)

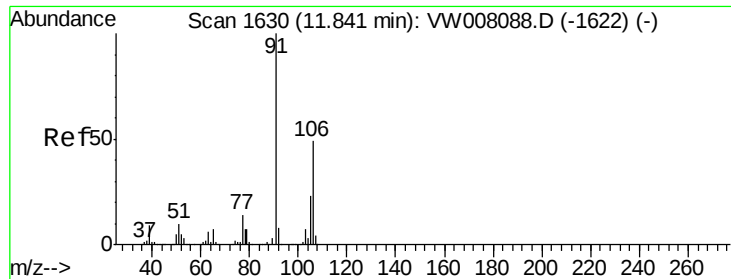
Tgt Ion: 112 Resp: 926020
Ion Ratio Lower Upper
112 100
114 32.5 25.6 38.4



#67
Ethyl Benzene
Concen: 21.381 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008182.D
Acq: 11 Jan 2019 07:46

Tgt Ion: 91 Resp: 105820
Ion Ratio Lower Upper
91 100
106 30.1 24.2 36.4

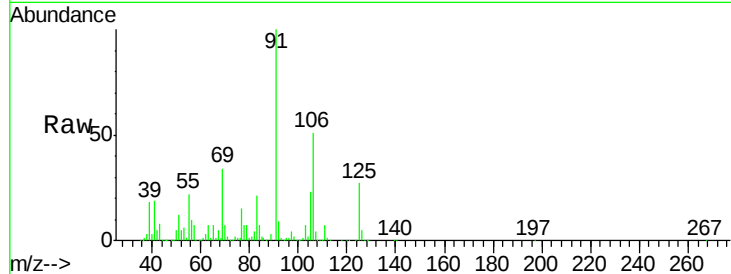




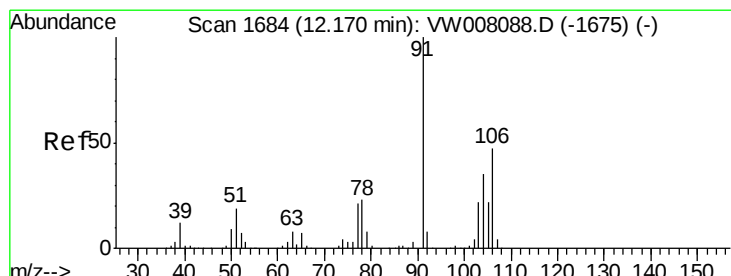
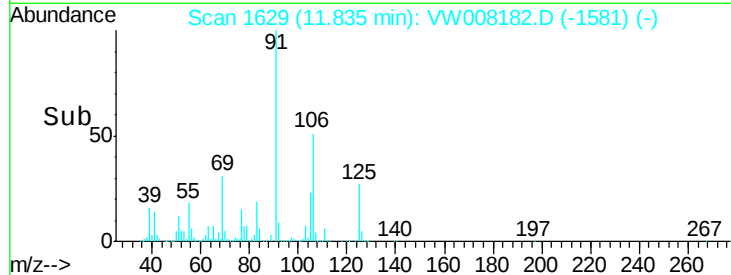
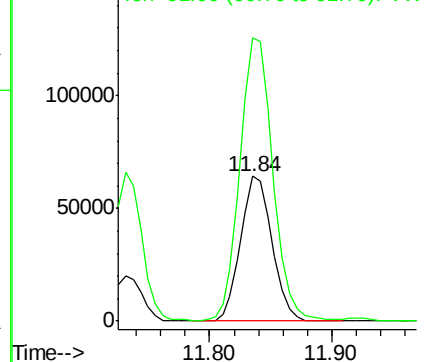
#68
m/p-Xylenes
Concen: 60.583 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008182.D
Acq: 11 Jan 2019 07:46

Instrument :
MSVOA_W
ClientSampleId :
CPSB-18(15-20)

Tgt Ion:106 Resp: 114443
Ion Ratio Lower Upper
106 100
91 202.7 162.4 243.6

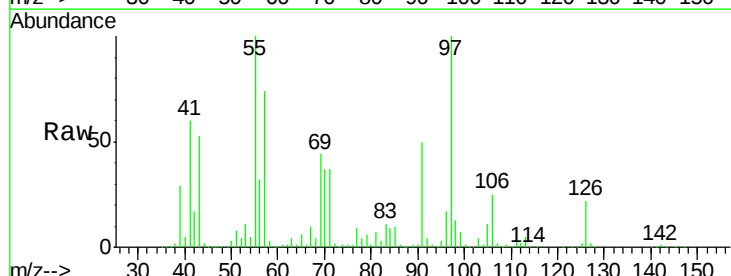


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

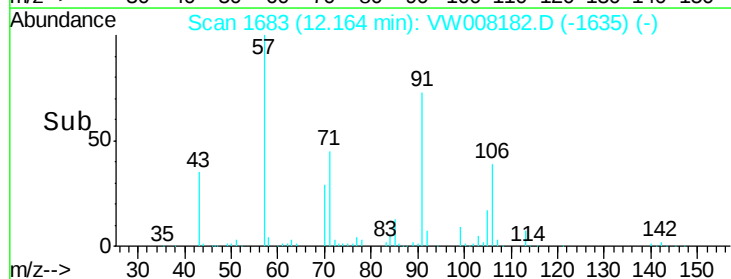
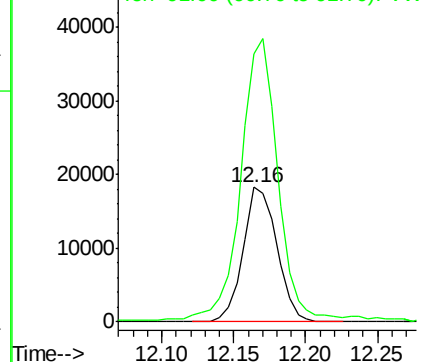


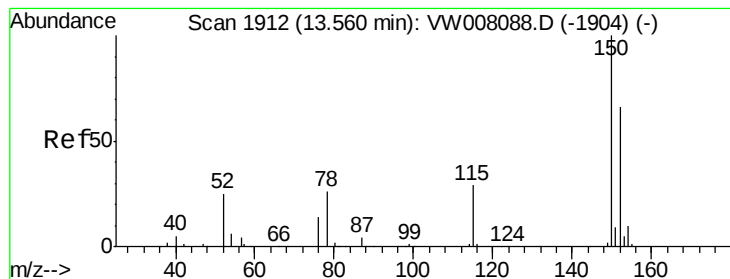
#69
o-Xylene
Concen: 16.971 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008182.D
Acq: 11 Jan 2019 07:46

Tgt Ion:106 Resp: 29688
Ion Ratio Lower Upper
106 100
91 228.4 107.8 323.6



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008182.D

Acq: 11 Jan 2019 07:46

Instrument :

MSVOA_W

ClientSampleId :

CPSB-18(15-20)

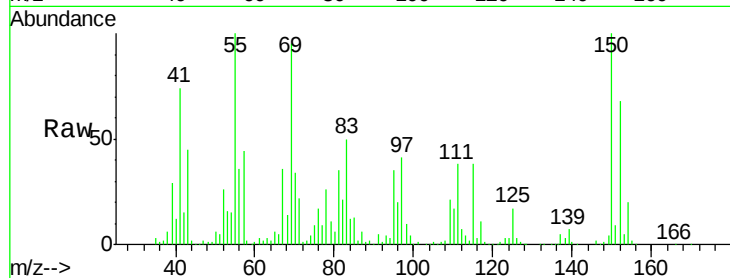
Tgt Ion:152 Resp: 60385

Ion Ratio Lower Upper

152 100

115 47.0 30.8 92.4

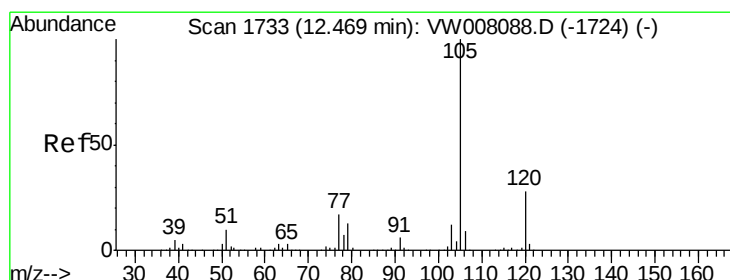
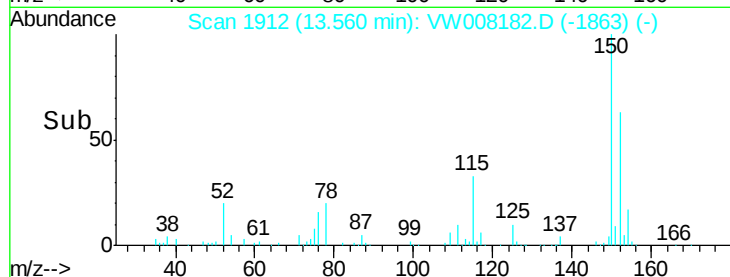
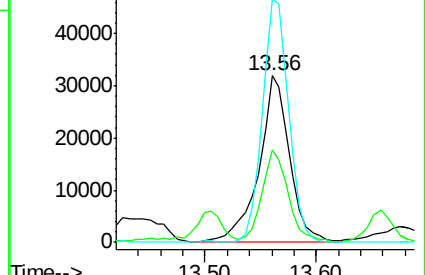
150 127.5 0.0 350.2



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: 79.228 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW008182.D

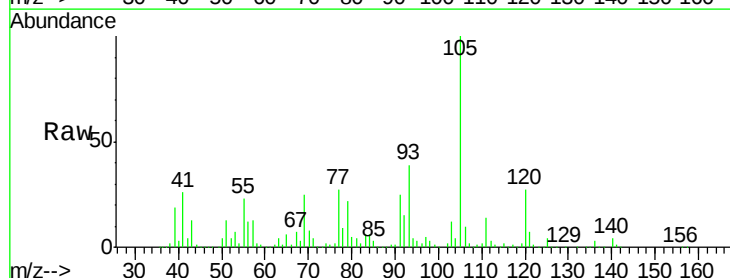
Acq: 11 Jan 2019 07:46

Tgt Ion:105 Resp: 375604

Ion Ratio Lower Upper

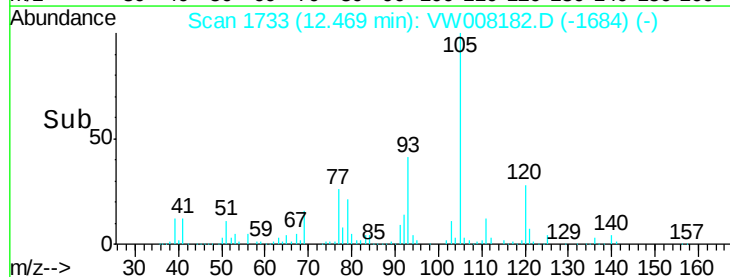
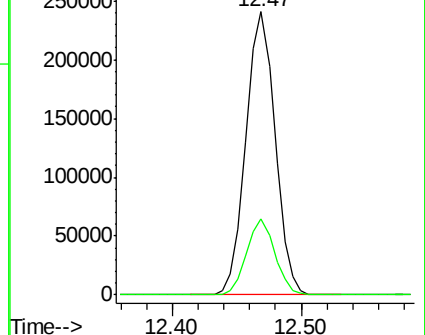
105 100

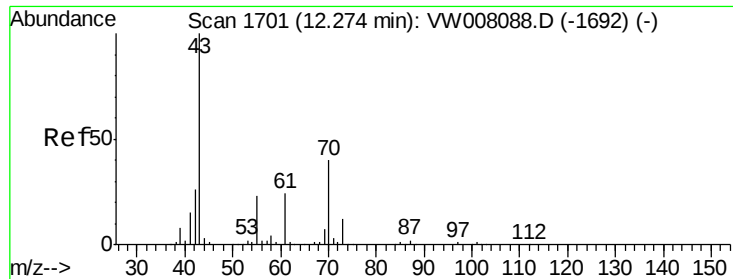
120 26.1 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

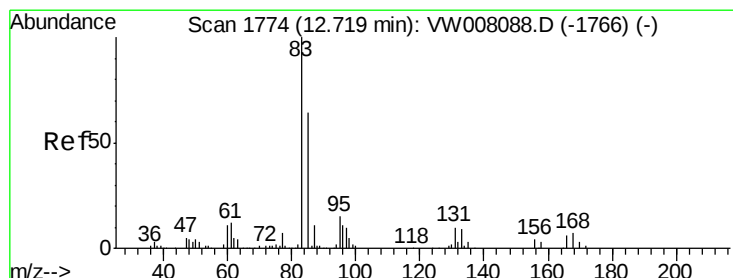
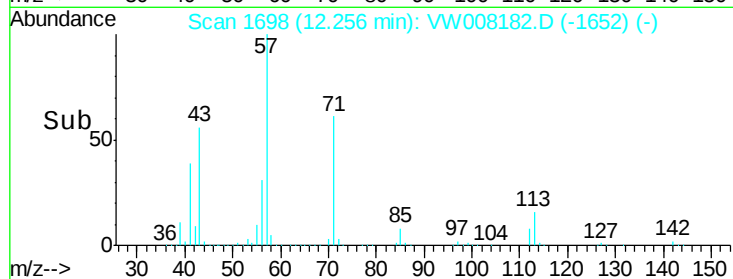
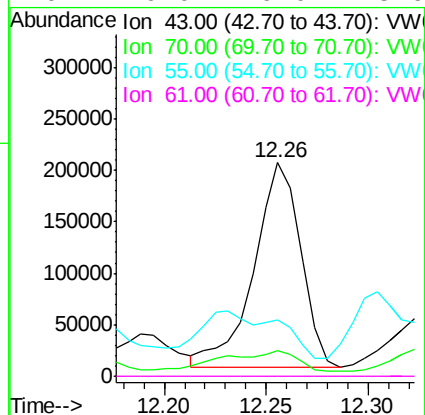
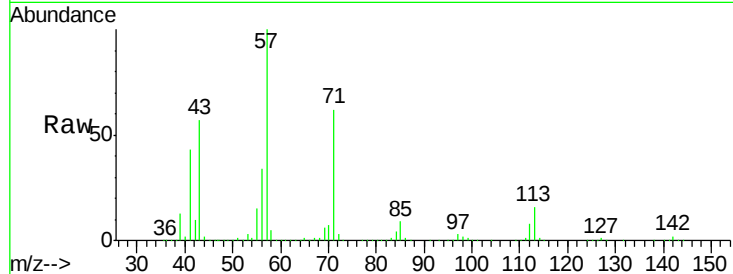




#74
N-ethyl acetate
Concen: 301.454 ug/l
RT: 12.26 min Scan# 1698
Delta R.T. -0.02 min
Lab File: VW008182.D
Acq: 11 Jan 2019 07:46

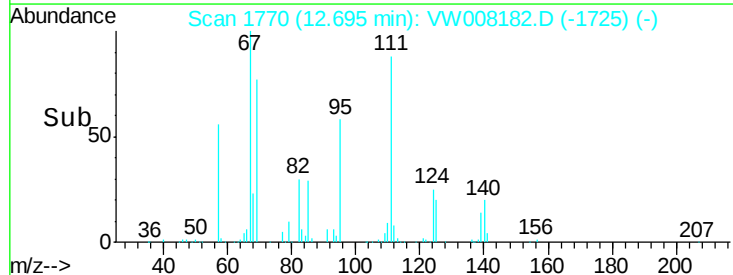
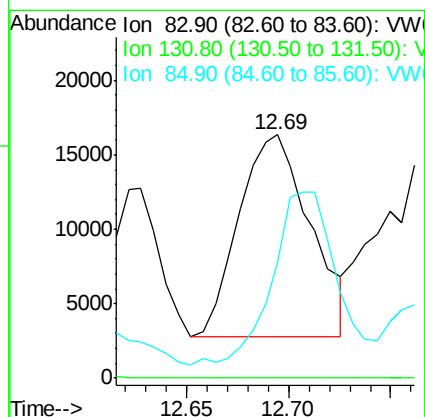
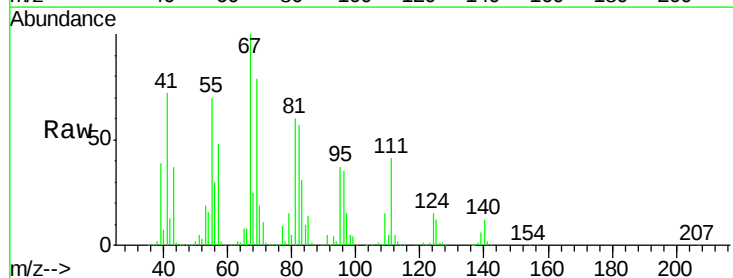
Instrument :
MSVOA_W
ClientSampleId :
CPSB-18(15-20)

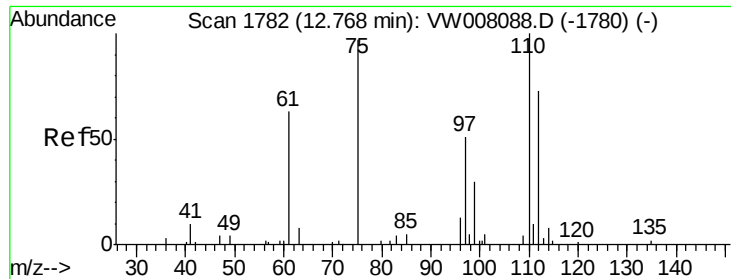
Tgt Ion: 43 Resp: 316488
Ion Ratio Lower Upper
43 100
70 16.6 32.4 48.6#
55 0.0 18.7 28.1#
61 0.0 19.0 28.6#



#75
1,1,2,2-Tetrachloroethane
Concen: 43.408 ug/l
RT: 12.69 min Scan# 1770
Delta R.T. -0.02 min
Lab File: VW008182.D
Acq: 11 Jan 2019 07:46

Tgt Ion: 83 Resp: 32939
Ion Ratio Lower Upper
83 100
131 0.0 5.3 16.1#
85 77.0 32.4 97.2





#76

1,2,3-Trichloropropane

Concen: 8.867 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.04 min

Lab File: VW008182.D

Acq: 11 Jan 2019 07:46

Instrument :

MSVOA_W

ClientSampleId :

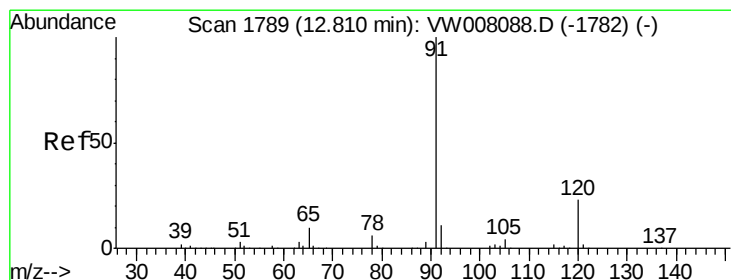
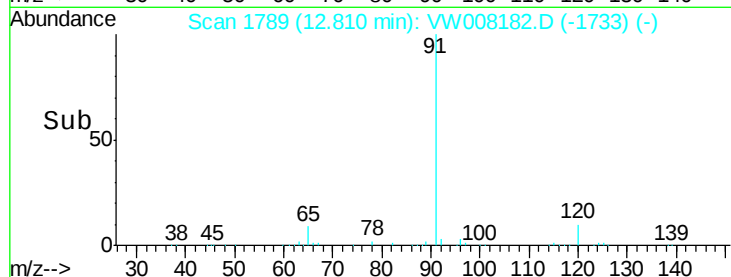
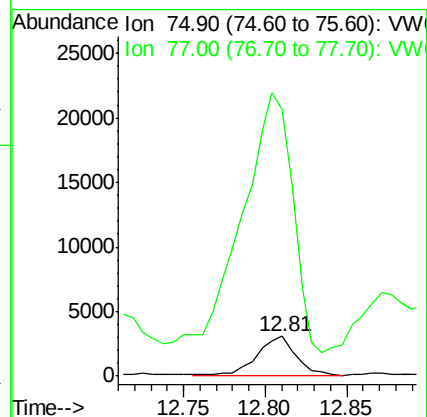
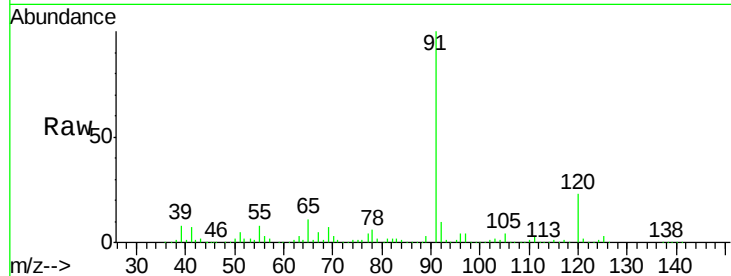
CPSB-18(15-20)

Tgt Ion: 75 Resp: 4881

Ion Ratio Lower Upper

75 100

77 899.7 179.4 538.2#



#78

n-propylbenzene

Concen: 127.126 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW008182.D

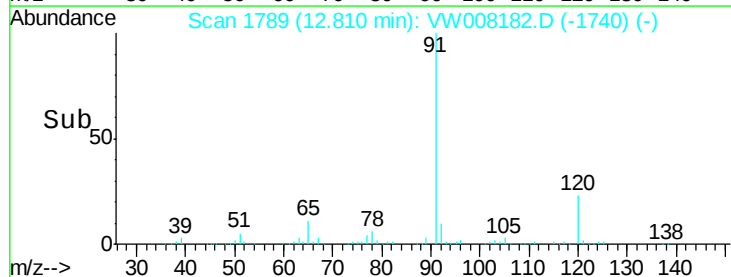
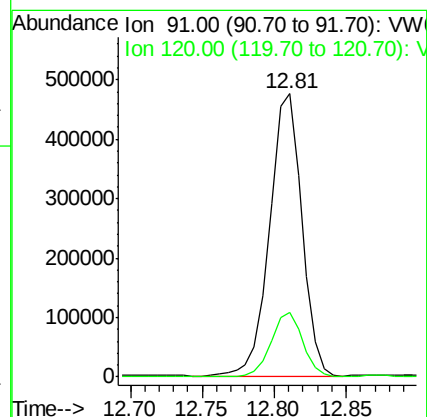
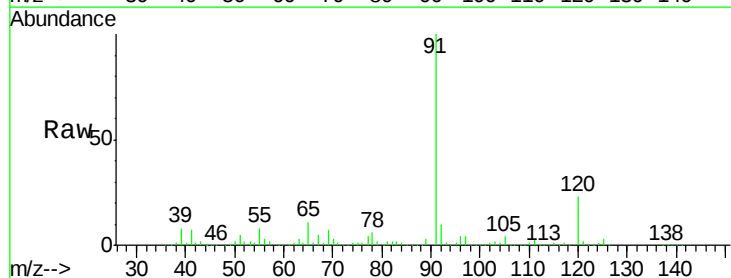
Acq: 11 Jan 2019 07:46

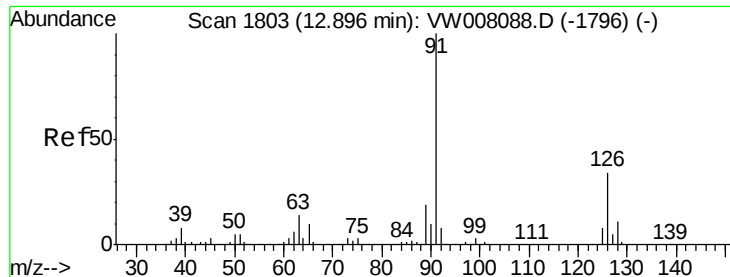
Tgt Ion: 91 Resp: 738446

Ion Ratio Lower Upper

91 100

120 22.3 11.3 33.8

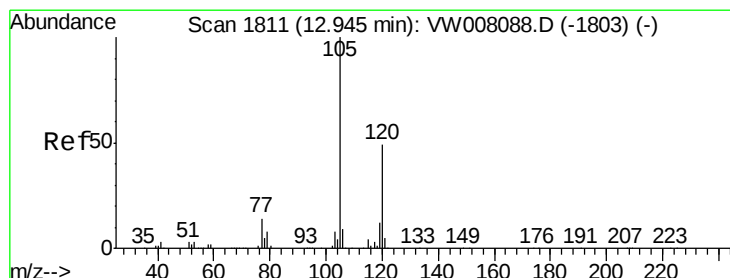
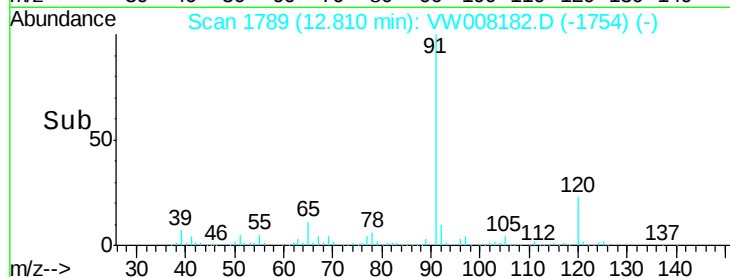
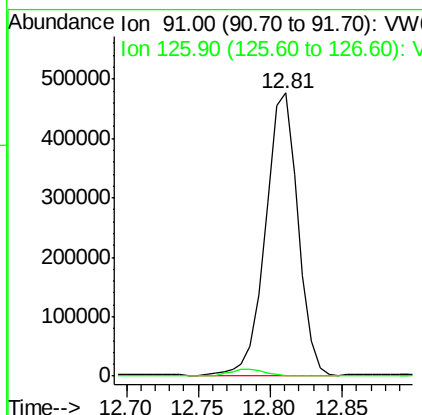
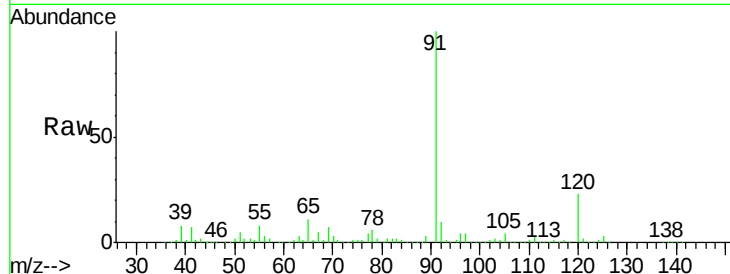




#79
 2-Chlorotoluene
 Concen: 227.862 ug/l
 RT: 12.81 min Scan# 1789
 Delta R.T. -0.09 min
 Lab File: VW008182.D
 Acq: 11 Jan 2019 07:46

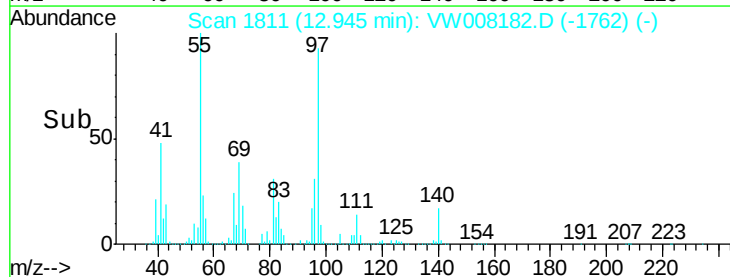
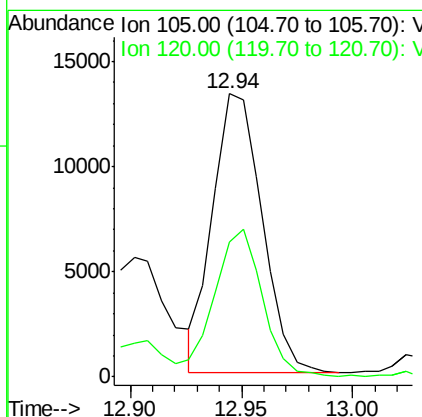
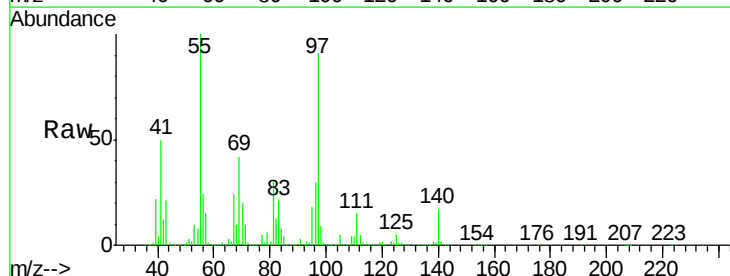
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-18(15-20)

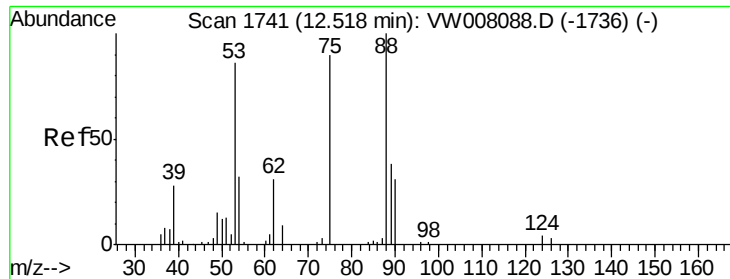
Tgt Ion: 91 Resp: 738446
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.8 50.3#



#80
 1,3,5-Trimethylbenzene
 Concen: 5.222 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW008182.D
 Acq: 11 Jan 2019 07:46

Tgt Ion: 105 Resp: 20343
 Ion Ratio Lower Upper
 105 100
 120 52.3 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 21.477 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.05 min

Lab File: VW008182.D

Acq: 11 Jan 2019 07:46

Instrument :

MSVOA_W

ClientSampleId :

CPSB-18(15-20)

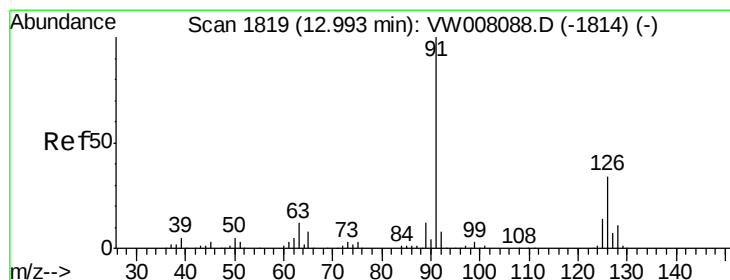
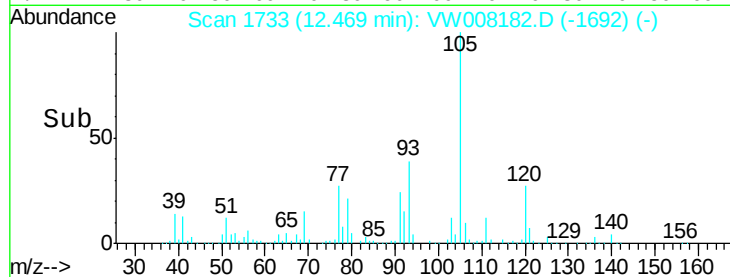
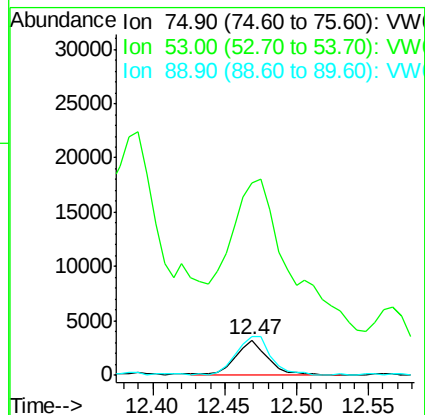
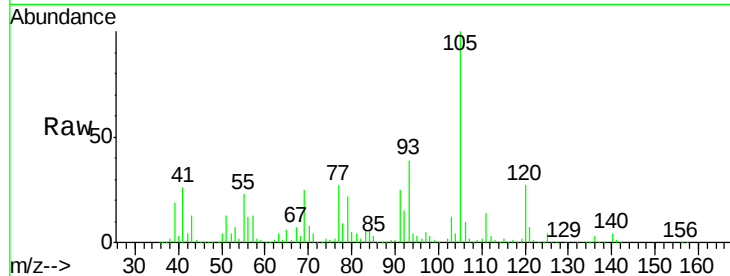
Tgt Ion: 75 Resp: 5077

Ion Ratio Lower Upper

75 100

53 779.4 78.8 118.2#

89 117.2 35.4 53.2#



#82

4-Chlorotoluene

Concen: 216.351 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.18 min

Lab File: VW008182.D

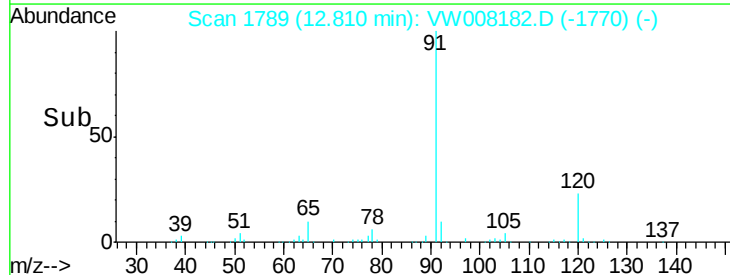
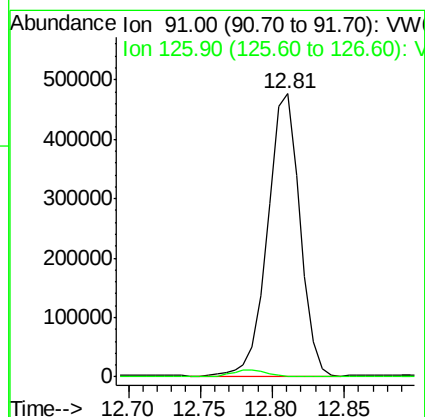
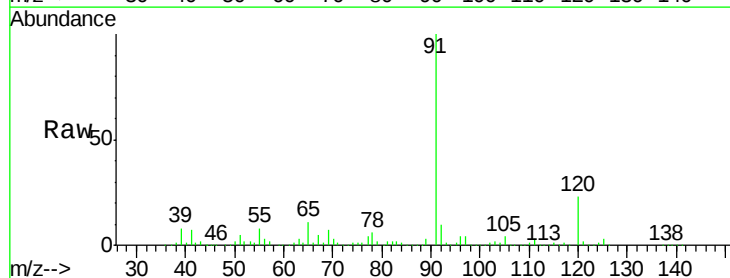
Acq: 11 Jan 2019 07:46

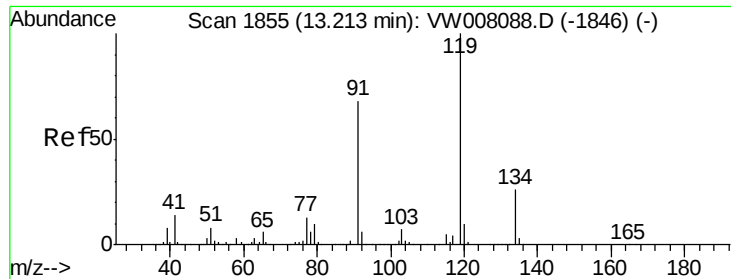
Tgt Ion: 91 Resp: 738446

Ion Ratio Lower Upper

91 100

126 0.0 16.5 49.5#

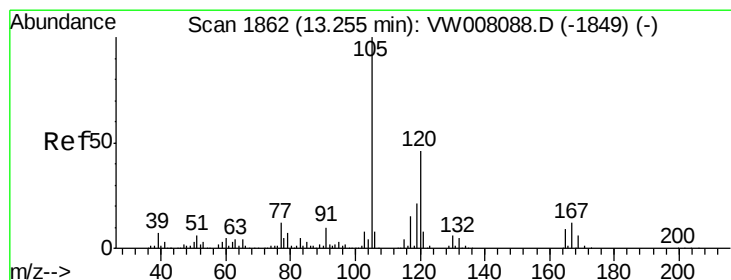
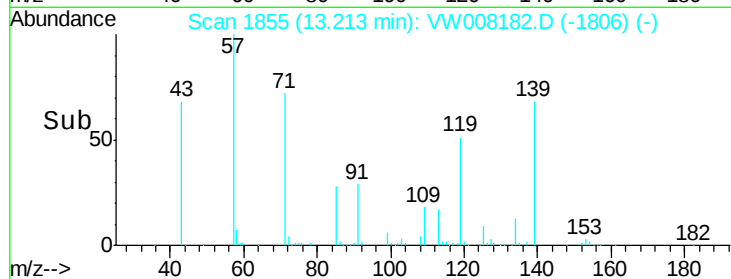
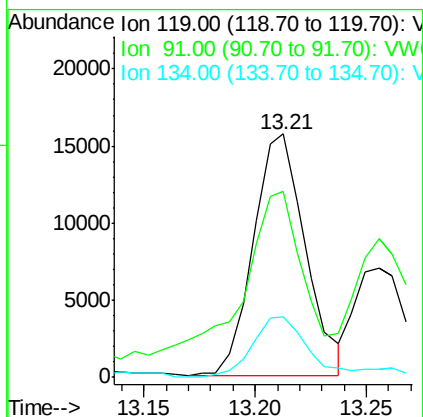
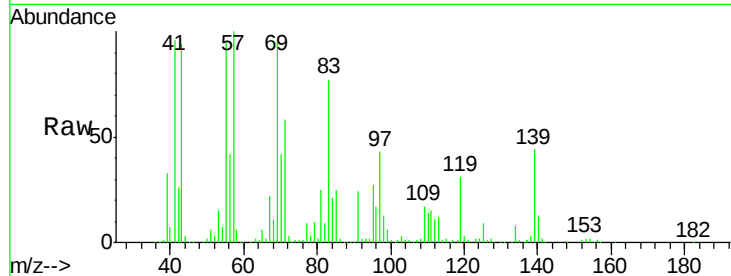




#83
tert-Butylbenzene
Concen: 7.400 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW008182.D
Acq: 11 Jan 2019 07:46

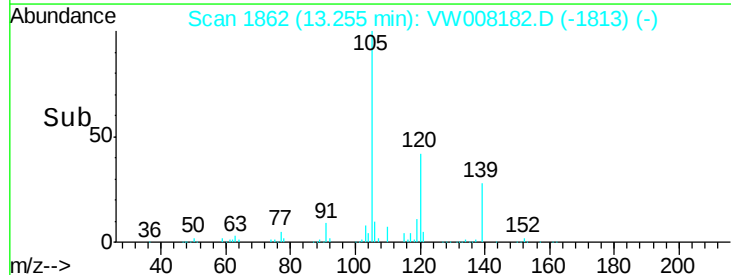
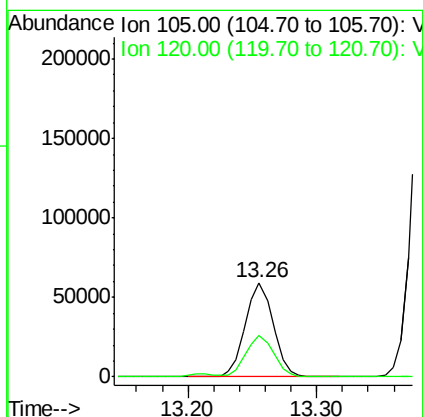
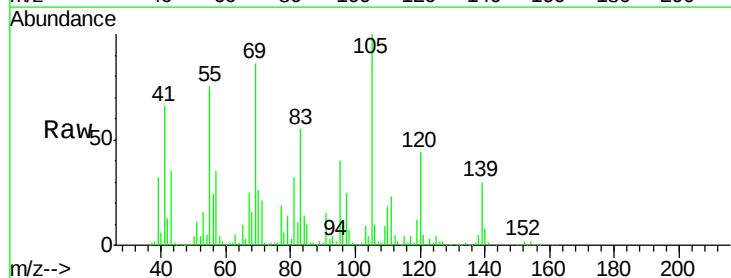
Instrument :
MSVOA_W
ClientSampleId :
CPSB-18(15-20)

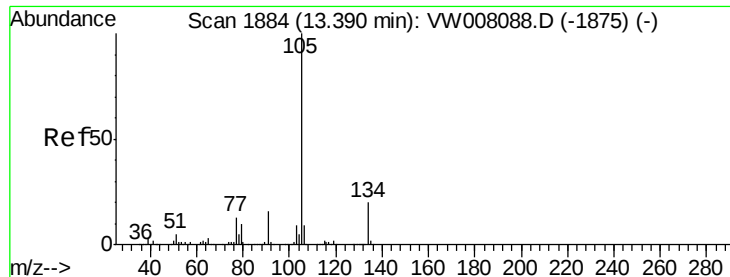
Tgt Ion:119 Resp: 25503
Ion Ratio Lower Upper
119 100
91 77.5 33.9 101.6
134 26.3 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 22.076 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008182.D
Acq: 11 Jan 2019 07:46

Tgt Ion:105 Resp: 88701
Ion Ratio Lower Upper
105 100
120 44.1 22.7 68.1

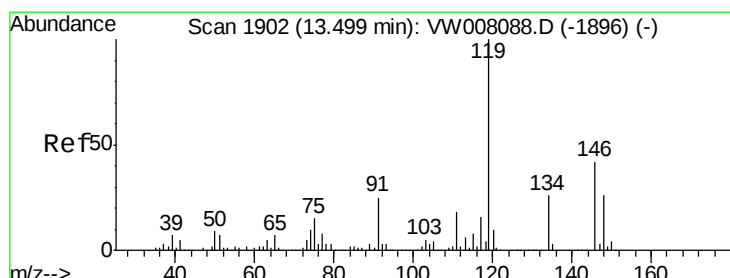
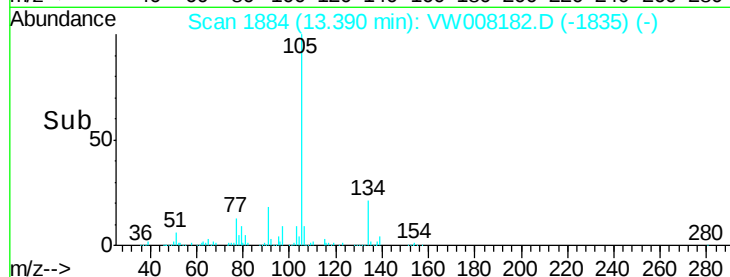
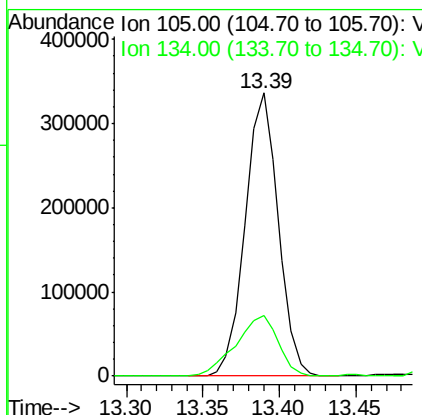
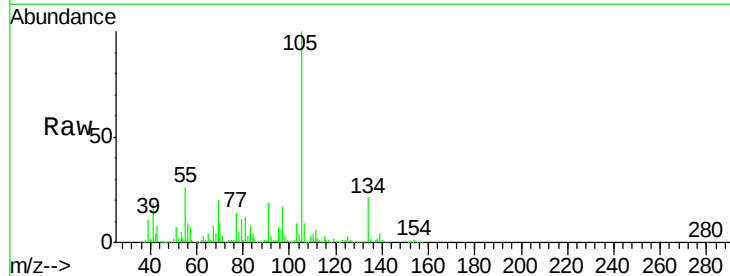




#85
 sec-Butylbenzene
 Concen: 99.724 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW008182.D
 Acq: 11 Jan 2019 07:46

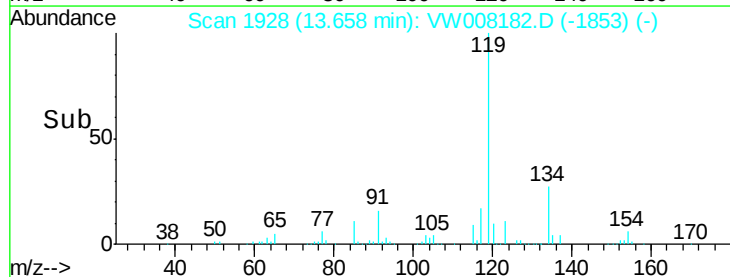
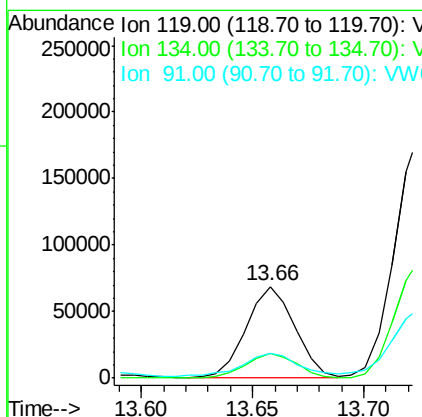
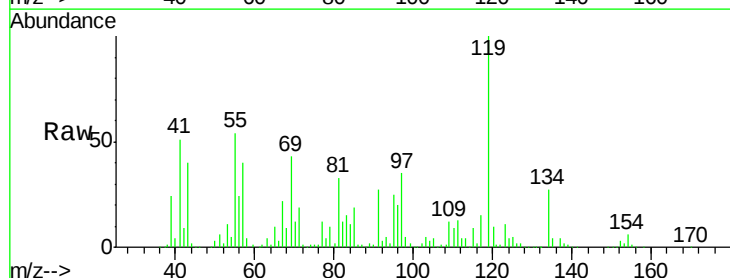
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-18(15-20)

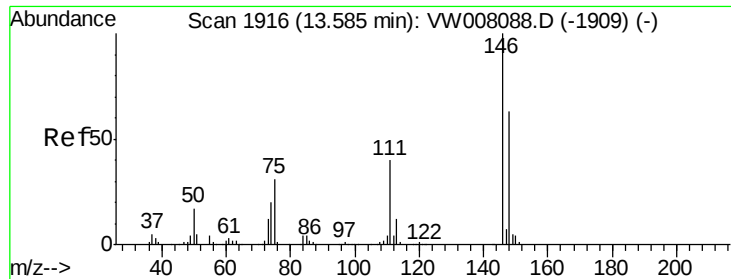
Tgt Ion:105 Resp: 503475
 Ion Ratio Lower Upper
 105 100
 134 27.8 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 23.913 ug/l
 RT: 13.66 min Scan# 1928
 Delta R.T. 0.16 min
 Lab File: VW008182.D
 Acq: 11 Jan 2019 07:46

Tgt Ion:119 Resp: 104256
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.3 39.8
 91 28.2 12.3 36.9





#88

1,4-Dichlorobenzene

Concen: 8.493 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VW008182.D

Acq: 11 Jan 2019 07:46

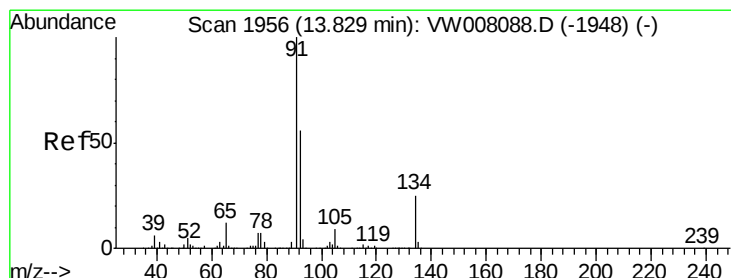
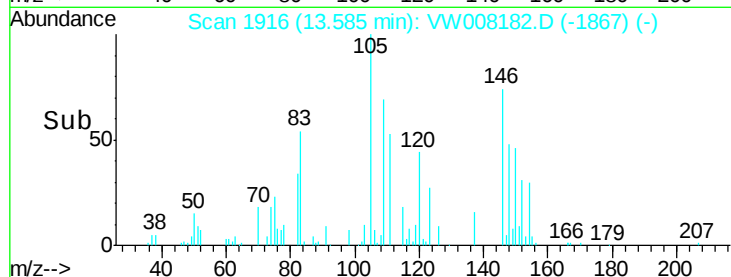
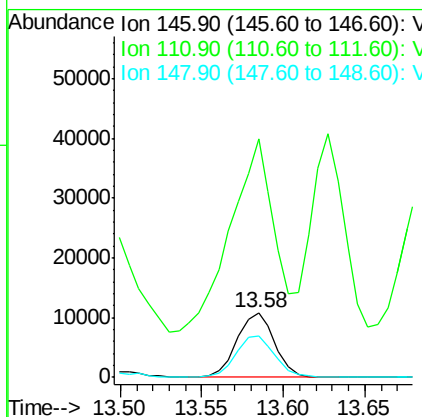
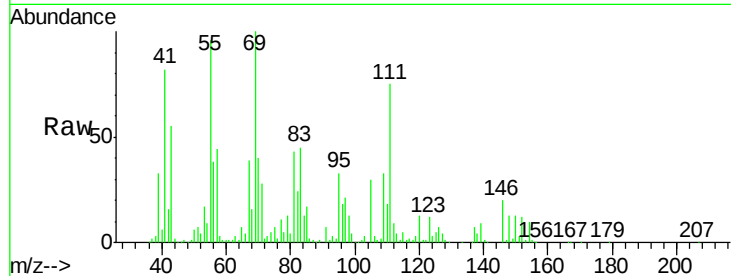
Instrument :

MSVOA_W

ClientSampleId :

CPSB-18(15-20)

Tgt Ion:	146	Resp:	17314
Ion	Ratio	Lower	Upper
146	100		
111	347.3	20.5	61.5#
148	66.6	31.6	94.8



#89

n-Butylbenzene

Concen: 58.209 ug/l

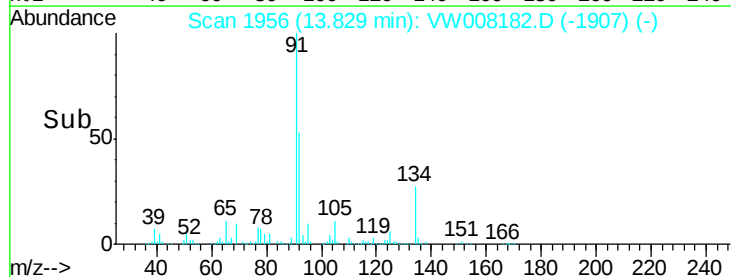
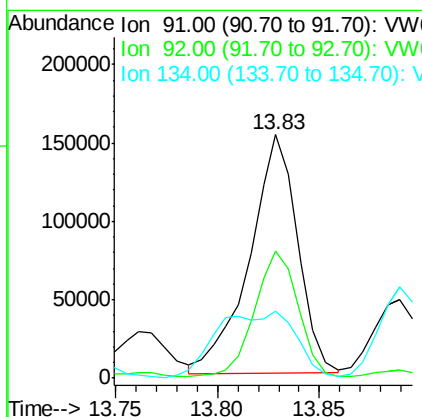
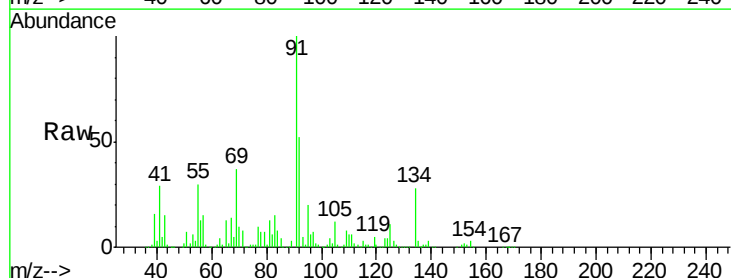
RT: 13.83 min Scan# 1956

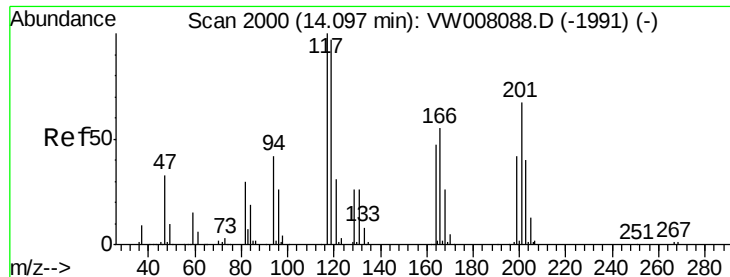
Delta R.T. 0.00 min

Lab File: VW008182.D

Acq: 11 Jan 2019 07:46

Tgt Ion:	91	Resp:	248551
Ion	Ratio	Lower	Upper
91	100		
92	48.8	27.4	82.2
134	23.6	12.6	37.8

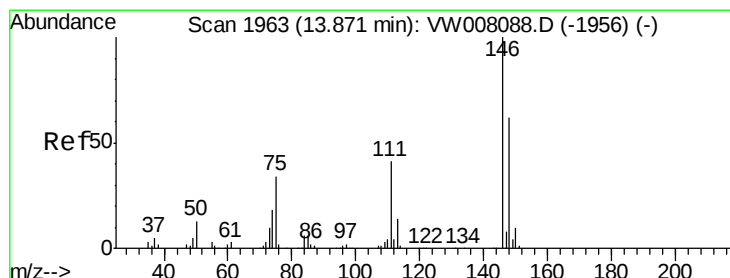
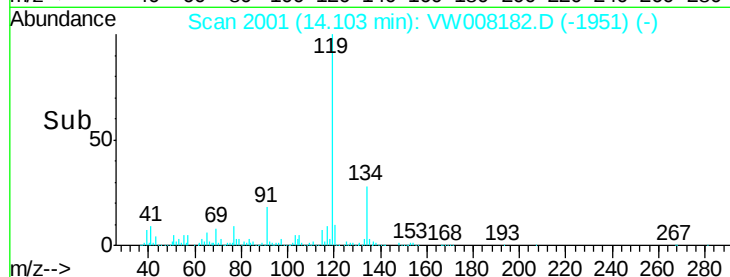
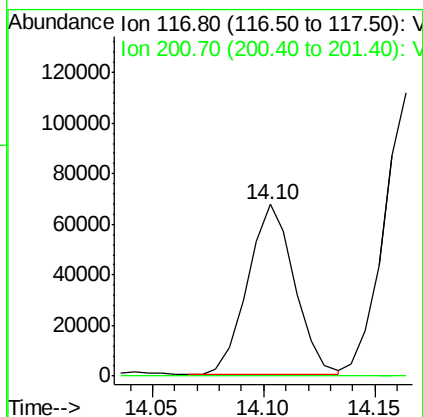
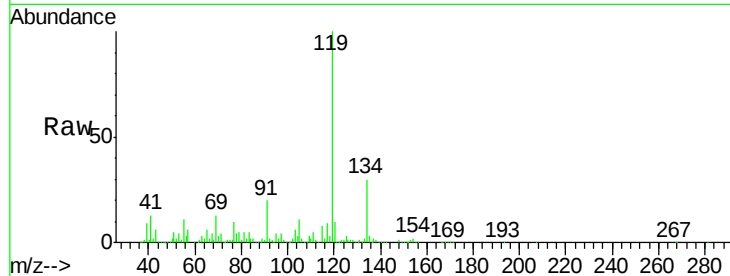




#90
Hexachloroethane
Concen: 134.007 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW008182.D
Acq: 11 Jan 2019 07:46

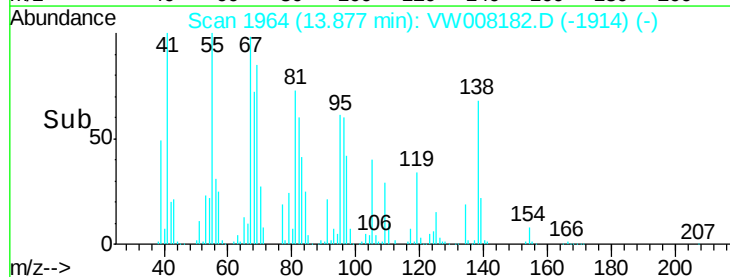
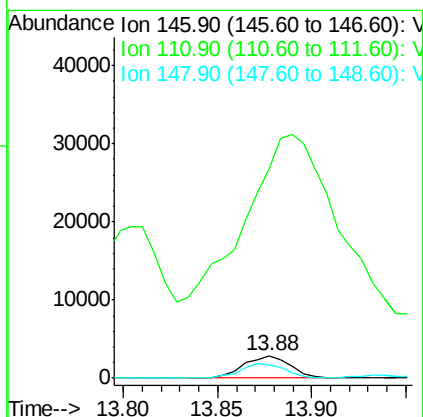
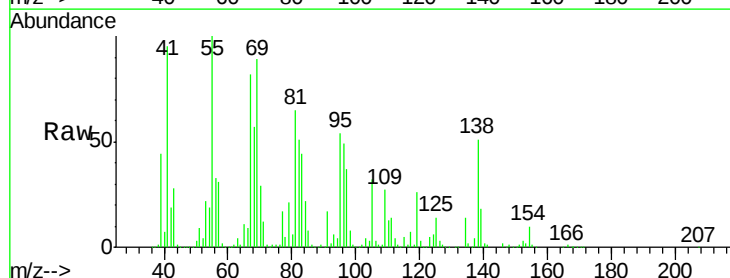
Instrument :
MSVOA_W
ClientSampleId :
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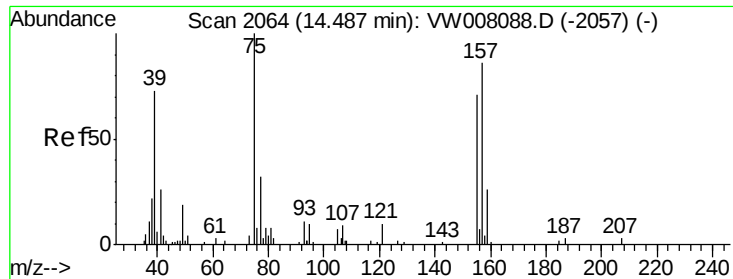
Tgt Ion:117 Resp: 98681
Ion Ratio Lower Upper
117 100
201 0.0 33.0 98.9#



#91
1,2-Dichlorobenzene
Concen: 2.669 ug/l
RT: 13.88 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VW008182.D
Acq: 11 Jan 2019 07:46

Tgt Ion:146 Resp: 4767
Ion Ratio Lower Upper
146 100
111 1845.6 21.3 63.7#
148 66.7 31.5 94.5

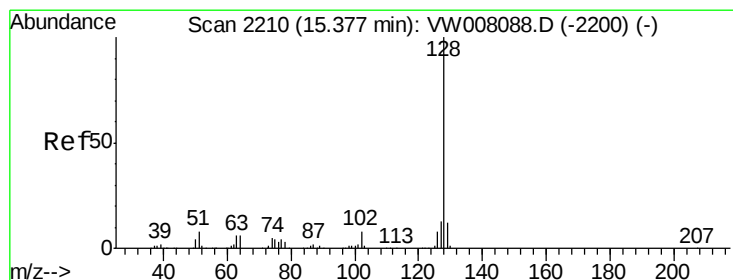
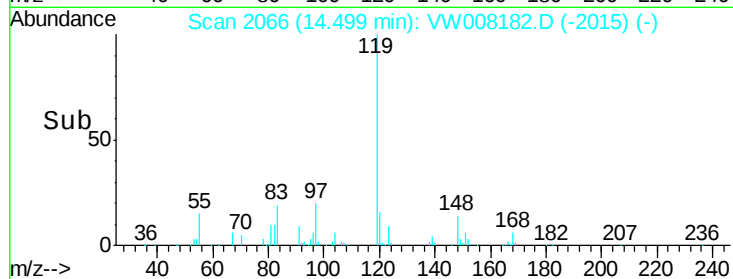
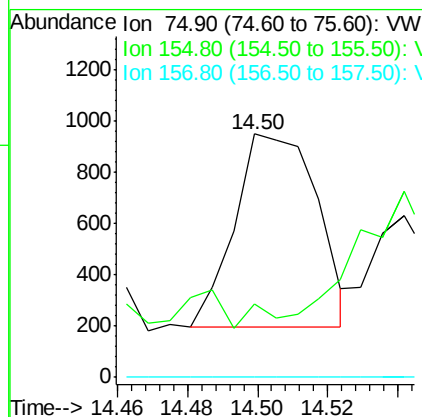
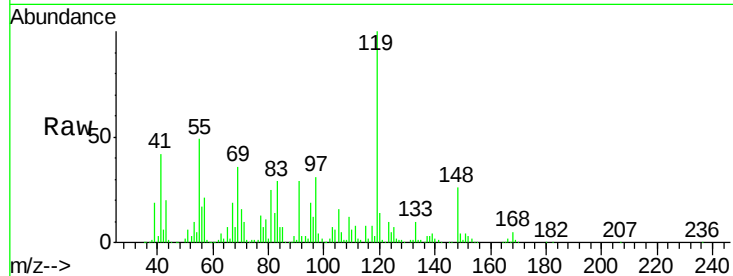




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 10.056 ug/l
 RT: 14.50 min Scan# 2066
 Delta R.T. 0.01 min
 Lab File: VW008182.D
 Acq: 11 Jan 2019 07:46

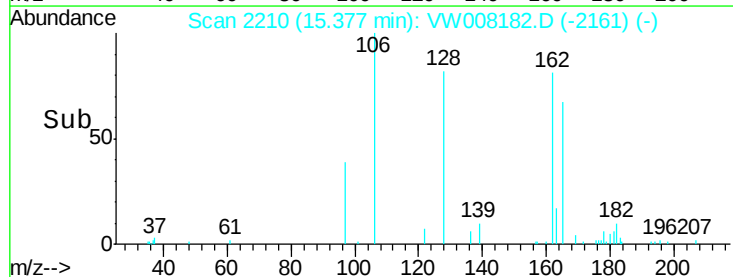
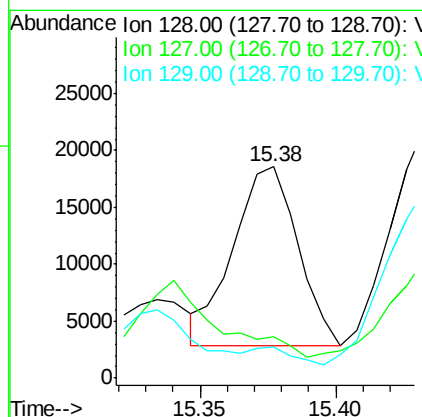
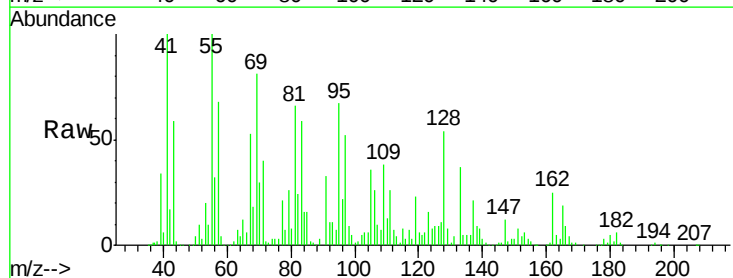
Instrument :
 MSVOA_W
 ClientSampleId :
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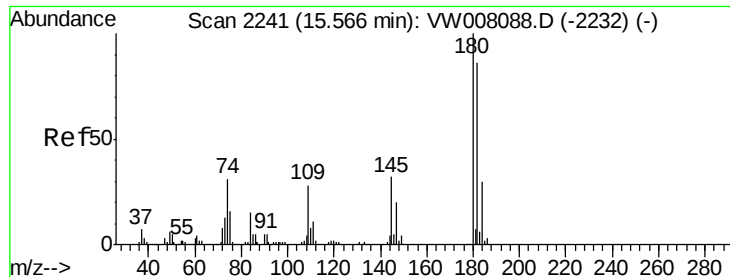
Tgt Ion: 75 Resp: 1228
 Ion Ratio Lower Upper
 75 100
 155 22.4 38.6 115.7#
 157 0.0 47.5 142.6#



#95
 Naphthalene
 Concen: 11.634 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. 0.00 min
 Lab File: VW008182.D
 Acq: 11 Jan 2019 07:46

Tgt Ion: 128 Resp: 25757
 Ion Ratio Lower Upper
 128 100
 127 0.0 11.0 16.4#
 129 0.0 9.0 13.6#

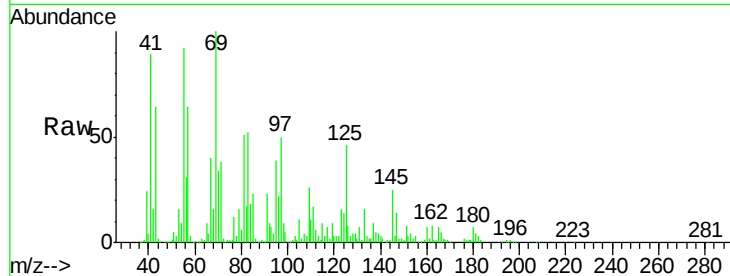




#96
 1,2,3-Trichlorobenzene
 Concen: 4.210 ug/l
 RT: 15.58 min Scan# 2244
 Delta R.T. 0.02 min
 Lab File: VW008182.D
 Acq: 11 Jan 2019 07:46

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-18(15-20)

Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	46.5	139.3#
145	0.0	17.4	52.2#



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

