

Data File : VW008157.D
Acq On : 10 Jan 2019 19:01
Operator : SY/AP
Sample : K1088-04
Misc : 5.10G/5ML/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CPSB-04(15-20)

Quant Time: Jan 11 05:13:51 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	69764	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	136418	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	88520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	18020	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	46815	59.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.42%	
35) Dibromofluoromethane	7.88	113	42734	53.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.42%	
50) Toluene-d8	10.32	98	167944	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
62) 4-Bromofluorobenzene	12.62	95	37943	31.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.40%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	5.28	59	146	Below Cal	#	100
13) Acrolein	3.89	56	74	Below Cal	#	1
16) Acetone	4.14	43	6730	29.060	ug/l	95
25) 2-Butanone	7.18	43	1665	7.632	ug/l	98
31) Cyclohexane	7.95	56	8945	5.421	ug/l #	64
36) 1,1-Dichloropropene	7.95	75	6646	4.729	ug/l #	44
38) Carbon Tetrachloride	7.95	117	8019	6.235	ug/l #	16
39) Methylcyclohexane	9.34	83	66520	37.333	ug/l	95
43) Isopropyl Acetate	8.42	43	3856	3.426	ug/l #	51
47) Bromodichloromethane	9.62	83	2081	1.766	ug/l #	42
48) Methyl methacrylate	9.46	41	2286	4.304	ug/l #	16
49) 1,4-Dioxane	9.44	88	41	5.493	ug/l #	11
51) 4-Methyl-2-Pentanone	10.25	43	8062	14.796	ug/l	87
55) 1,1,2-Trichloroethane	10.76	97	29555	45.355	ug/l #	24
56) Ethyl methacrylate	10.66	69	11268	13.963	ug/l #	1
59) 2-Hexanone	10.94	43	80688	218.986	ug/l #	30
65) Chlorobenzene	11.66	112	14548	7.757	ug/l	99
69) o-Xylene	12.17	106	3164	2.609	ug/l	53
73) Isopropylbenzene	12.47	105	49961	35.315	ug/l	97
74) N-amyl acetate	12.26	43	171956	548.852	ug/l #	63
75) 1,1,2,2-Tetrachloroethane	12.69	83	8028	35.452	ug/l #	33
76) 1,2,3-Trichloropropane	12.62	75	13647	83.076	ug/l #	1
77) Bromobenzene	12.71	156	601	2.010	ug/l #	1
78) n-propylbenzene	12.80	91	7480	4.315	ug/l	94
79) 2-Chlorotoluene	12.94	91	5303	5.483	ug/l	87
80) 1,3,5-Trimethylbenzene	13.11	105	23782	20.456	ug/l	76
81) trans-1,4-Dichloro-2-buten	12.46	75	667	9.455	ug/l #	36
82) 4-Chlorotoluene	12.94	91	4878	4.789	ug/l	74
83) tert-Butylbenzene	13.21	119	8214	7.986	ug/l	72
84) 1,2,4-Trimethylbenzene	13.11	105	23782	19.834	ug/l	81
85) sec-Butylbenzene	13.39	105	117359	77.895	ug/l	79
86) p-Isopropyltoluene	13.66	119	20229	15.548	ug/l	93
88) 1,4-Dichlorobenzene	13.58	146	2033	3.342	ug/l #	1
89) n-Butylbenzene	13.83	91	73392	57.596	ug/l #	85

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011019\
Quantitation Report (Not Reviewed)

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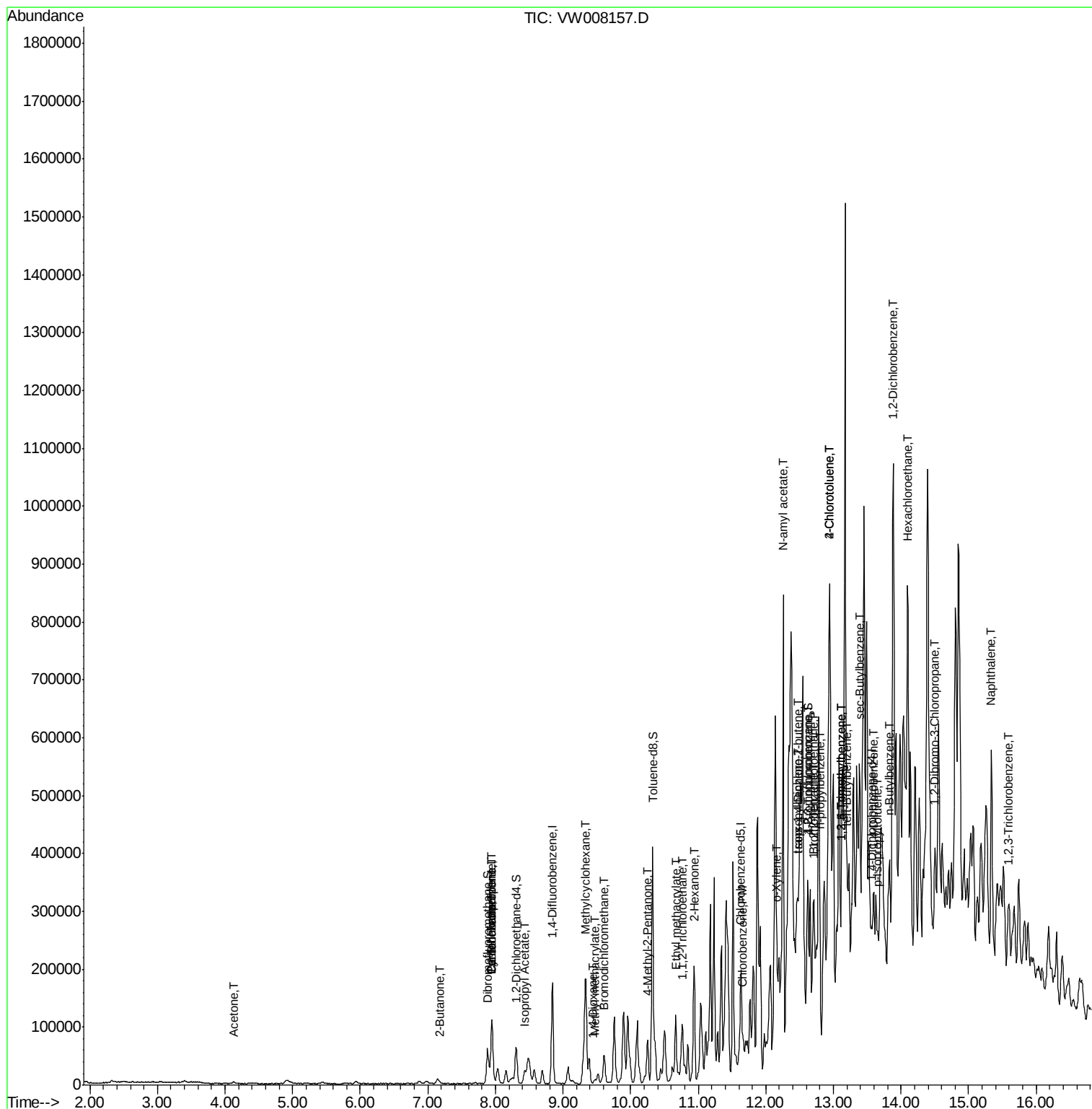
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	14.10	117	20247	92.136	ug/l #	17
91) 1,2-Dichlorobenzene	13.88	146	5316	9.975	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1870	51.313	ug/l #	10
95) Naphthalene	15.33	128	2096	3.173	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.58	180	2047	6.787	ug/l #	33

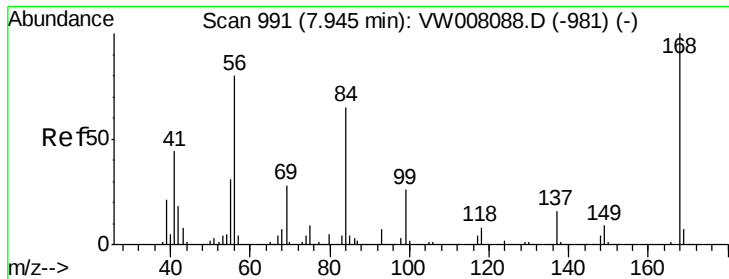
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008157.D

Acq: 10 Jan 2019 19:01

Instrument :

MSVOA_W

ClientSampleId :

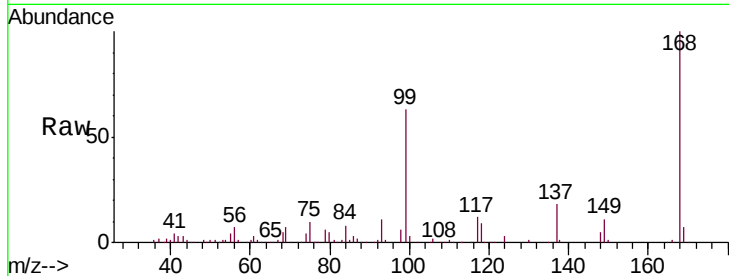
CPSB-04(15-20)

Tgt Ion:168 Resp: 69764

Ion Ratio Lower Upper

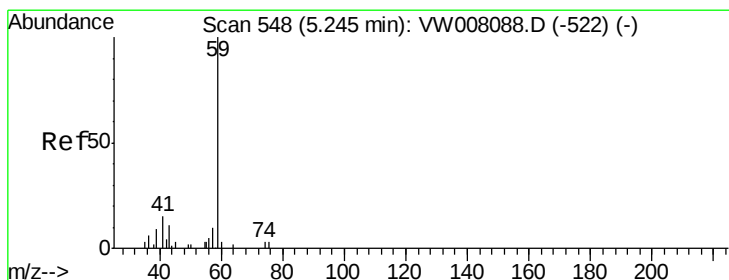
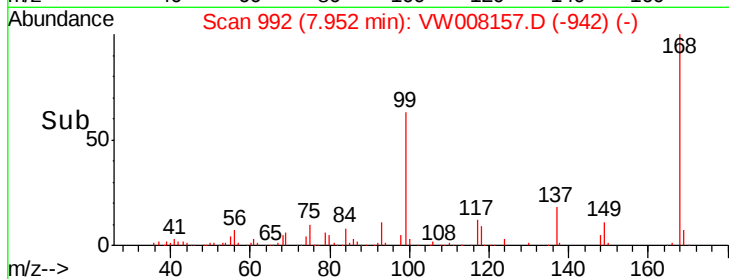
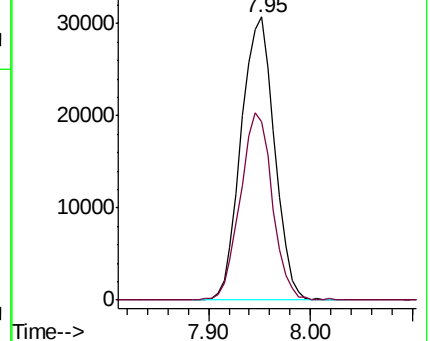
168 100

99 62.8 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.28 min Scan# 553

Delta R.T. 0.03 min

Lab File: VW008157.D

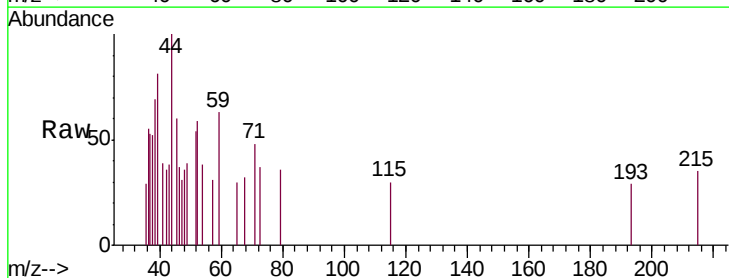
Acq: 10 Jan 2019 19:01

Tgt Ion: 59 Resp: 146

Ion Ratio Lower Upper

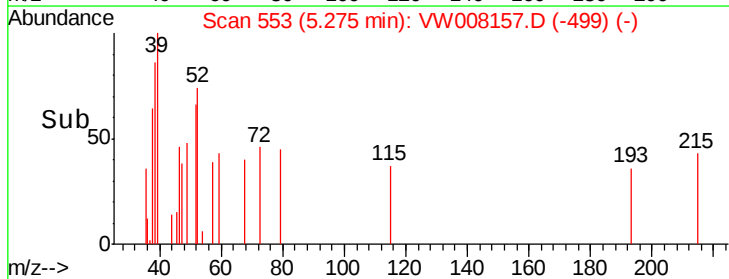
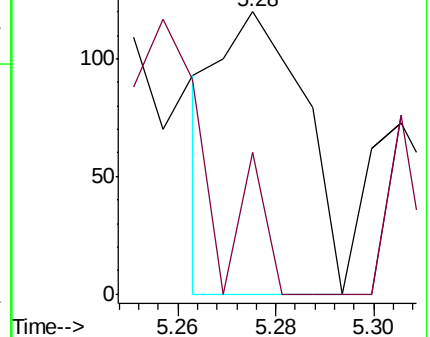
59 100

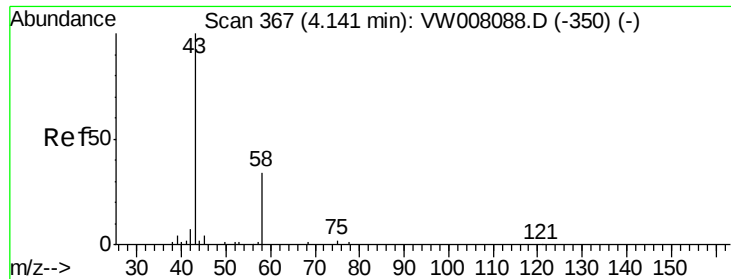
57 102.1 0.0 0.0#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 29.060 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW008157.D

Acq: 10 Jan 2019 19:01

Instrument :

MSVOA_W

ClientSampleId :

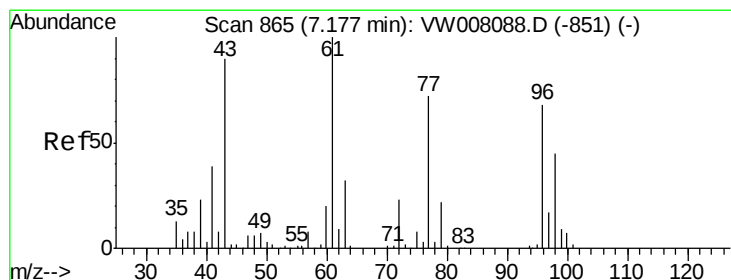
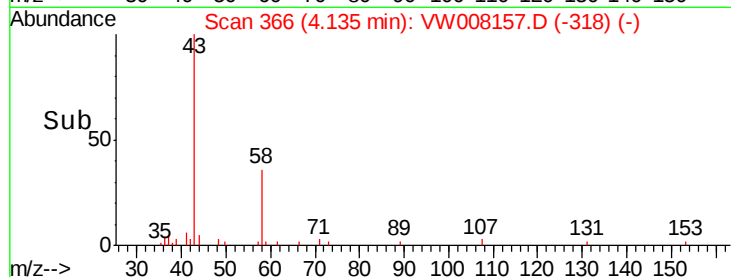
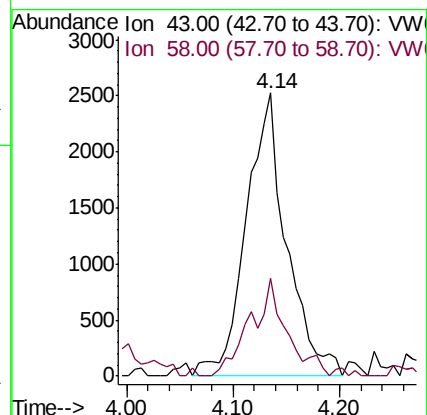
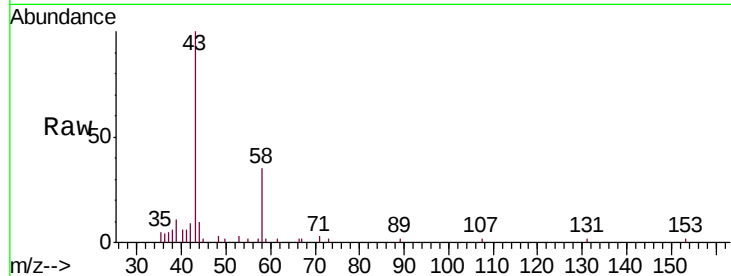
CPSB-04(15-20)

Tgt Ion: 43 Resp: 6730

Ion Ratio Lower Upper

43 100

58 31.7 27.5 41.3



#25

2-Butanone

Concen: 7.632 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW008157.D

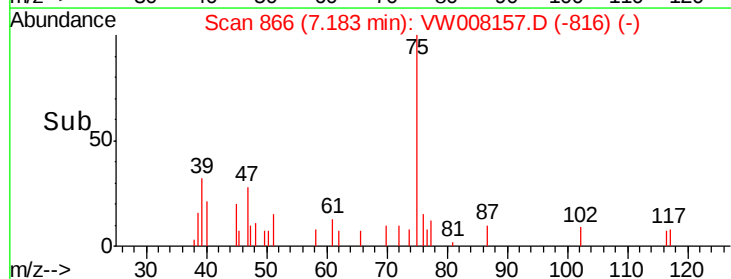
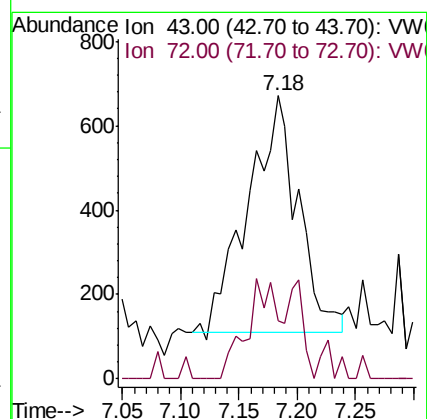
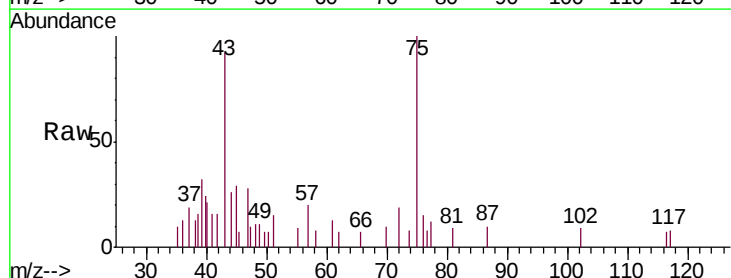
Acq: 10 Jan 2019 19:01

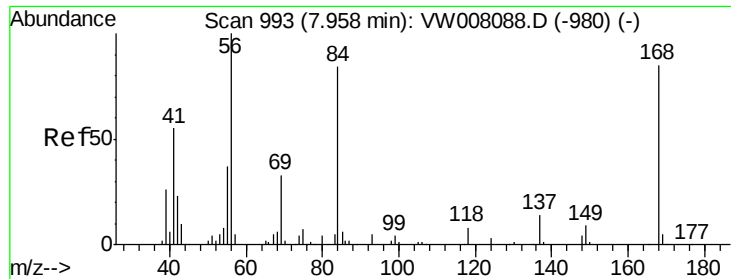
Tgt Ion: 43 Resp: 1665

Ion Ratio Lower Upper

43 100

72 24.7 20.5 30.7

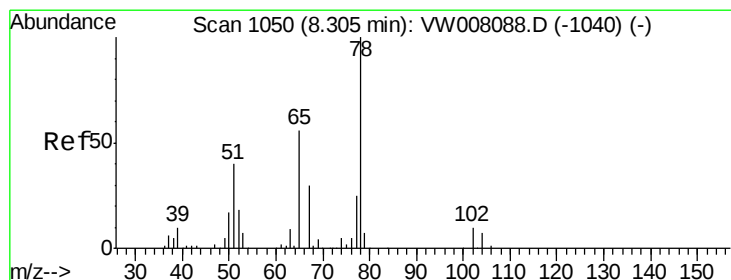
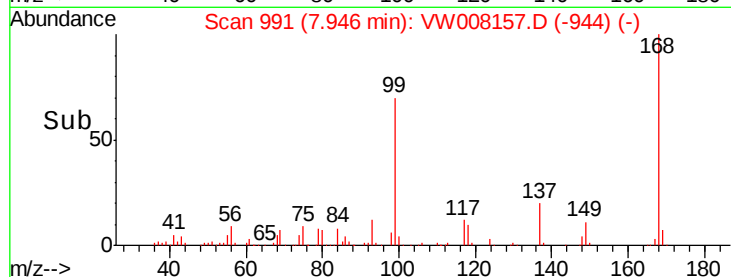
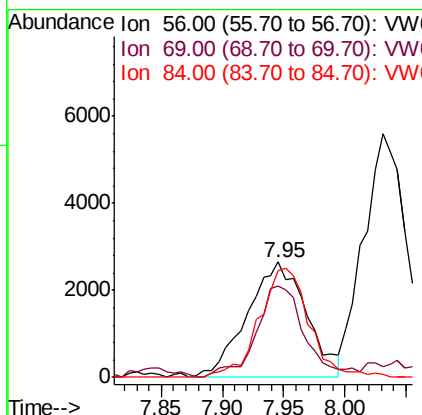
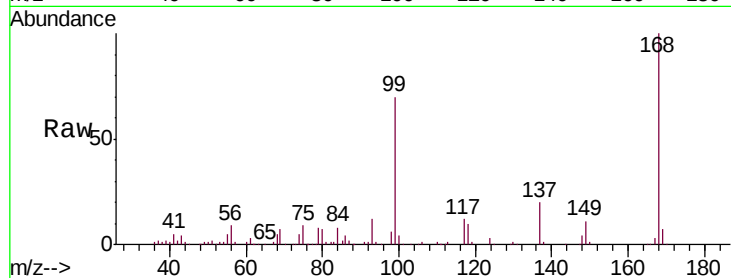




#31
Cyclohexane
Concen: 5.421 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008157.D
Acq: 10 Jan 2019 19:01

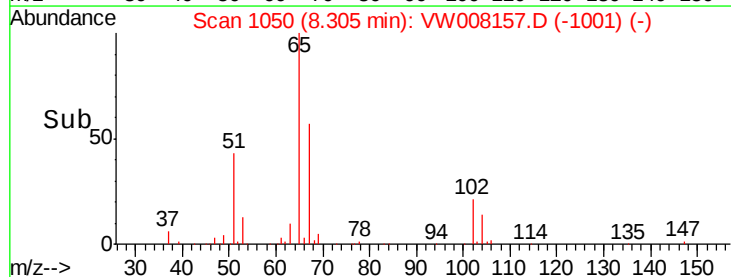
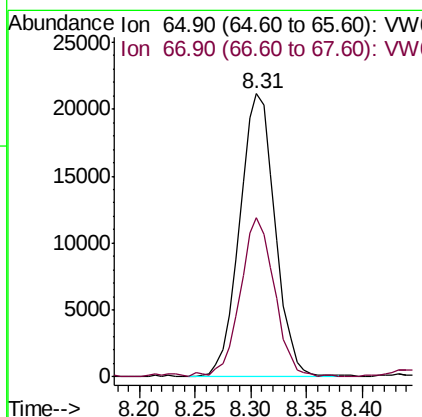
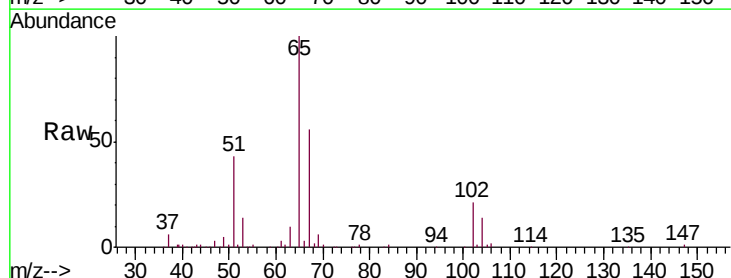
Instrument :
MSVOA_W
ClientSampleId :
CPSB-04(15-20)

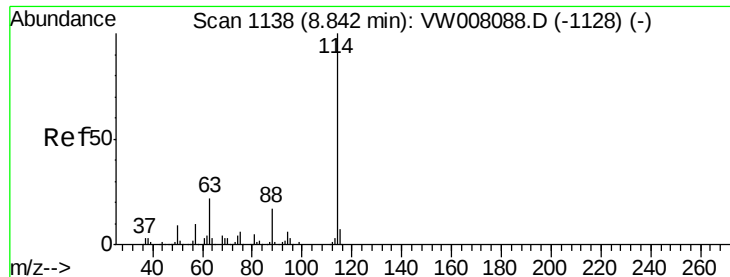
Tgt Ion: 56 Resp: 8945
Ion Ratio Lower Upper
56 100
69 82.6 26.2 39.4#
84 98.7 67.4 101.2



#33
1,2-Dichloroethane-d4
Concen: 59.706 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008157.D
Acq: 10 Jan 2019 19:01

Tgt Ion: 65 Resp: 46815
Ion Ratio Lower Upper
65 100
67 54.5 0.0 106.8

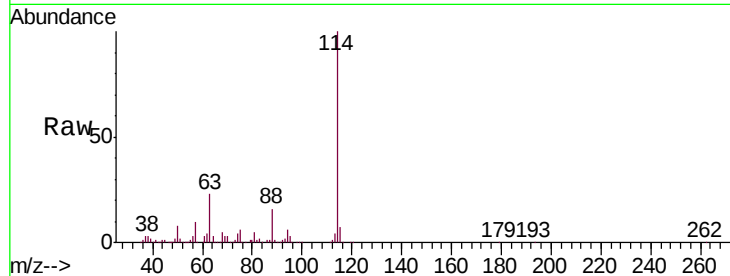




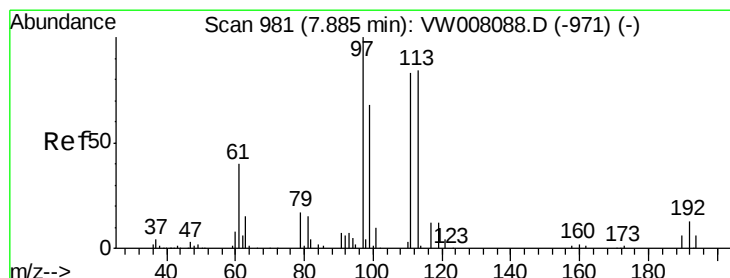
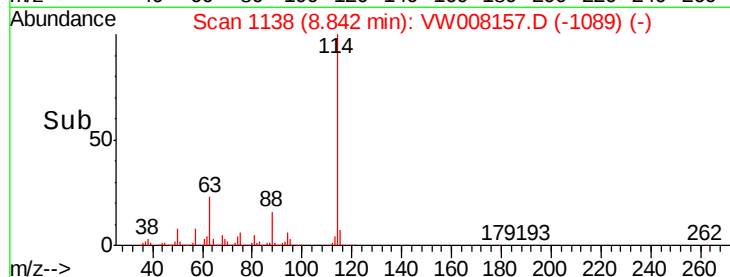
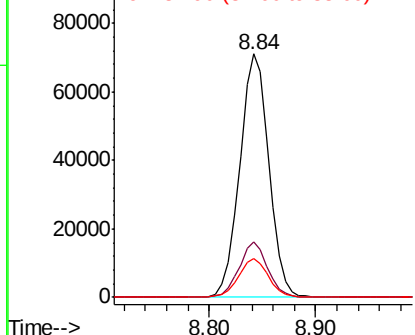
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008157.D
Acq: 10 Jan 2019 19:01

Instrument :
MSVOA_W
ClientSampleId :
CPSB-04(15-20)

Tgt Ion:114 Resp: 136418
Ion Ratio Lower Upper
114 100
63 22.7 0.0 43.4
88 16.2 0.0 33.4

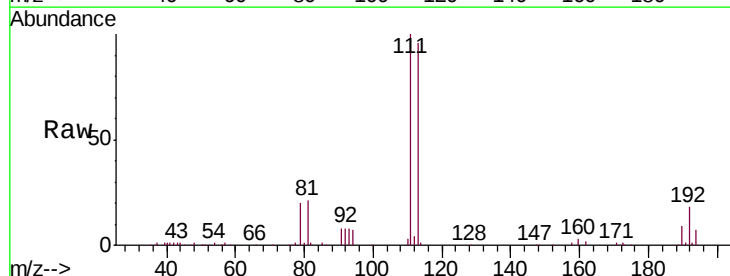


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

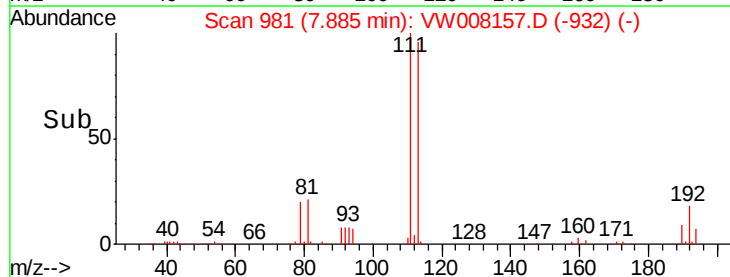
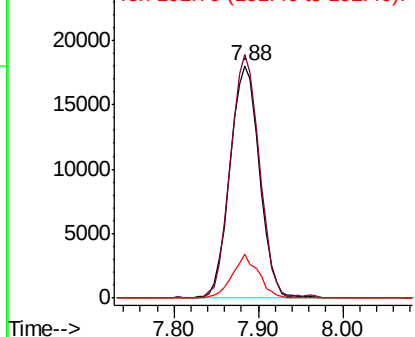


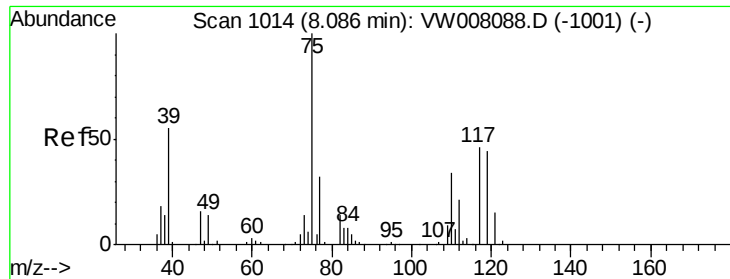
#35
Dibromofluoromethane
Concen: 53.710 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW008157.D
Acq: 10 Jan 2019 19:01

Tgt Ion:113 Resp: 42734
Ion Ratio Lower Upper
113 100
111 102.0 81.8 122.8
192 16.8 12.8 19.2



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

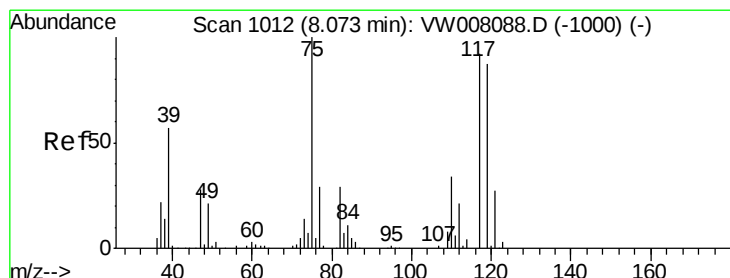
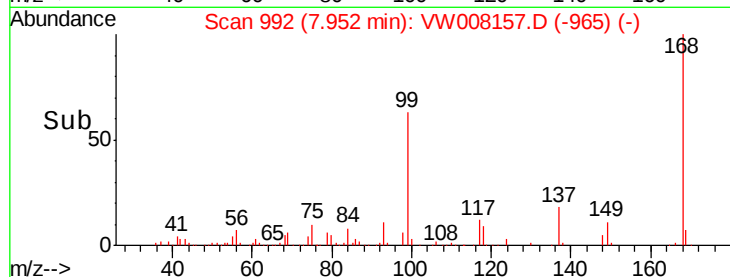
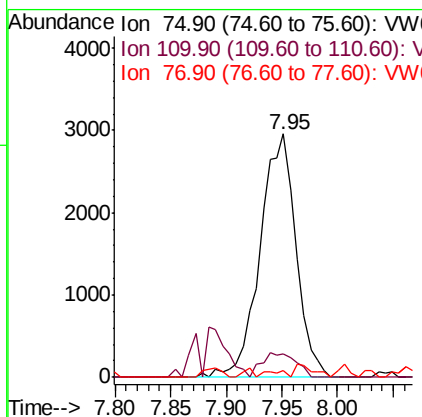
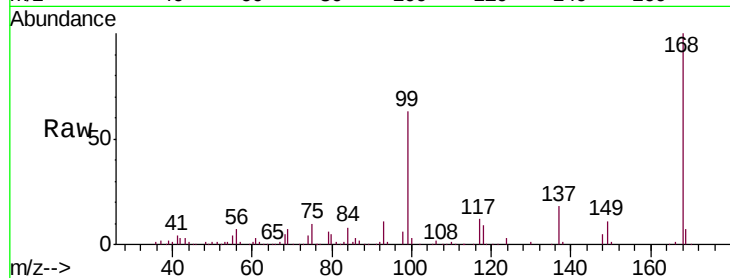




#36
 1,1-Dichloropropene
 Concen: 4.729 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW008157.D
 Acq: 10 Jan 2019 19:01

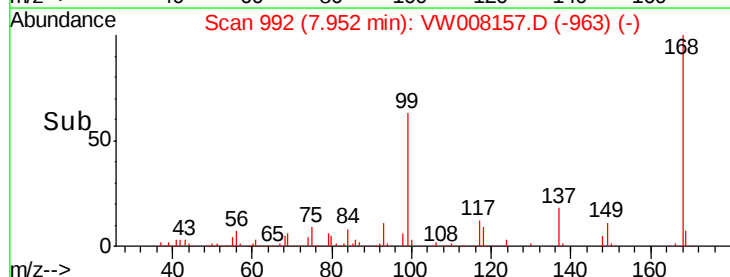
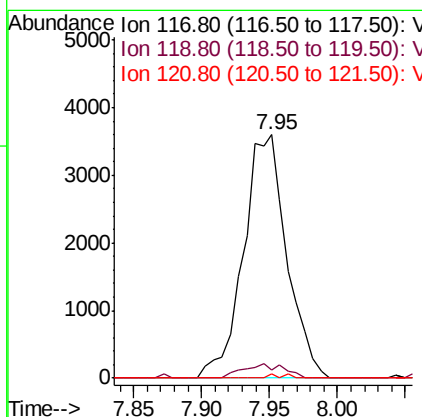
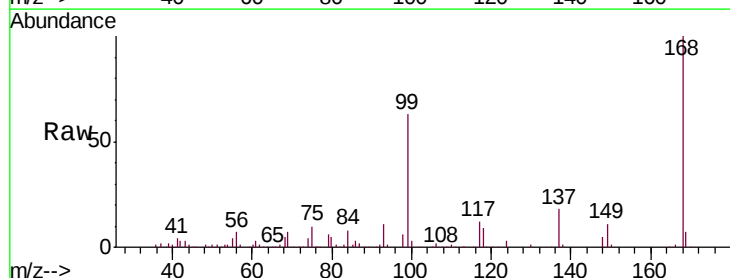
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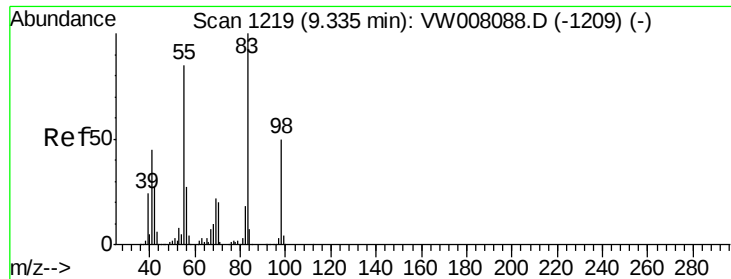
Tgt Ion: 75 Resp: 6646
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.1 51.3#
 77 2.8 25.5 38.3#



#38
 Carbon Tetrachloride
 Concen: 6.235 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW008157.D
 Acq: 10 Jan 2019 19:01

Tgt Ion: 117 Resp: 8019
 Ion Ratio Lower Upper
 117 100
 119 3.6 75.8 113.8#
 121 1.9 23.7 35.5#

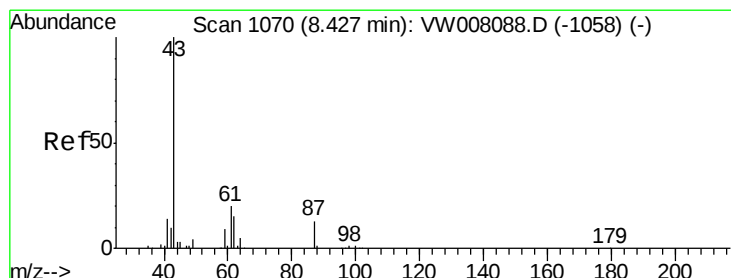
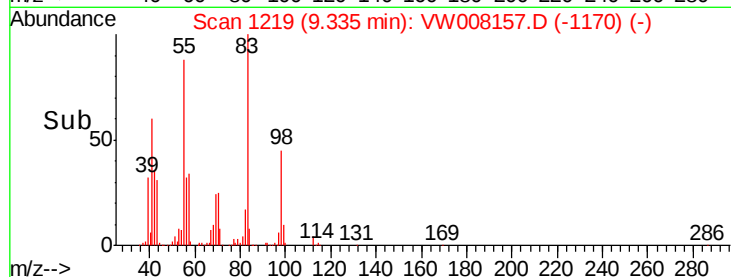
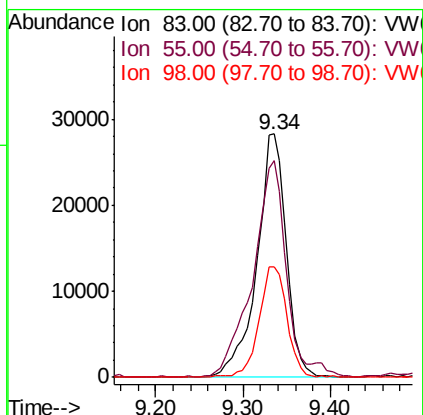
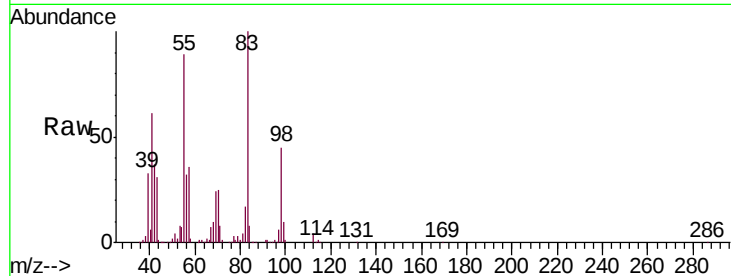




#39
Methylcyclohexane
Concen: 37.333 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008157.D
Acq: 10 Jan 2019 19:01

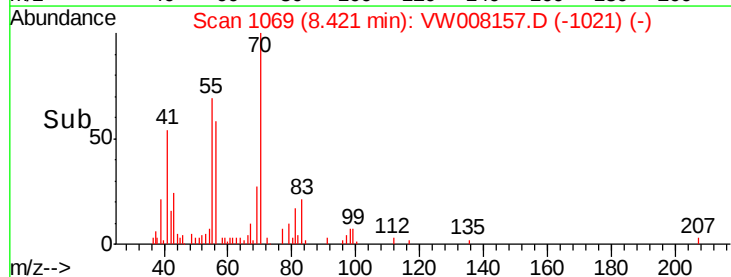
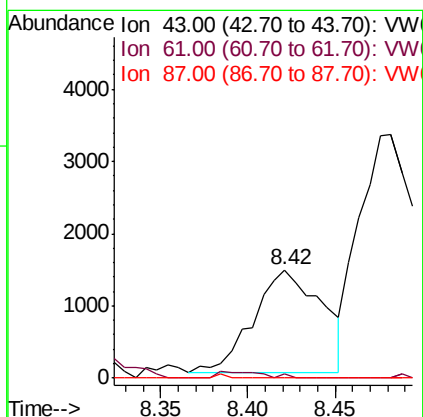
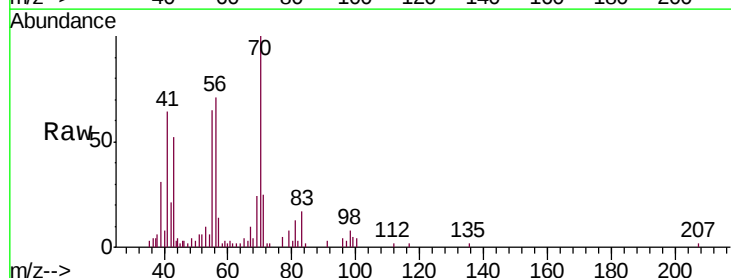
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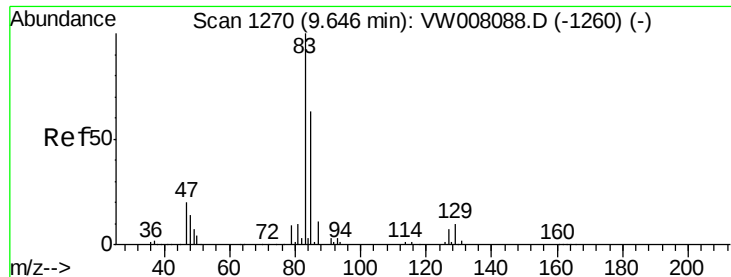
Tgt Ion: 83 Resp: 66520
Ion Ratio Lower Upper
83 100
55 88.3 67.8 101.6
98 45.5 40.2 60.4



#43
Isopropyl Acetate
Concen: 3.426 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VW008157.D
Acq: 10 Jan 2019 19:01

Tgt Ion: 43 Resp: 3856
Ion Ratio Lower Upper
43 100
61 0.0 24.8 37.2#
87 0.0 10.4 15.6#





#47

Bromodichloromethane

Concen: 1.766 ug/l

RT: 9.62 min Scan# 1265

Delta R.T. -0.03 min

Lab File: VW008157.D

Acq: 10 Jan 2019 19:01

Instrument :

MSVOA_W

ClientSampleId :

CPSB-04(15-20)

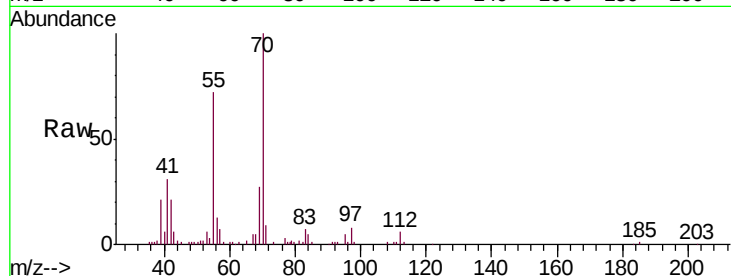
Tgt Ion: 83 Resp: 2081

Ion Ratio Lower Upper

83 100

85 15.1 50.7 76.1#

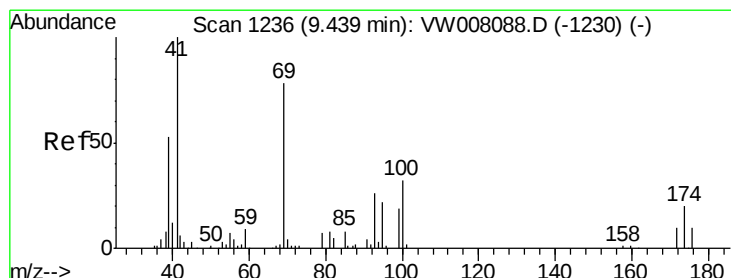
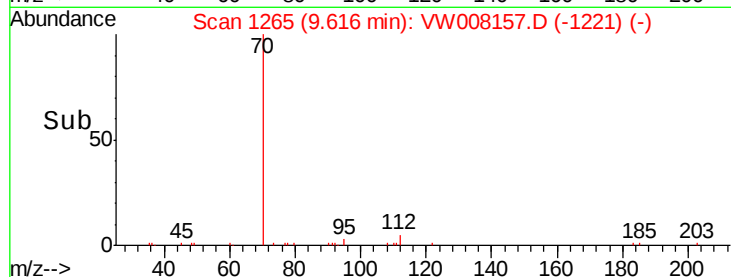
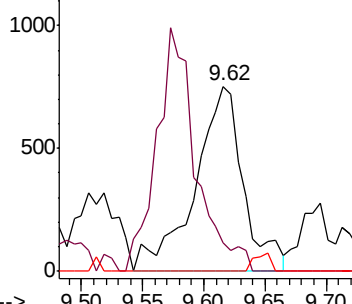
127 0.0 6.0 9.0#



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 4.304 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.02 min

Lab File: VW008157.D

Acq: 10 Jan 2019 19:01

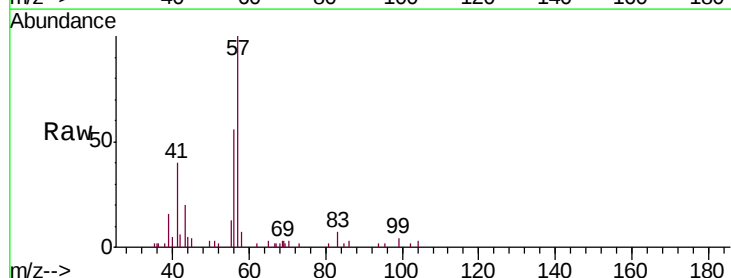
Tgt Ion: 41 Resp: 2286

Ion Ratio Lower Upper

41 100

69 0.0 61.9 92.9#

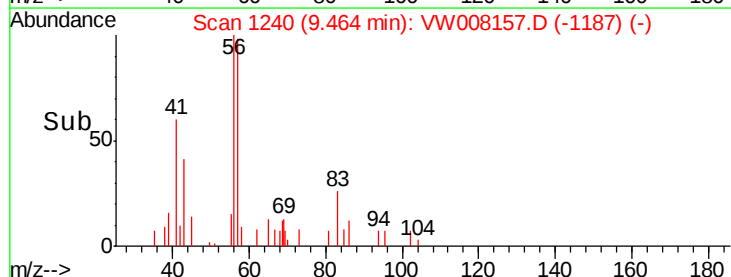
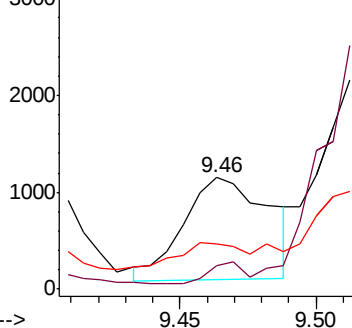
39 0.0 43.0 64.4#

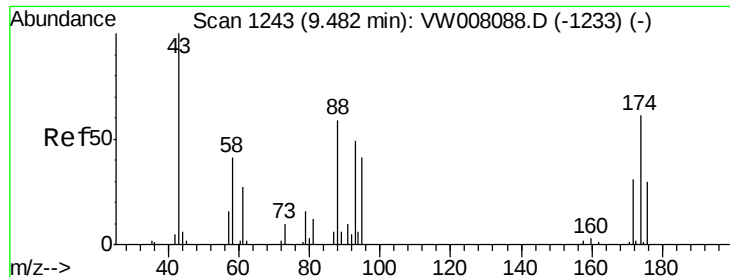


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

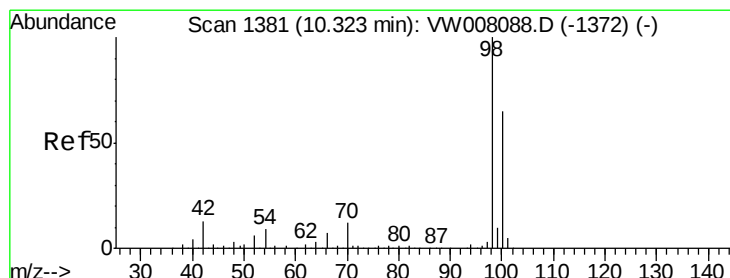
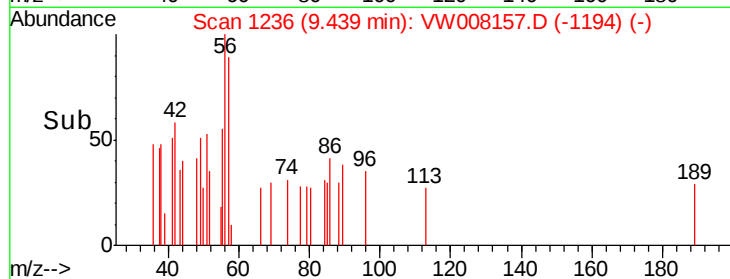
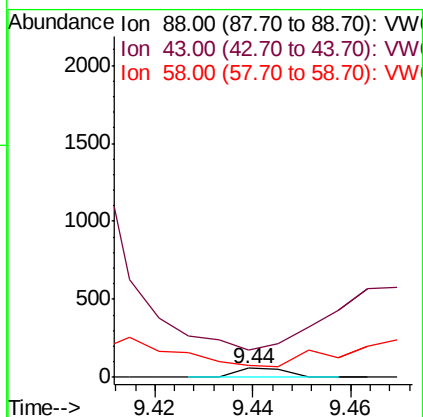
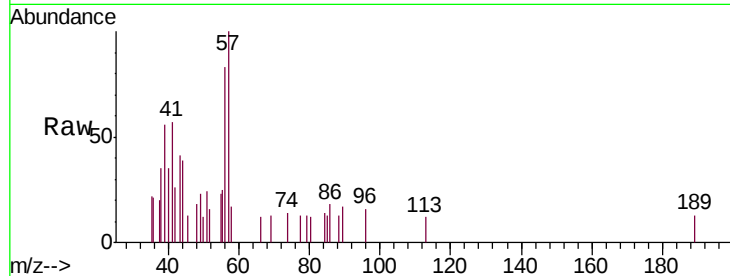




#49
1,4-Dioxane
Concen: 5.493 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.04 min
Lab File: VW008157.D
Acq: 10 Jan 2019 19:01

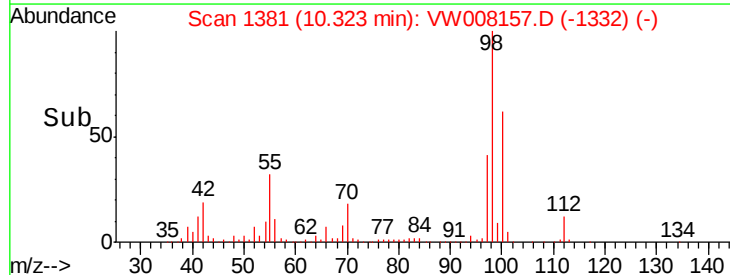
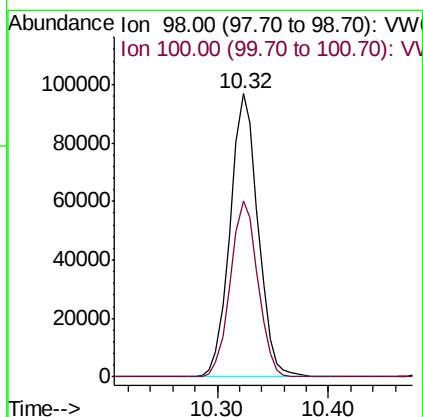
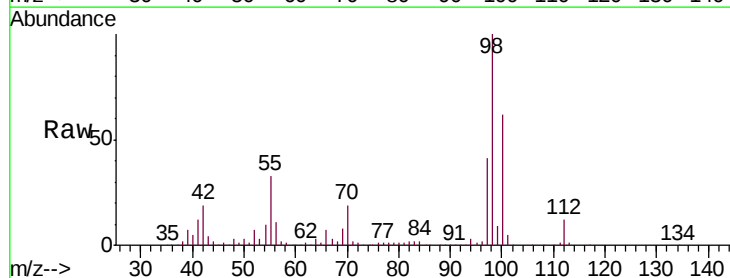
Instrument :
MSVOA_W
ClientSampleId :
CPSB-04(15-20)

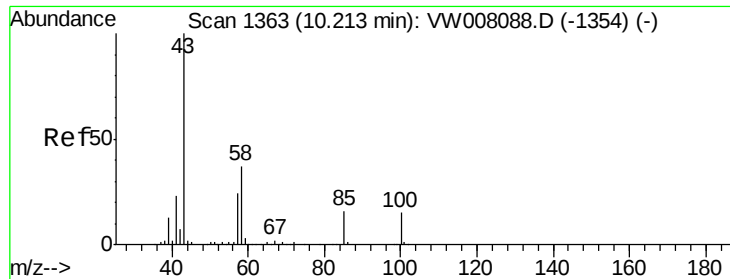
Tgt Ion: 88 Resp: 41
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 61.7 92.5#



#50
Toluene-d8
Concen: 50.300 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008157.D
Acq: 10 Jan 2019 19:01

Tgt Ion: 98 Resp: 167944
Ion Ratio Lower Upper
98 100
100 61.2 51.7 77.5

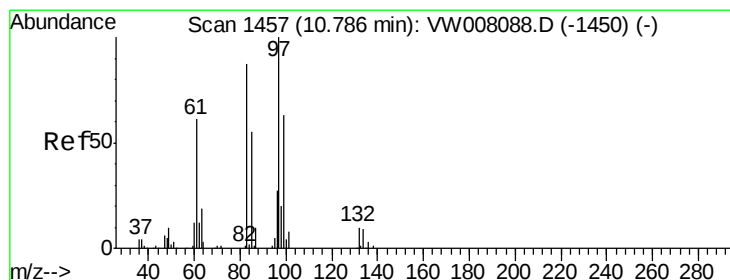
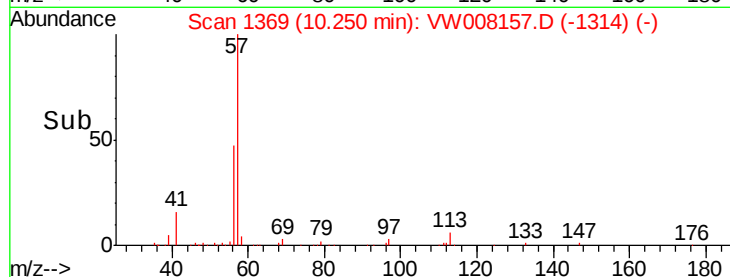
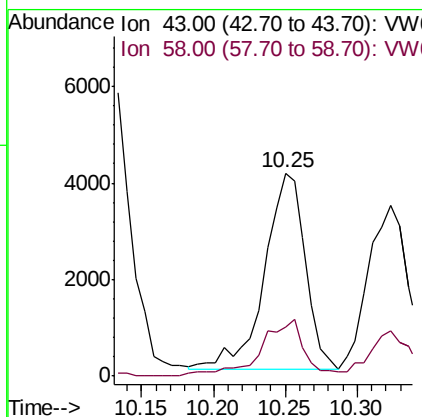
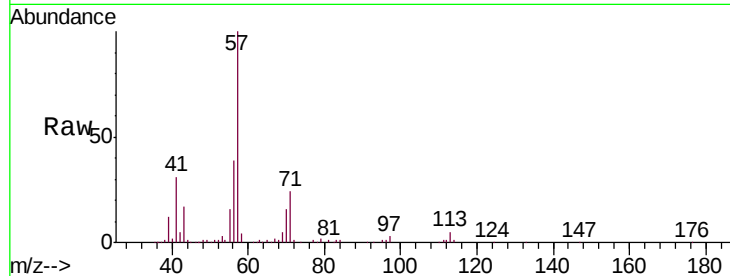




#51
 4-Methyl-2-Pentanone
 Concen: 14.796 ug/l
 RT: 10.25 min Scan# 1369
 Delta R.T. 0.04 min
 Lab File: VW008157.D
 Acq: 10 Jan 2019 19:01

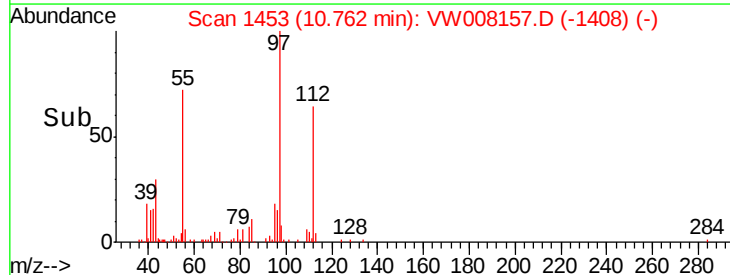
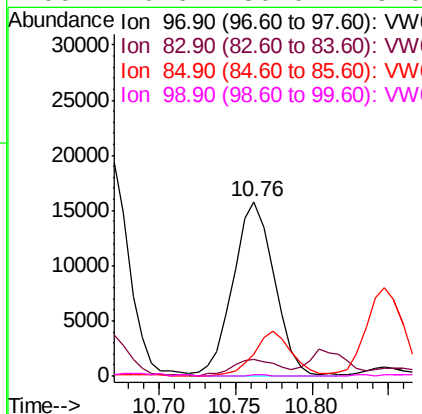
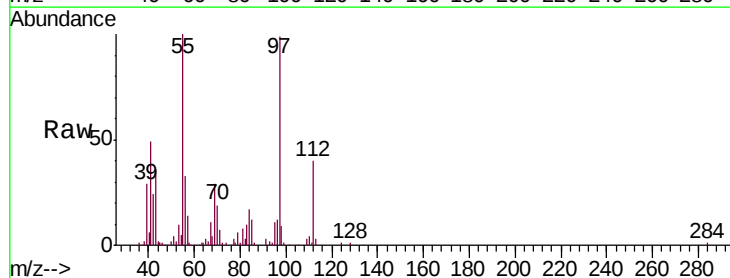
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-04(15-20)

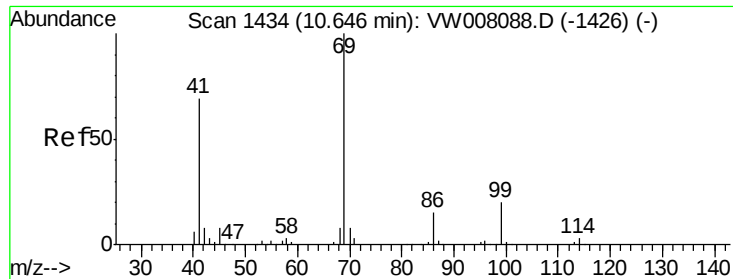
Tgt Ion: 43 Resp: 8062
 Ion Ratio Lower Upper
 43 100
 58 30.7 30.6 46.0



#55
 1,1,2-Trichloroethane
 Concen: 45.355 ug/l
 RT: 10.76 min Scan# 1453
 Delta R.T. -0.02 min
 Lab File: VW008157.D
 Acq: 10 Jan 2019 19:01

Tgt Ion: 97 Resp: 29555
 Ion Ratio Lower Upper
 97 100
 83 9.2 69.3 103.9#
 85 12.6 43.8 65.6#
 99 0.6 50.0 75.0#

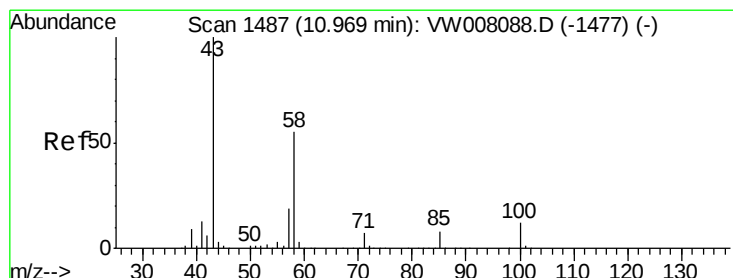
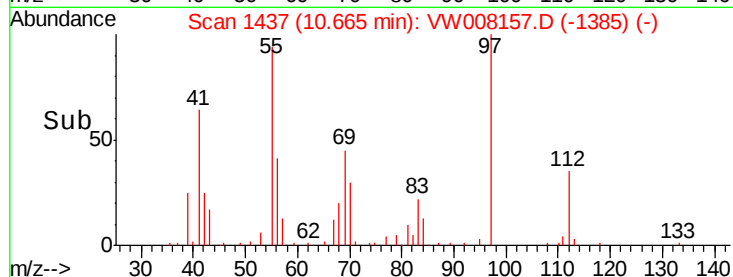
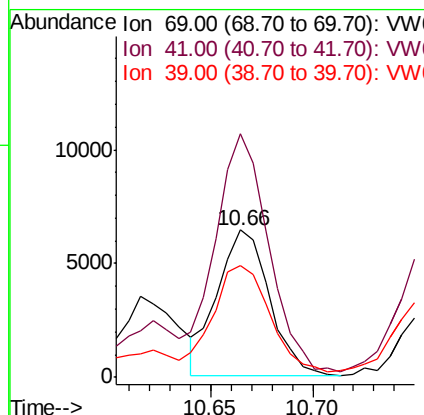
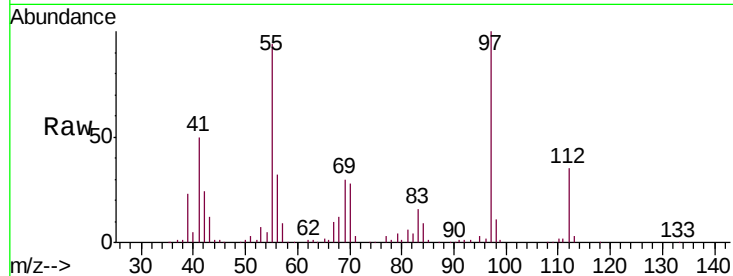




#56
Ethyl methacrylate
Concen: 13.963 ug/l
RT: 10.66 min Scan# 1437
Delta R.T. 0.02 min
Lab File: VW008157.D
Acq: 10 Jan 2019 19:01

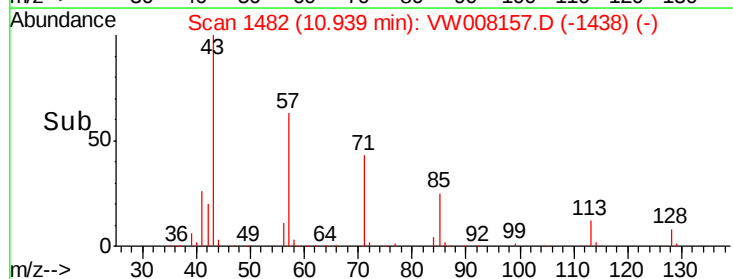
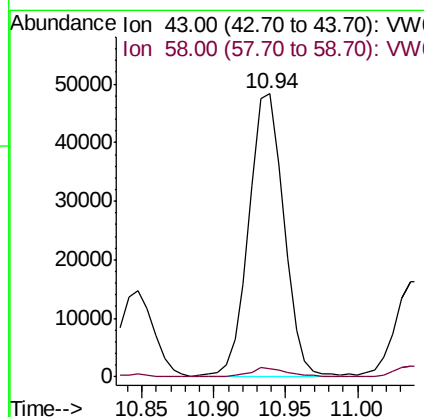
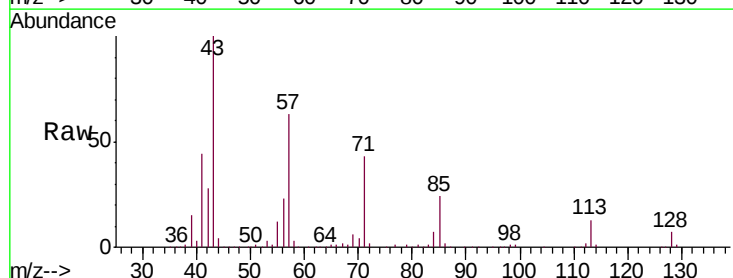
Instrument :
MSVOA_W
ClientSampled :
CPSB-04(15-20)

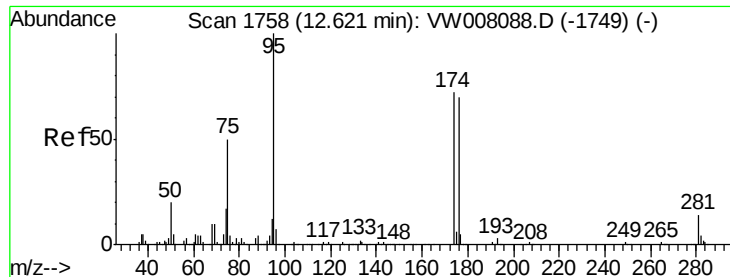
Tgt Ion: 69 Resp: 11268
Ion Ratio Lower Upper
69 100
41 168.1 56.4 84.6#
39 79.5 28.1 42.1#



#59
2-Hexanone
Concen: 218.986 ug/l
RT: 10.94 min Scan# 1482
Delta R.T. -0.03 min
Lab File: VW008157.D
Acq: 10 Jan 2019 19:01

Tgt Ion: 43 Resp: 80688
Ion Ratio Lower Upper
43 100
58 3.7 27.2 81.5#





#62

4-Bromofluorobenzene

Concen: 31.699 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW008157.D

Acq: 10 Jan 2019 19:01

Instrument :

MSVOA_W

ClientSampleId :

CPSB-04(15-20)

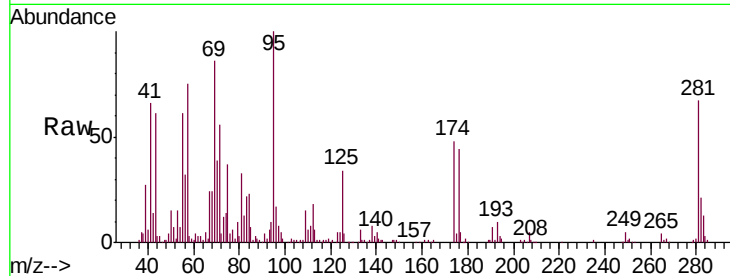
Tgt Ion: 95 Resp: 37943

Ion Ratio Lower Upper

95 100

174 53.0 0.0 143.0

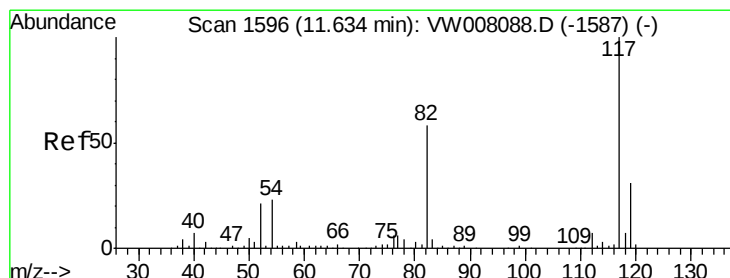
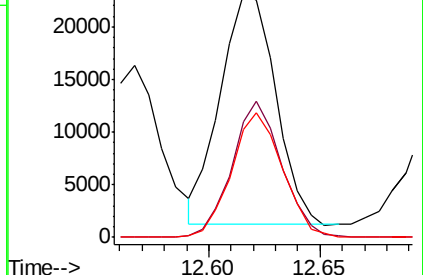
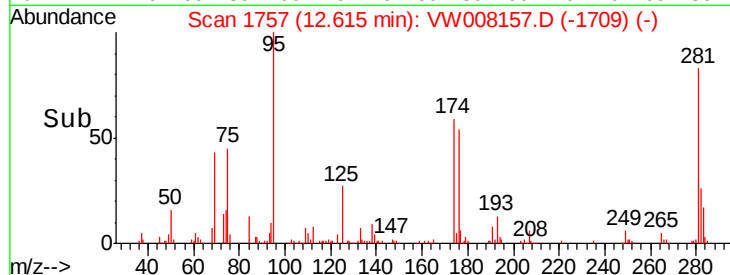
176 49.7 0.0 140.2



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008157.D

Acq: 10 Jan 2019 19:01

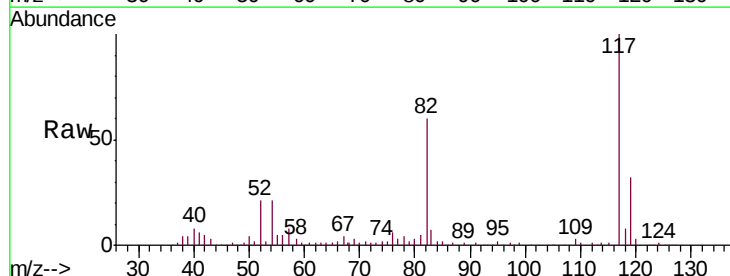
Tgt Ion: 117 Resp: 88520

Ion Ratio Lower Upper

117 100

82 57.8 46.4 69.6

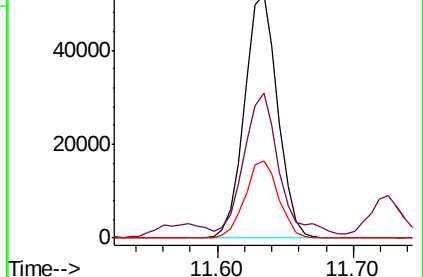
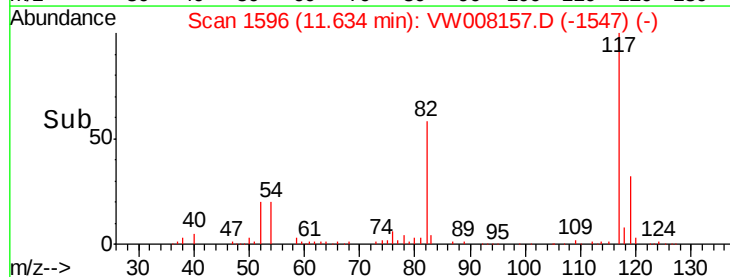
119 31.7 24.7 37.1

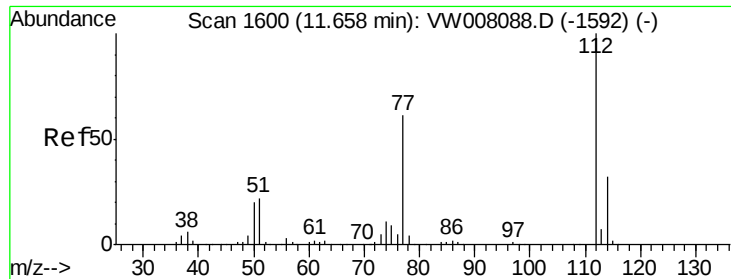


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

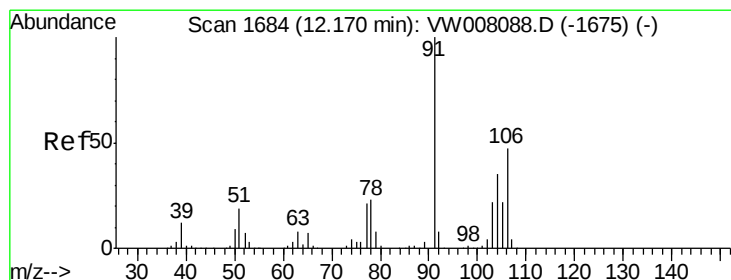
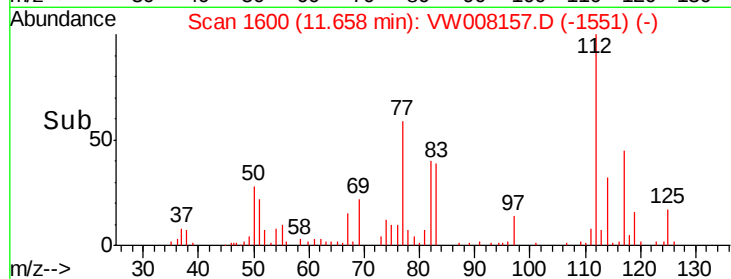
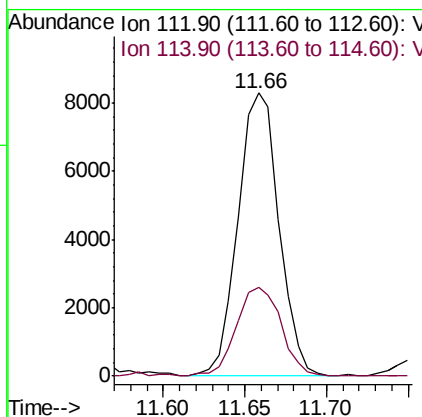
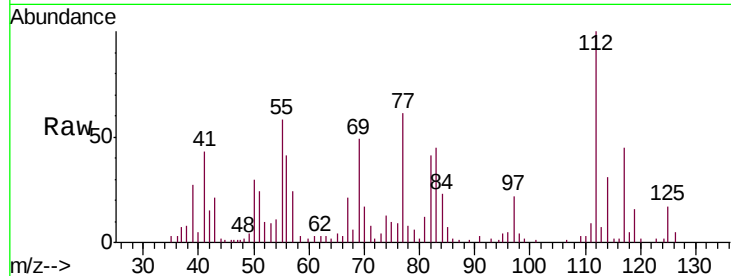




#65
Chlorobenzene
Concen: 7.757 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008157.D
Acq: 10 Jan 2019 19:01

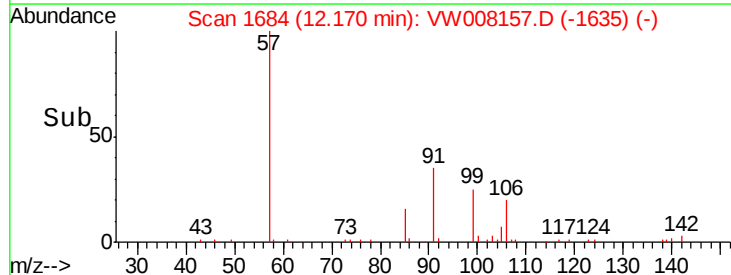
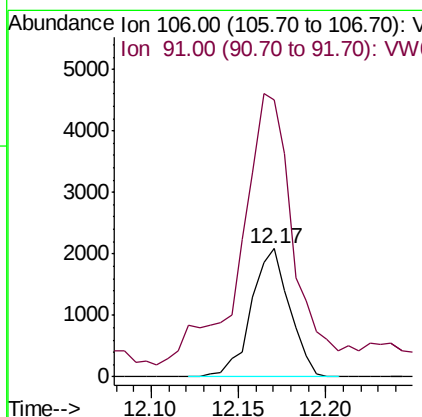
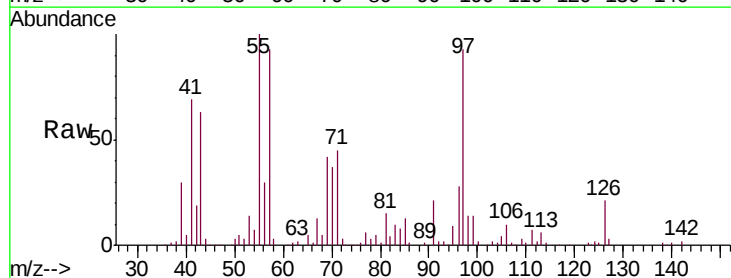
Instrument :
MSVOA_W
ClientSampleId :
CPSB-04(15-20)

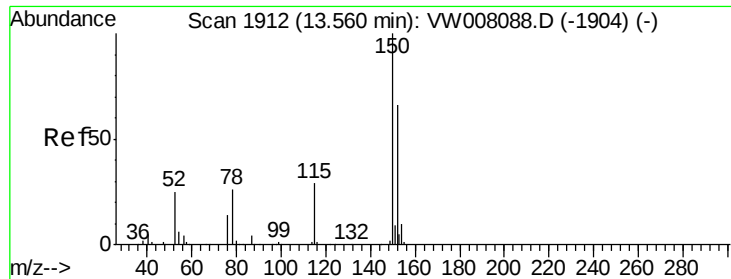
Tgt Ion:112 Resp: 14548
Ion Ratio Lower Upper
112 100
114 31.2 25.6 38.4



#69
o-Xylene
Concen: 2.609 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008157.D
Acq: 10 Jan 2019 19:01

Tgt Ion:106 Resp: 3164
Ion Ratio Lower Upper
106 100
91 289.9 107.8 323.6

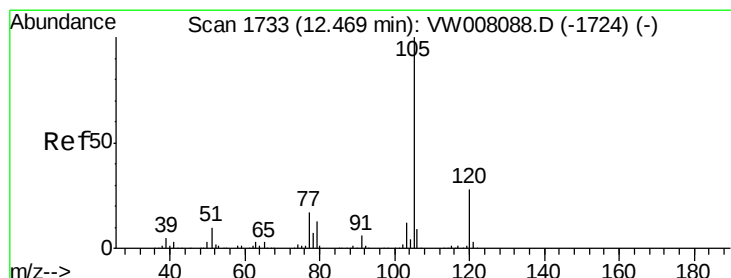
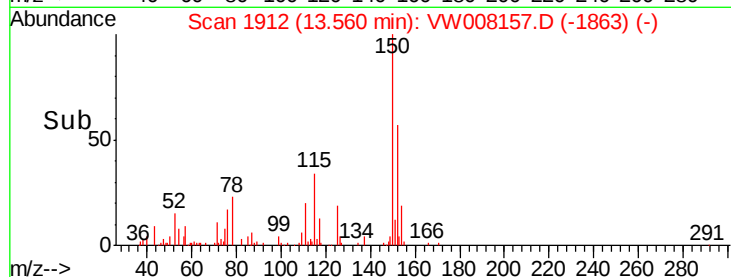
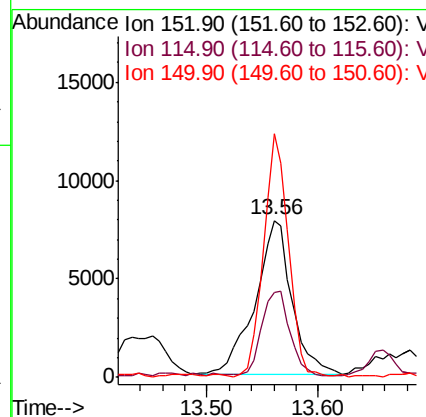
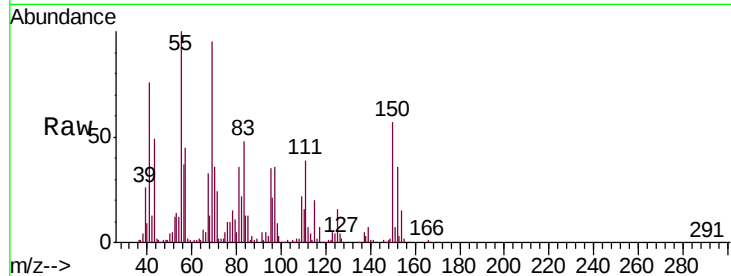




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.00 min
 Lab File: VW008157.D
 Acq: 10 Jan 2019 19:01

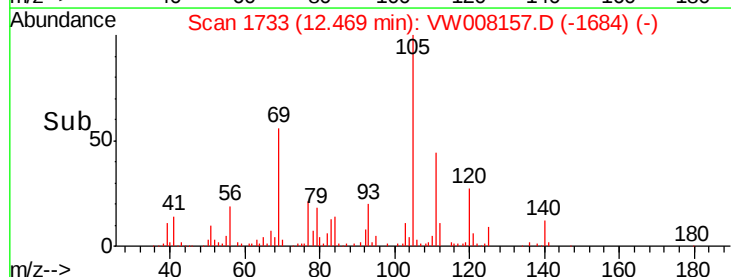
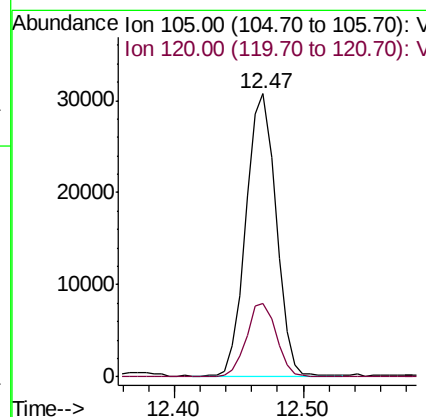
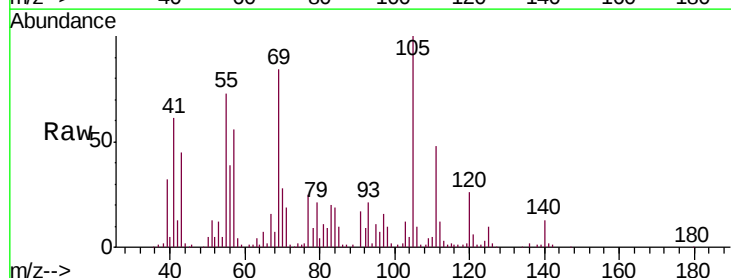
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-04(15-20)

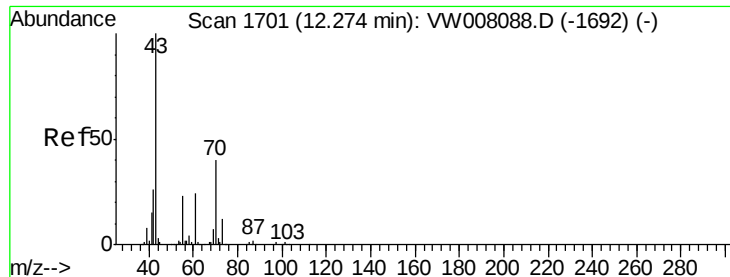
Tgt Ion:152 Resp: 18020
 Ion Ratio Lower Upper
 152 100
 115 41.8 30.8 92.4
 150 107.7 0.0 350.2



#73
 Isopropylbenzene
 Concen: 35.315 ug/l
 RT: 12.47 min Scan# 1733
 Delta R.T. 0.00 min
 Lab File: VW008157.D
 Acq: 10 Jan 2019 19:01

Tgt Ion:105 Resp: 49961
 Ion Ratio Lower Upper
 105 100
 120 25.8 13.6 40.8

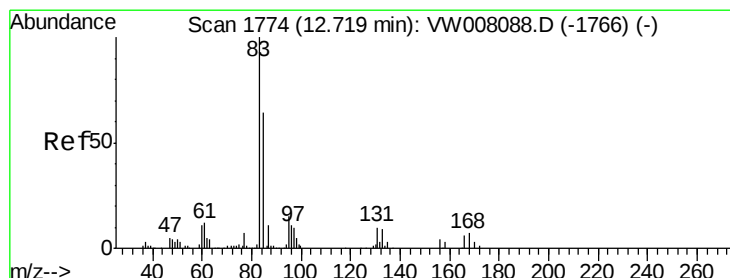
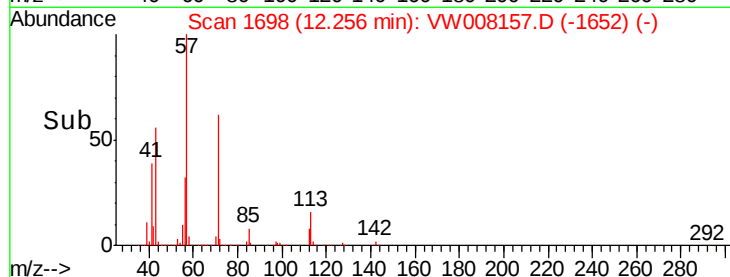
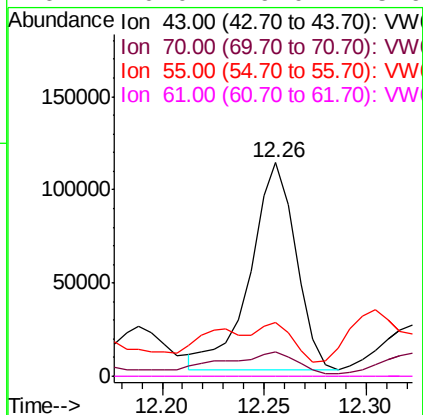
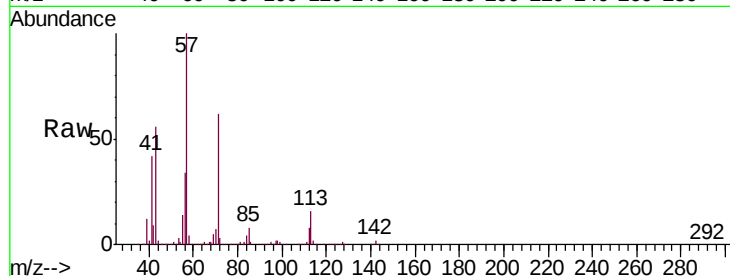




#74
N-ethyl acetate
Concen: 548.852 ug/l
RT: 12.26 min Scan# 1698
Delta R.T. -0.02 min
Lab File: VW008157.D
Acq: 10 Jan 2019 19:01

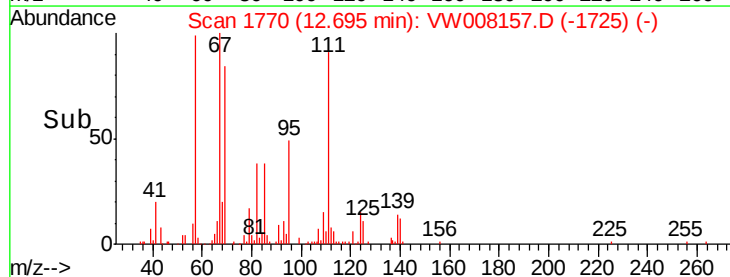
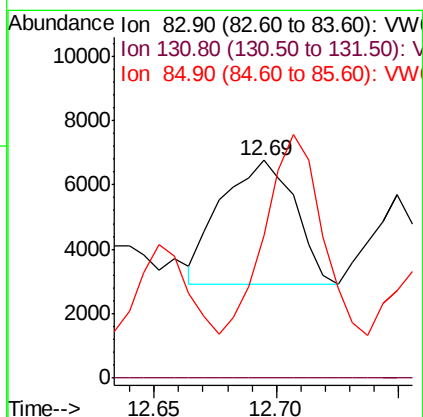
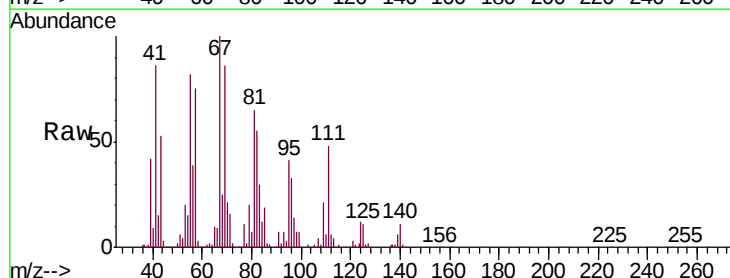
Instrument :
MSVOA_W
ClientSampleId :
CPSB-04(15-20)

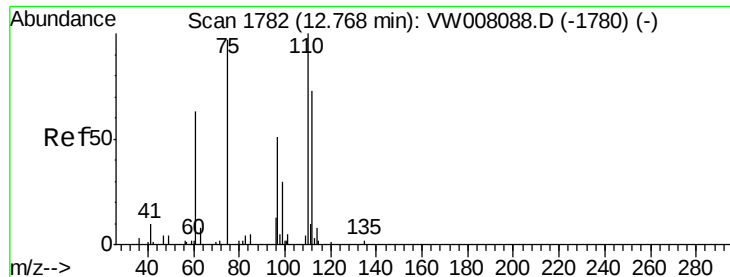
Tgt Ion: 43 Resp: 171956
Ion Ratio Lower Upper
43 100
70 16.3 32.4 48.6#
55 13.0 18.7 28.1#
61 0.0 19.0 28.6#



#75
1,1,2,2-Tetrachloroethane
Concen: 35.452 ug/l
RT: 12.69 min Scan# 1770
Delta R.T. -0.02 min
Lab File: VW008157.D
Acq: 10 Jan 2019 19:01

Tgt Ion: 83 Resp: 8028
Ion Ratio Lower Upper
83 100
131 0.0 5.3 16.1#
85 122.3 32.4 97.2#





#76

1,2,3-Trichloropropane

Concen: 83.076 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW008157.D

Acq: 10 Jan 2019 19:01

Instrument :

MSVOA_W

ClientSampleId :

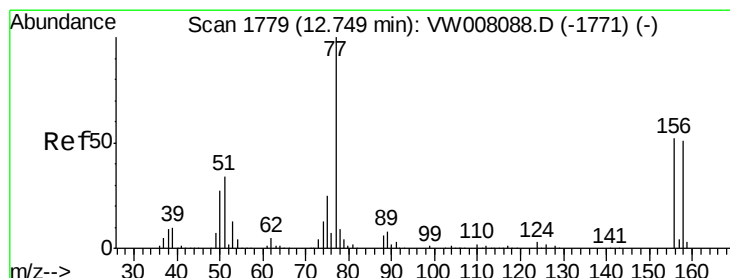
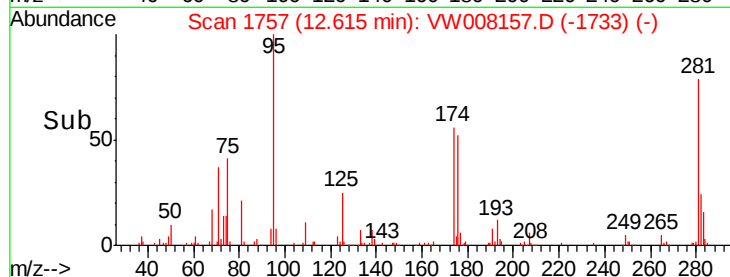
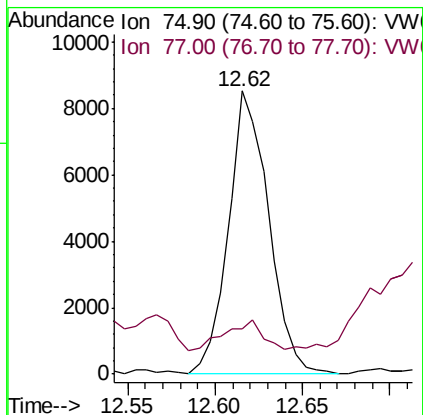
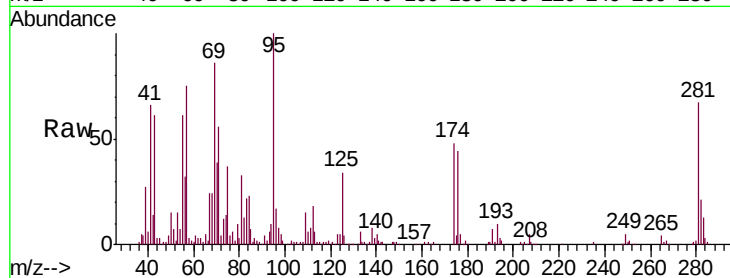
CPSB-04(15-20)

Tgt Ion: 75 Resp: 13647

Ion Ratio Lower Upper

75 100

77 10.1 179.4 538.2#



#77

Bromobenzene

Concen: 2.010 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.04 min

Lab File: VW008157.D

Acq: 10 Jan 2019 19:01

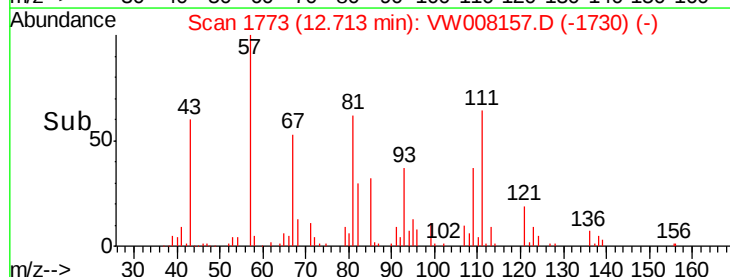
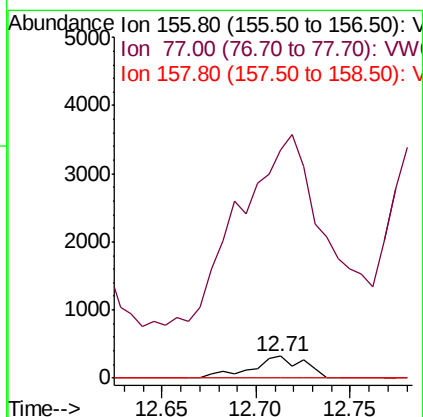
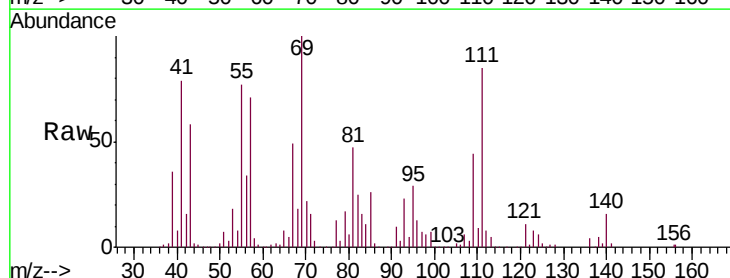
Tgt Ion: 156 Resp: 601

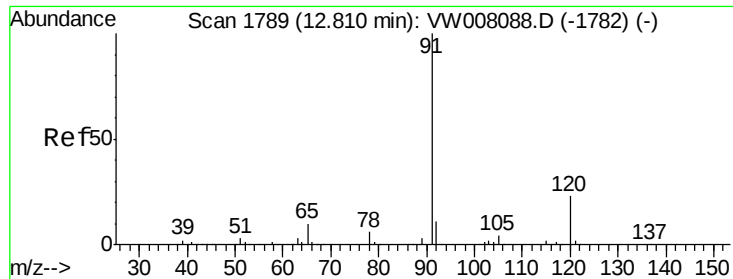
Ion Ratio Lower Upper

156 100

77 1447.4 104.2 312.5#

158 0.0 47.9 143.6#





#78

n-propylbenzene

Concen: 4.315 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008157.D

Acq: 10 Jan 2019 19:01

Instrument :

MSVOA_W

ClientSampleId :

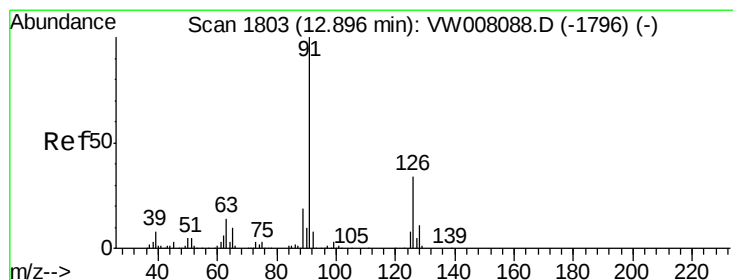
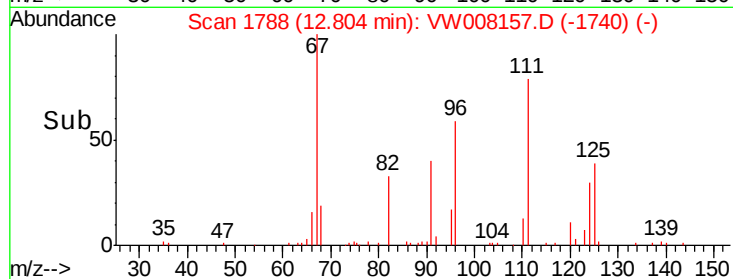
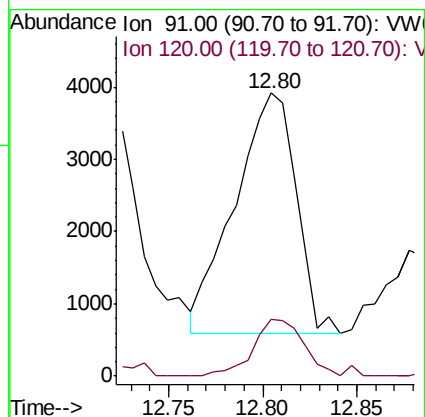
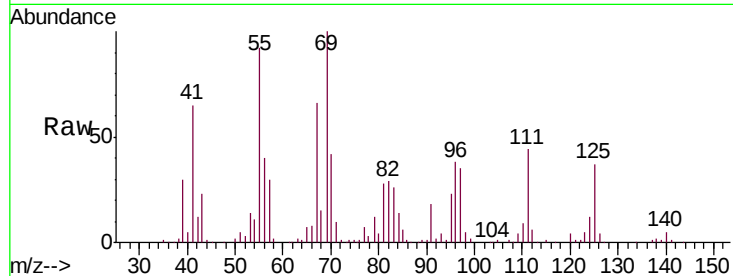
CPSB-04(15-20)

Tgt Ion: 91 Resp: 7480

Ion Ratio Lower Upper

91 100

120 19.4 11.3 33.8



#79

2-Chlorotoluene

Concen: 5.483 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.05 min

Lab File: VW008157.D

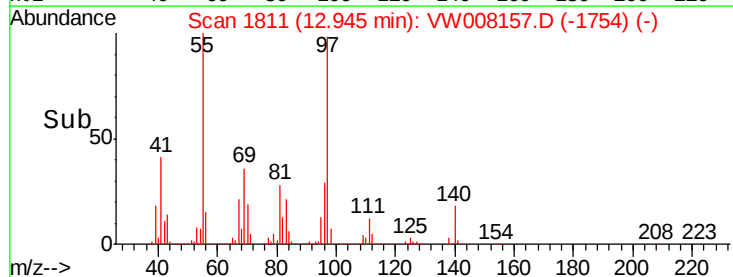
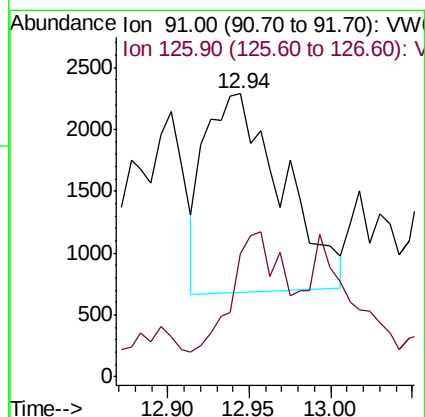
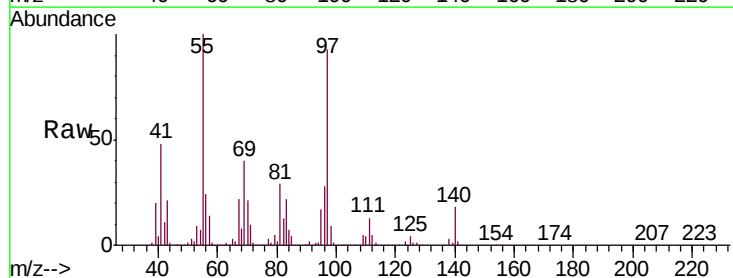
Acq: 10 Jan 2019 19:01

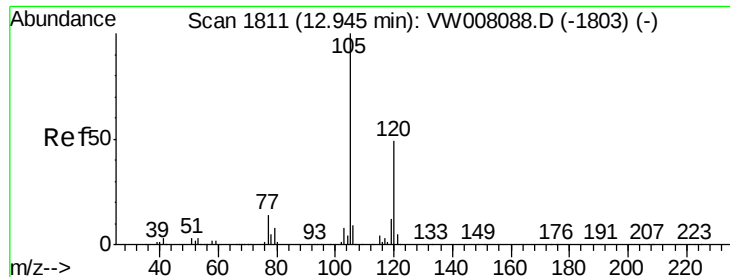
Tgt Ion: 91 Resp: 5303

Ion Ratio Lower Upper

91 100

126 40.8 16.8 50.3





#80

1,3,5-Trimethylbenzene

Concen: 20.456 ug/l

RT: 13.11 min Scan# 1838

Delta R.T. 0.16 min

Lab File: VW008157.D

Acq: 10 Jan 2019 19:01

Instrument :

MSVOA_W

ClientSampleId :

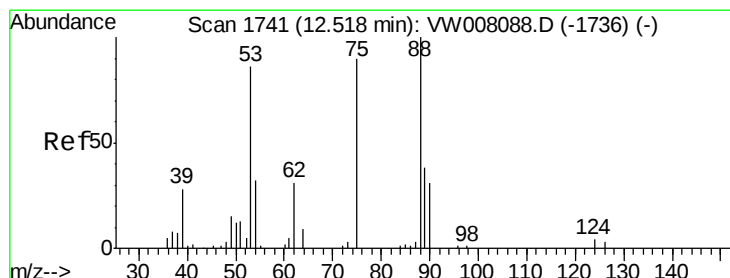
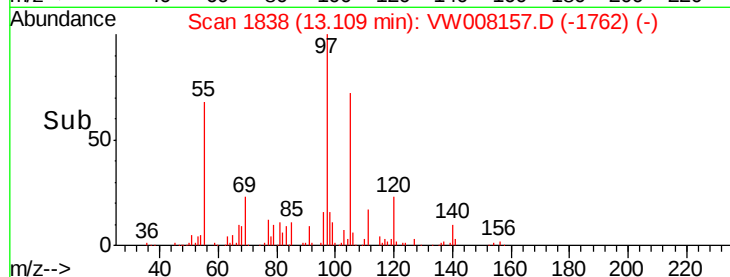
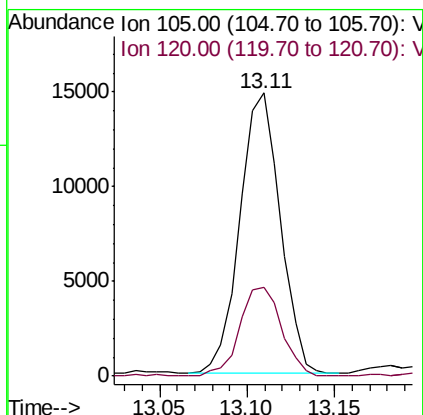
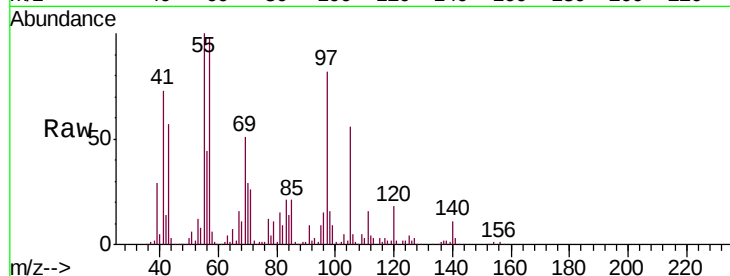
CPSB-04(15-20)

Tgt Ion:105 Resp: 23782

Ion Ratio Lower Upper

105 100

120 32.9 24.7 74.1



#81

trans-1,4-Dichloro-2-butene

Concen: 9.455 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.05 min

Lab File: VW008157.D

Acq: 10 Jan 2019 19:01

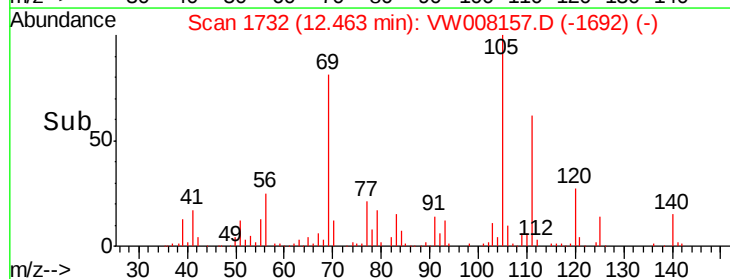
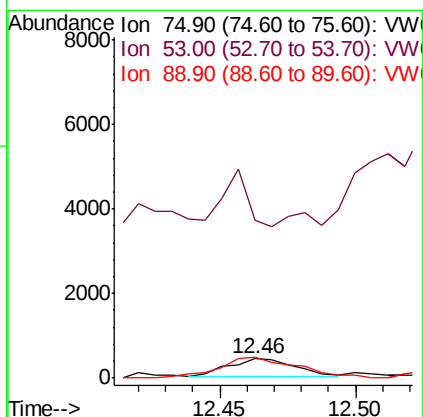
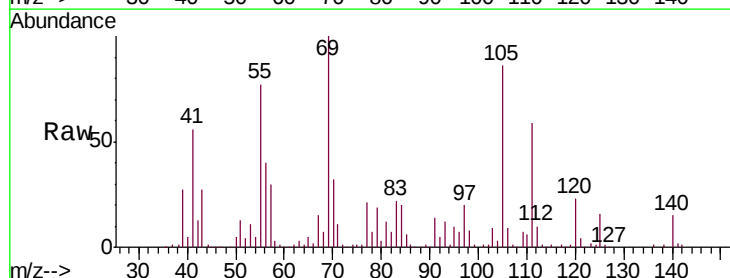
Tgt Ion: 75 Resp: 667

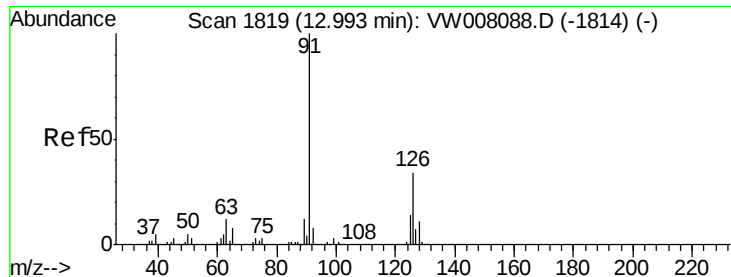
Ion Ratio Lower Upper

75 100

53 118.6 78.8 118.2#

89 148.0 35.4 53.2#





#82

4-Chlorotoluene

Concen: 4.789 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.05 min

Lab File: VW008157.D

Acq: 10 Jan 2019 19:01

Instrument :

MSVOA_W

ClientSampleId :

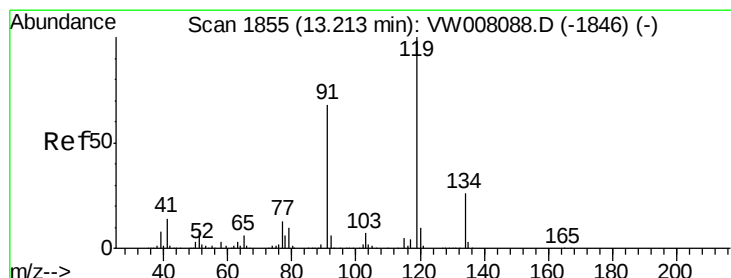
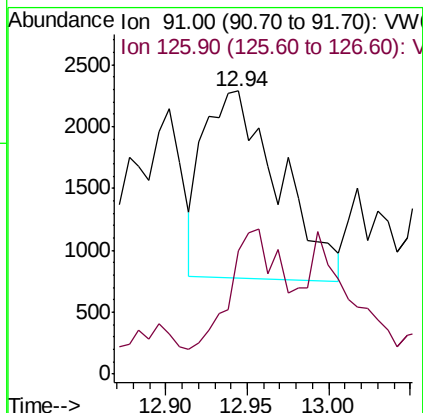
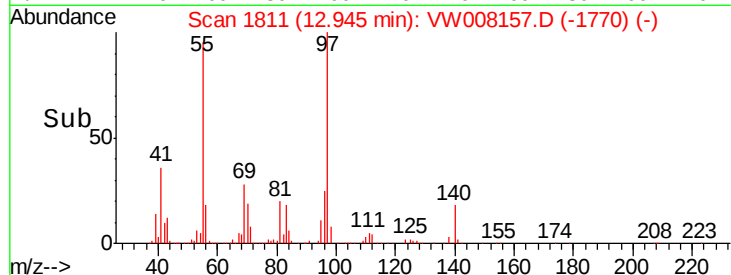
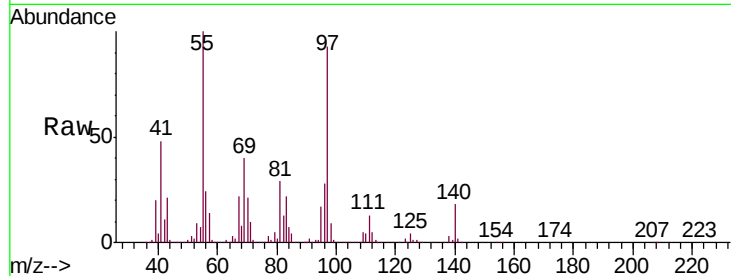
CPSB-04(15-20)

Tgt Ion: 91 Resp: 4878

Ion Ratio Lower Upper

91 100

126 47.9 16.5 49.5



#83

tert-Butylbenzene

Concen: 7.986 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.01 min

Lab File: VW008157.D

Acq: 10 Jan 2019 19:01

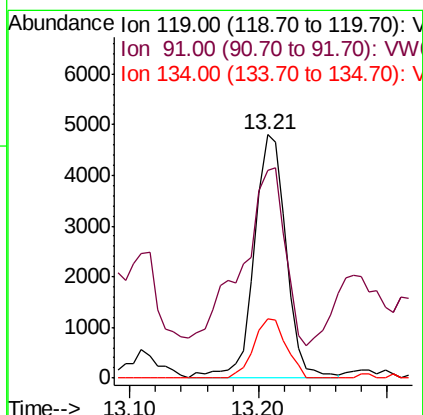
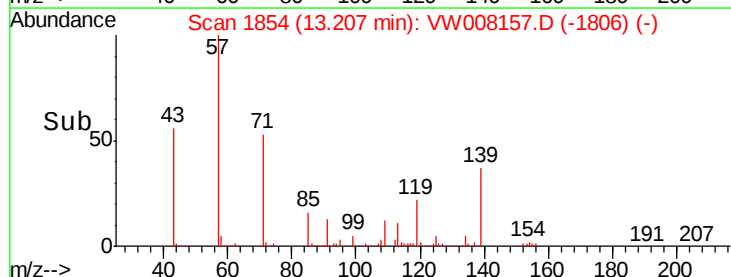
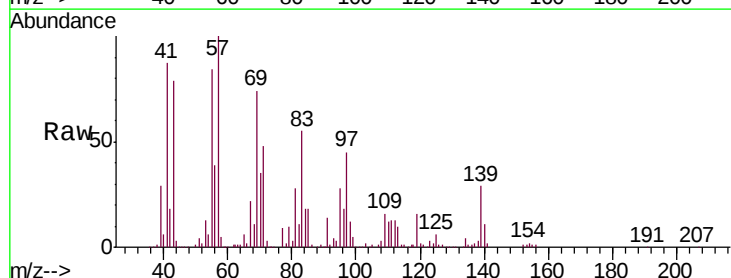
Tgt Ion: 119 Resp: 8214

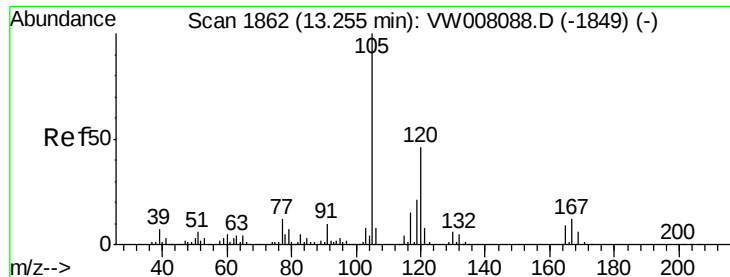
Ion Ratio Lower Upper

119 100

91 98.3 33.9 101.6

134 24.8 13.6 40.8

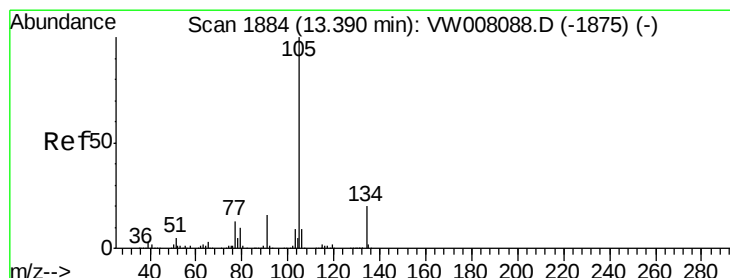
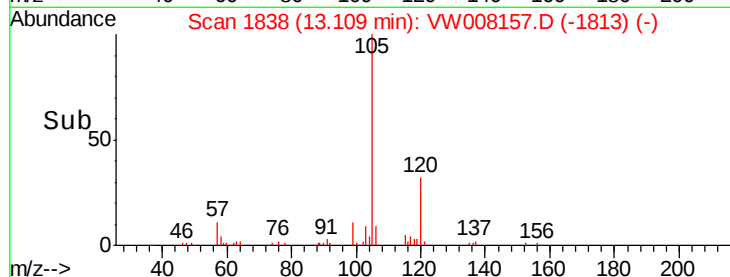
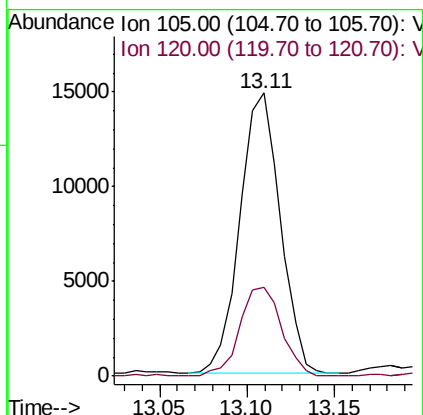
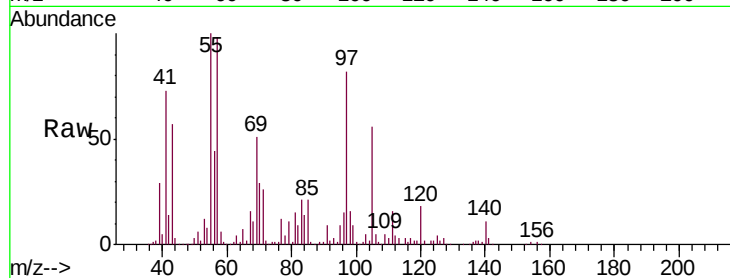




#84
1,2,4-Trimethylbenzene
Concen: 19.834 ug/l
RT: 13.11 min Scan# 1838
Delta R.T. -0.15 min
Lab File: VW008157.D
Acq: 10 Jan 2019 19:01

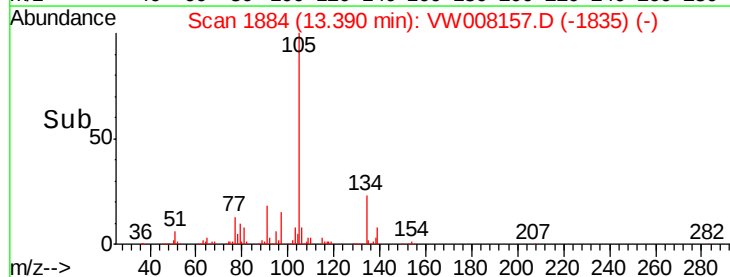
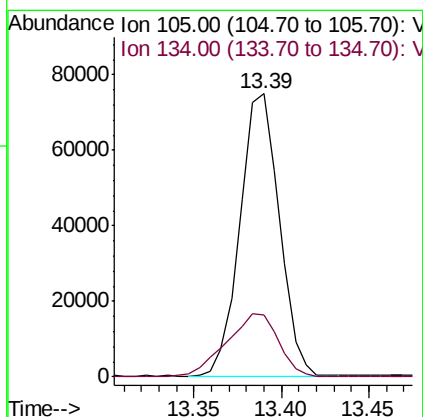
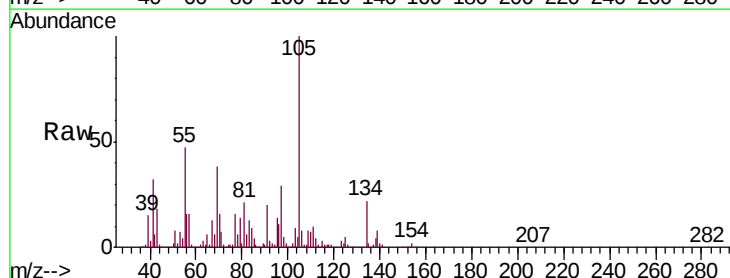
Instrument :
MSVOA_W
ClientSampleId :
CPSB-04(15-20)

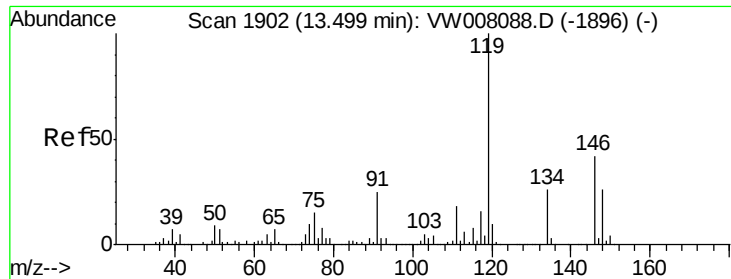
Tgt Ion:105 Resp: 23782
Ion Ratio Lower Upper
105 100
120 32.9 22.7 68.1



#85
sec-Butylbenzene
Concen: 77.895 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VW008157.D
Acq: 10 Jan 2019 19:01

Tgt Ion:105 Resp: 117359
Ion Ratio Lower Upper
105 100
134 29.7 10.1 30.1

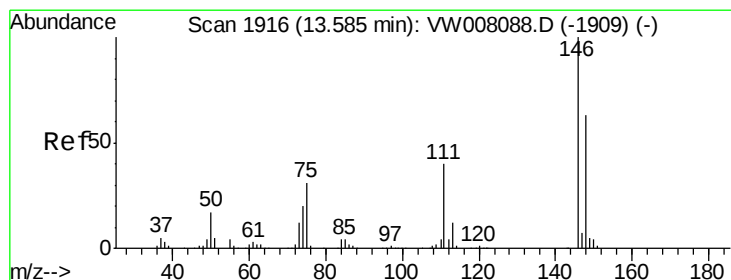
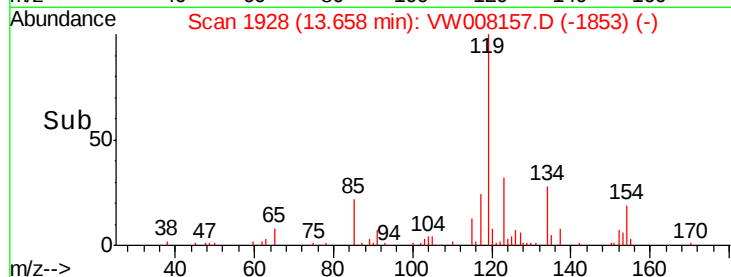
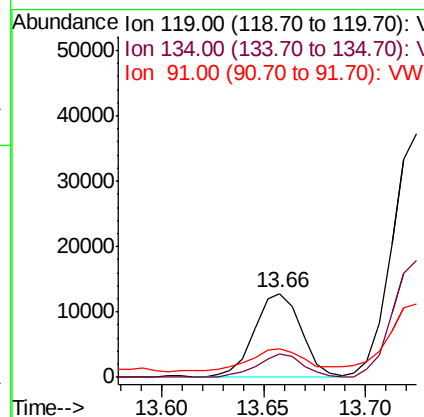
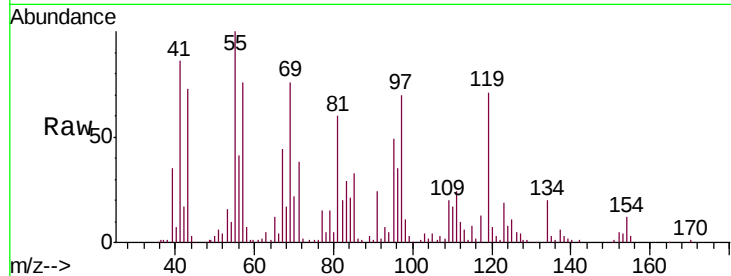




#86
 p-Isopropyltoluene
 Concen: 15.548 ug/l
 RT: 13.66 min Scan# 1928
 Delta R.T. 0.16 min
 Lab File: VW008157.D
 Acq: 10 Jan 2019 19:01

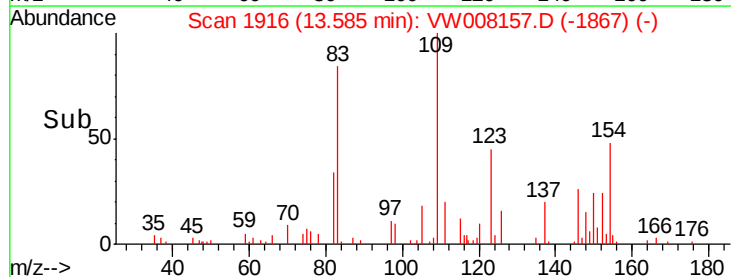
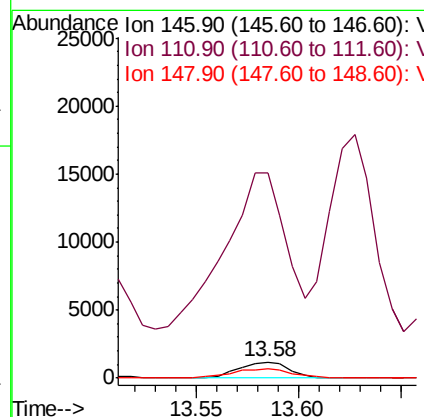
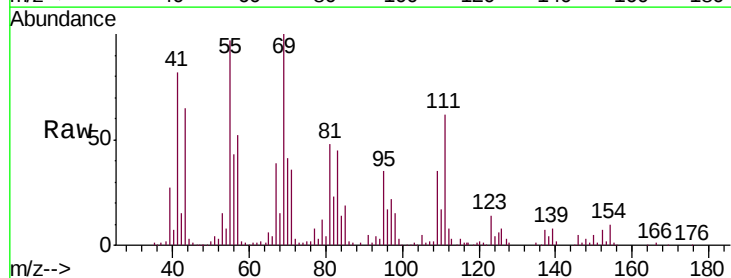
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-04(15-20)

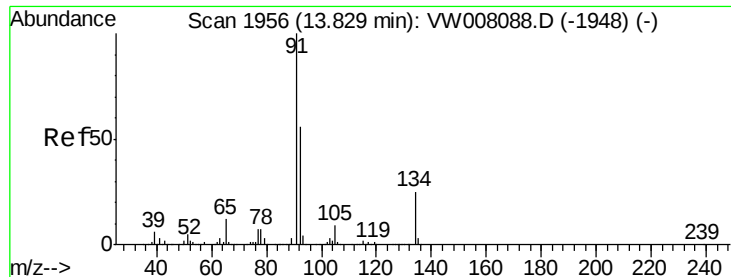
Tgt Ion:119 Resp: 20229
 Ion Ratio Lower Upper
 119 100
 134 27.7 13.3 39.8
 91 30.7 12.3 36.9



#88
 1,4-Dichlorobenzene
 Concen: 3.342 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW008157.D
 Acq: 10 Jan 2019 19:01

Tgt Ion:146 Resp: 2033
 Ion Ratio Lower Upper
 146 100
 111 1169.6 20.5 61.5#
 148 71.0 31.6 94.8





#89

n-Butylbenzene

Concen: 57.596 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008157.D

Acq: 10 Jan 2019 19:01

Instrument :

MSVOA_W

ClientSampleId :

CPSB-04(15-20)

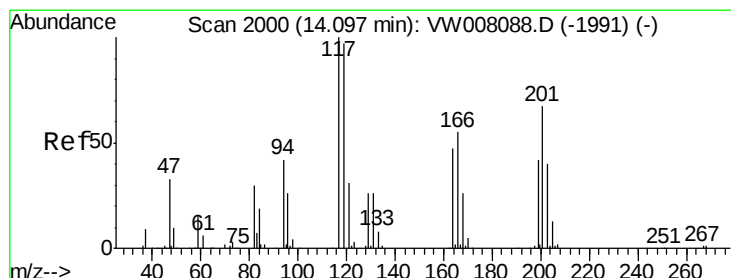
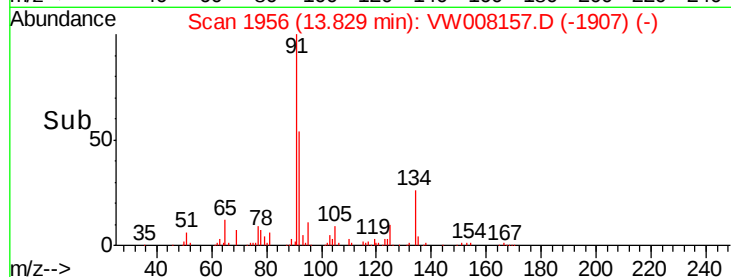
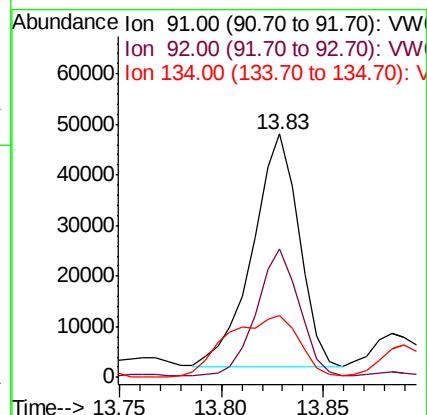
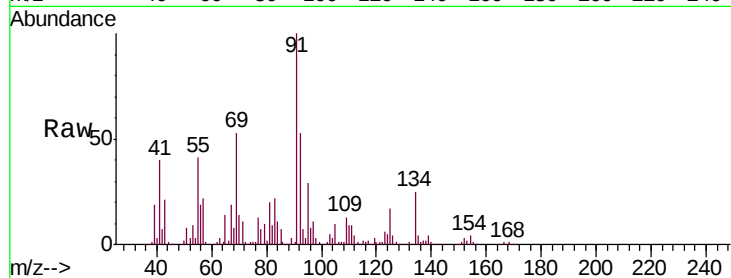
Tgt Ion: 91 Resp: 73392

Ion Ratio Lower Upper

91 100

92 49.7 27.4 82.2

134 40.6 12.6 37.8#



#90

Hexachloroethane

Concen: 92.136 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW008157.D

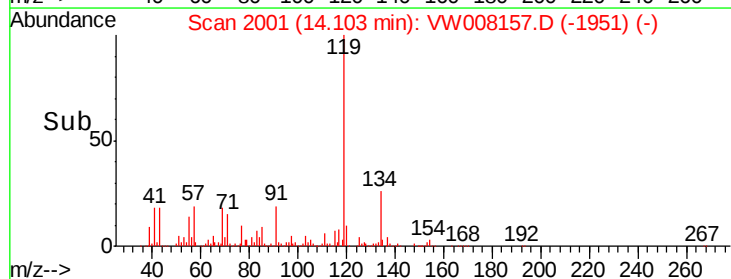
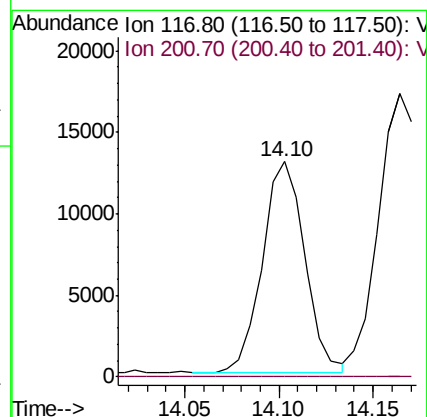
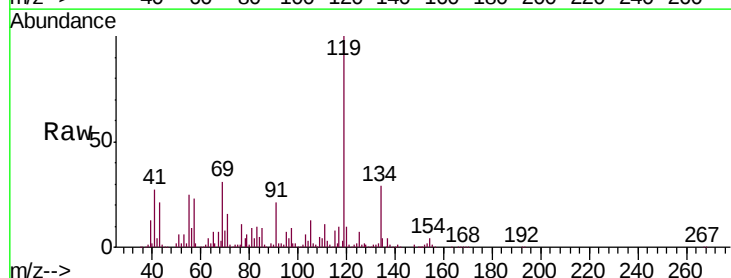
Acq: 10 Jan 2019 19:01

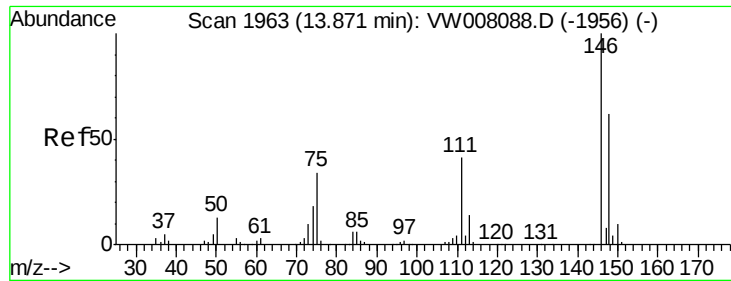
Tgt Ion: 117 Resp: 20247

Ion Ratio Lower Upper

117 100

201 0.0 33.0 98.9#

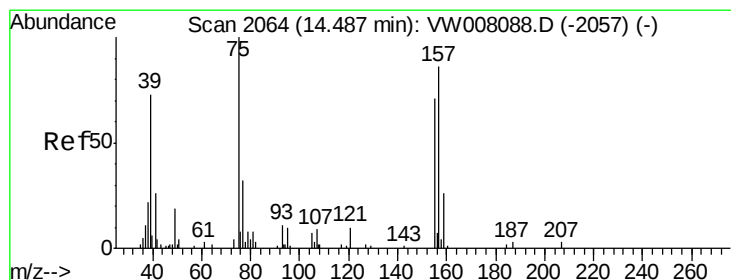
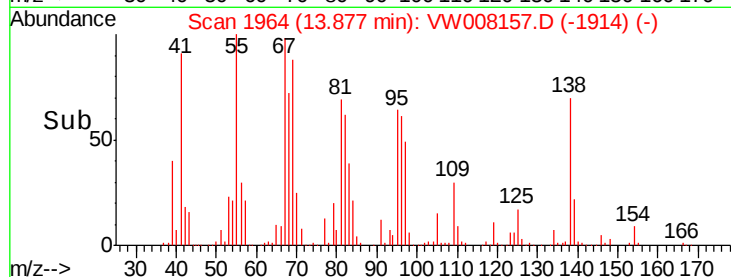
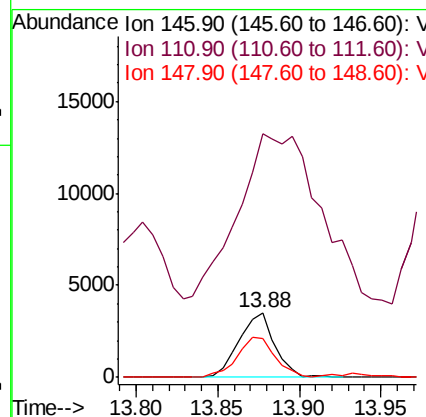
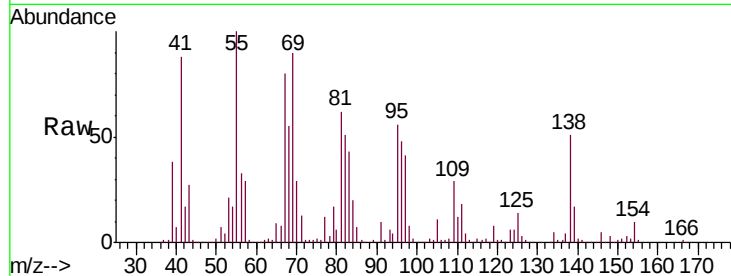




#91
 1,2-Dichlorobenzene
 Concen: 9.975 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.01 min
 Lab File: VW008157.D
 Acq: 10 Jan 2019 19:01

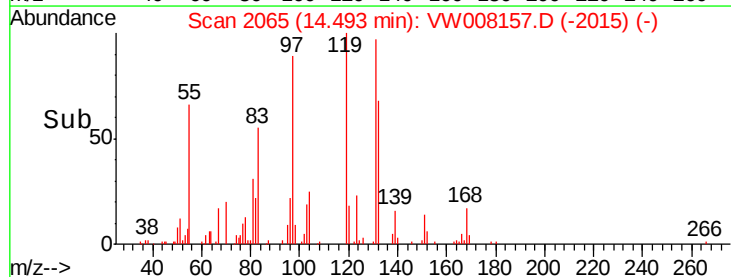
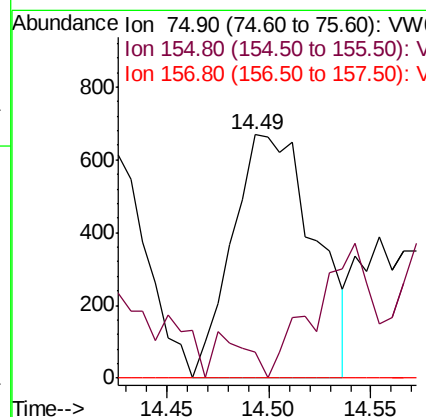
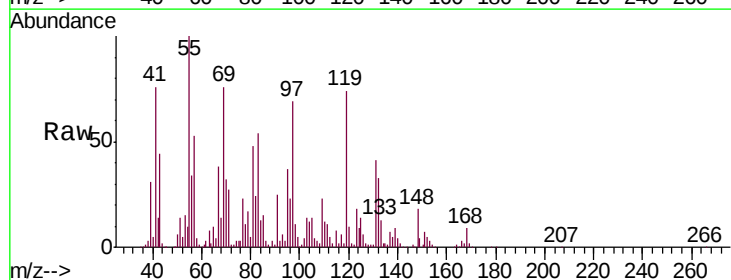
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-04(15-20)

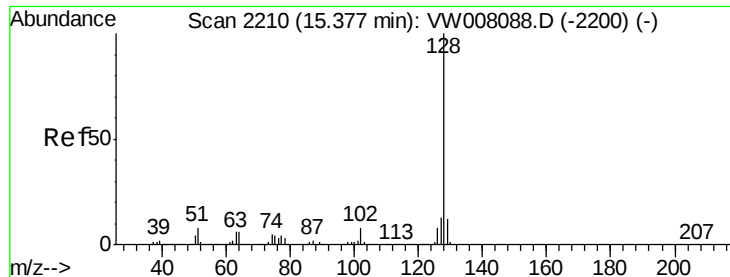
Tgt Ion:146 Resp: 5316
 Ion Ratio Lower Upper
 146 100
 111 763.6 21.3 63.7#
 148 66.2 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.313 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW008157.D
 Acq: 10 Jan 2019 19:01

Tgt Ion: 75 Resp: 1870
 Ion Ratio Lower Upper
 75 100
 155 7.4 38.6 115.7#
 157 0.0 47.5 142.6#

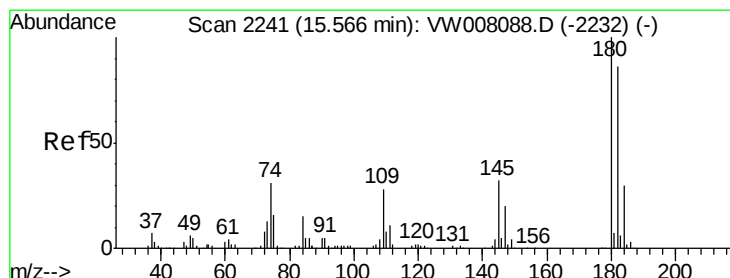
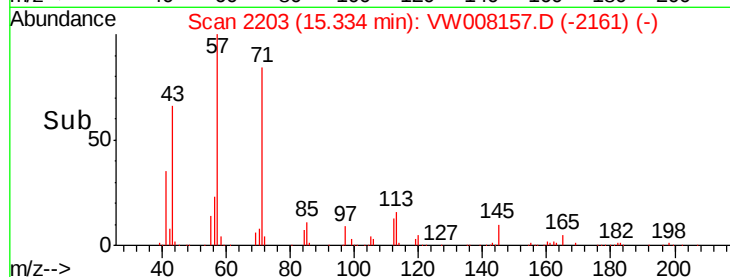
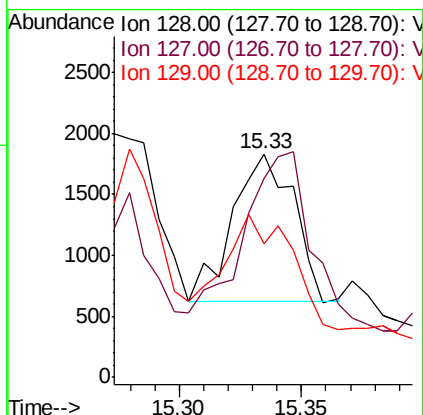
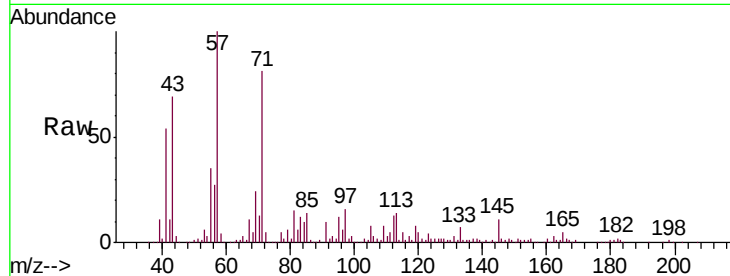




#95
Naphthalene
Concen: 3.173 ug/l
RT: 15.33 min Scan# 2203
Delta R.T. -0.04 min
Lab File: VW008157.D
Acq: 10 Jan 2019 19:01

Instrument :
MSVOA_W
ClientSampleId :
CPSB-04(15-20)

Tgt Ion:128 Resp: 2096
Ion Ratio Lower Upper
128 100
127 136.7 11.0 16.4#
129 104.4 9.0 13.6#



#96
1,2,3-Trichlorobenzene
Concen: 6.787 ug/l
RT: 15.58 min Scan# 2243
Delta R.T. 0.01 min
Lab File: VW008157.D
Acq: 10 Jan 2019 19:01

Tgt Ion:180 Resp: 2047
Ion Ratio Lower Upper
180 100
182 25.6 46.5 139.3#
145 0.0 17.4 52.2#

