

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010419\
 Data File : VW008059.D
 Acq On : 04 Jan 2019 20:22
 Operator : SY/AP
 Sample : K1044-07RE
 Misc : 5.08G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Jan 05 00:44:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 03 05:03:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	70528	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	118315	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	88878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	27540	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	43082	55.23	ug/l	0.00
Spiked Amount			Recovery	=	110.46%	
35) Dibromofluoromethane	7.88	113	37075	49.71	ug/l	0.00
Spiked Amount			Recovery	=	99.42%	
50) Toluene-d8	10.32	98	132099	47.21	ug/l	0.00
Spiked Amount			Recovery	=	94.42%	
62) 4-Bromofluorobenzene	12.62	95	42406	39.52	ug/l	0.00
Spiked Amount			Recovery	=	79.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.22	59	577	11.385	ug/l #	71
13) Acrolein	3.85	56	218	6.349	ug/l #	1
16) Acetone	4.15	43	3965	32.836	ug/l	99
17) Carbon Disulfide	4.38	76	50063	23.145	ug/l	96
20) Methylene Chloride	4.92	84	3746	2.786	ug/l #	94
24) 1,1-Dichloroethane	6.21	63	3215	2.513	ug/l #	95
25) 2-Butanone	7.19	43	1275	8.962	ug/l	91
31) Cyclohexane	7.95	56	3223	2.703	ug/l #	49
36) 1,1-Dichloropropene	7.95	75	5574	4.776	ug/l #	49
38) Carbon Tetrachloride	7.95	117	8157	5.832	ug/l #	15
39) Methylcyclohexane	9.34	83	6878	4.728	ug/l	97
40) Benzene	8.32	78	24929	8.096	ug/l	97
41) Methacrylonitrile	7.70	41	4772	23.151	ug/l #	1
44) Trichloroethene	9.09	130	4832	5.318	ug/l	98
48) Methyl methacrylate	9.46	41	714	2.022	ug/l #	37
51) 4-Methyl-2-Pentanone	10.25	43	2737	8.441	ug/l #	80
52) Toluene	10.39	92	60274	29.653	ug/l	98
55) 1,1,2-Trichloroethane	10.76	97	4531	8.589	ug/l #	28
56) Ethyl methacrylate	10.63	69	1114	1.868	ug/l #	49
59) 2-Hexanone	10.94	43	11161	49.860	ug/l #	29
60) Dibromochloromethane	10.87	129	2434	3.371	ug/l #	11
64) Tetrachloroethene	10.87	164	2456	4.000	ug/l	91
67) Ethyl Benzene	11.73	91	182160	54.028	ug/l	98
68) m/p-Xylenes	11.85	106	41994	32.217	ug/l	93
69) o-Xylene	12.17	106	53942	44.474	ug/l	94
70) Styrene	12.18	104	5039	2.549	ug/l #	1
73) Isopropylbenzene	12.47	105	32333	14.764	ug/l	99
74) N-amyl acetate	12.26	43	43459	127.489	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	12.69	83	4397	15.780	ug/l #	26
76) 1,2,3-Trichloropropane	12.81	75	795	3.629	ug/l #	1
78) n-propylbenzene	12.81	91	97505	38.403	ug/l	99
79) 2-Chlorotoluene	12.90	91	14889	10.146	ug/l #	54
80) 1,3,5-Trimethylbenzene	12.95	105	167380	88.795	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.62	75	20918	225.783	ug/l #	9

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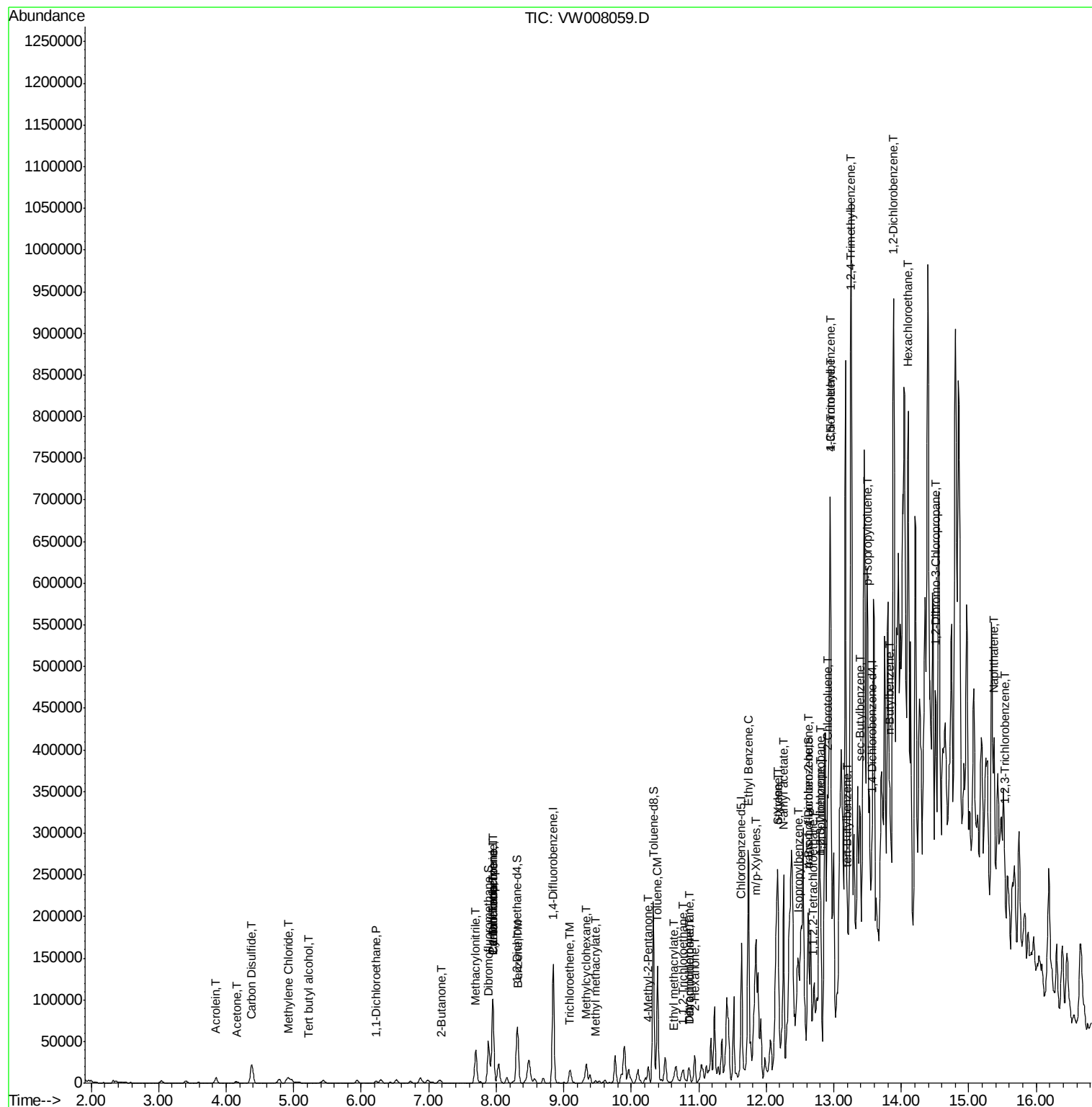
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	12.94	91	19174	12.288	ug/l #	53
83) tert-Butylbenzene	13.21	119	2316	1.404	ug/l #	35
84) 1,2,4-Trimethylbenzene	13.26	105	490708	257.007	ug/l	95
85) sec-Butylbenzene	13.39	105	66753	29.423	ug/l	81
86) p-Isopropyltoluene	13.51	119	57750	28.221	ug/l	98
89) n-Butylbenzene	13.83	91	65817	35.163	ug/l #	73
90) Hexachloroethane	14.10	117	17671	49.766	ug/l #	12
91) 1,2-Dichlorobenzene	13.88	146	900	1.078	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.51	75	886	15.667	ug/l #	2
95) Naphthalene	15.38	128	169298	169.587	ug/l	97
96) 1,2,3-Trichlorobenzene	15.54	180	2074	4.300	ug/l #	1

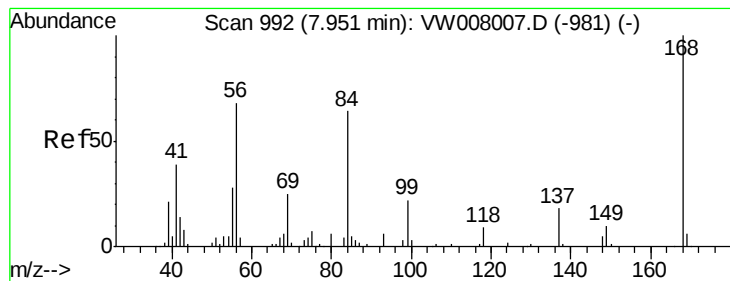
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008059.D

Acq: 04 Jan 2019 20:22

Instrument :

MSVOA_W

ClientSampleId :

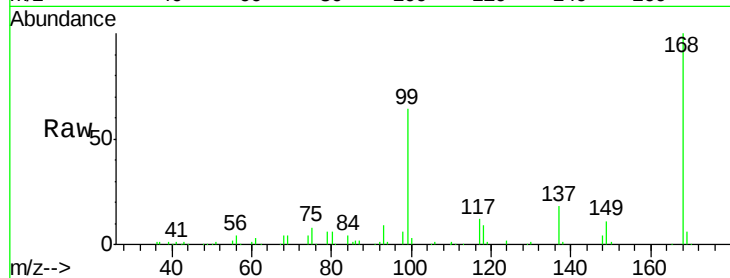
CPSB-09(10-15)

Tot Ion:168 Resp: 70528

Ion Ratio Lower Upper

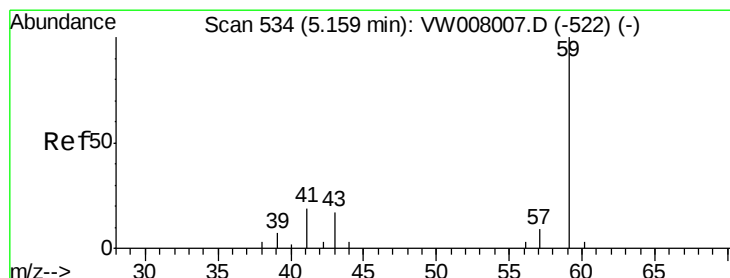
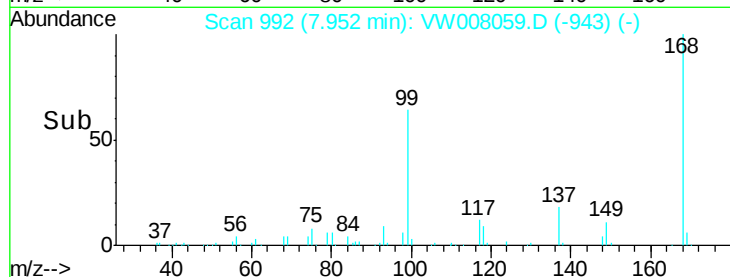
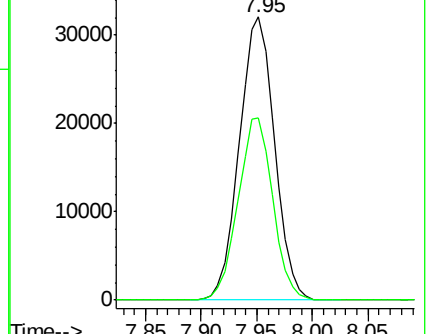
168 100

99 64.4 51.6 77.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 11.385 ug/l

RT: 5.22 min Scan# 544

Delta R.T. 0.06 min

Lab File: VW008059.D

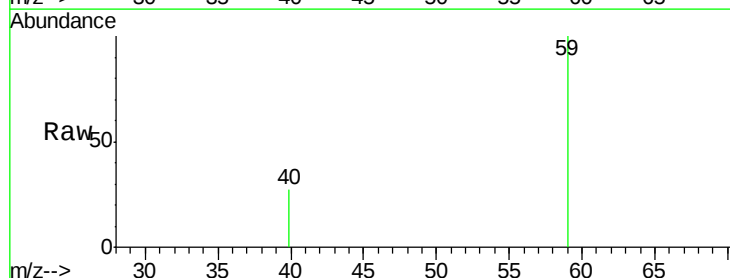
Acq: 04 Jan 2019 20:22

Tgt Ion: 59 Resp: 577

Ion Ratio Lower Upper

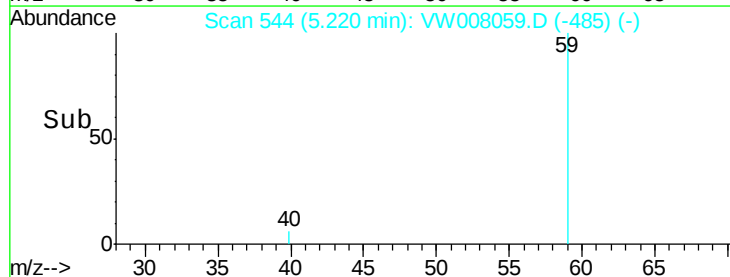
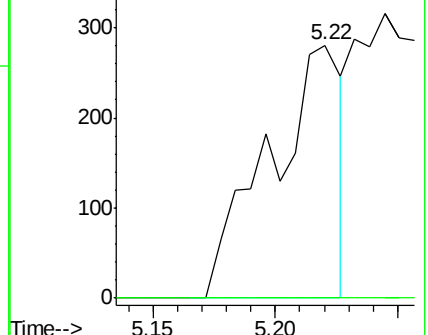
59 100

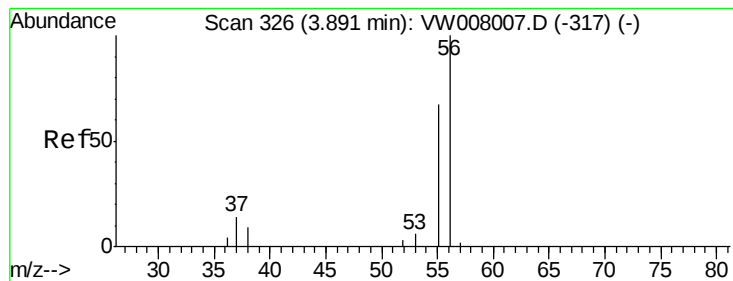
57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#13

Acrolein

Concen: 6.349 ug/l

RT: 3.85 min Scan# 319

Delta R.T. -0.04 min

Lab File: VW008059.D

Acq: 04 Jan 2019 20:22

Instrument :

MSVOA_W

ClientSampleId :

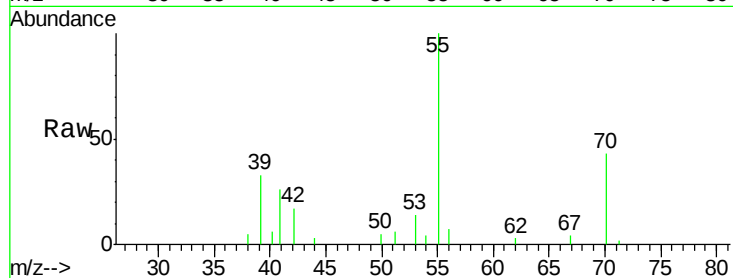
CPSB-09(10-15)

Tot Ion: 56 Resp: 218

Ion Ratio Lower Upper

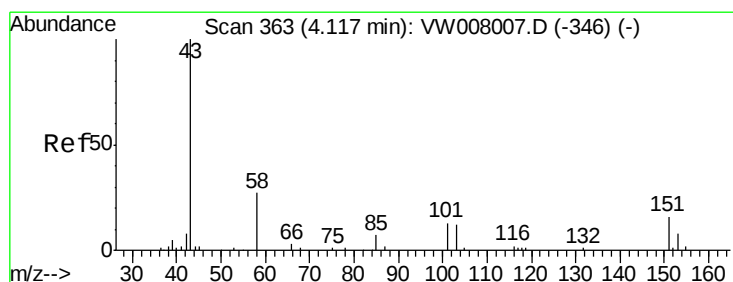
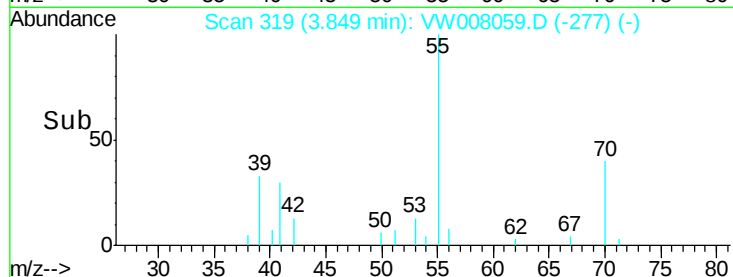
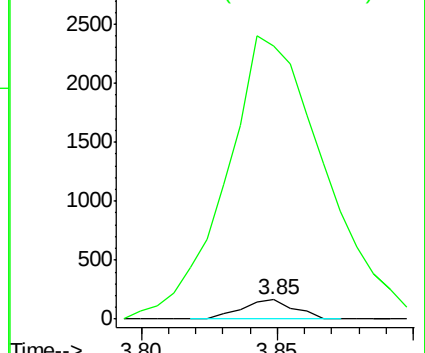
56 100

55 2779.4 57.3 85.9#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#16

Acetone

Concen: 32.836 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.04 min

Lab File: VW008059.D

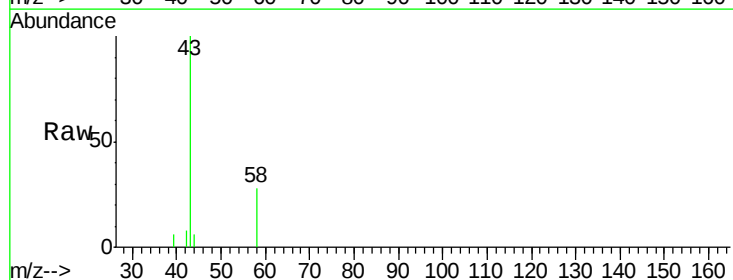
Acq: 04 Jan 2019 20:22

Tgt Ion: 43 Resp: 3965

Ion Ratio Lower Upper

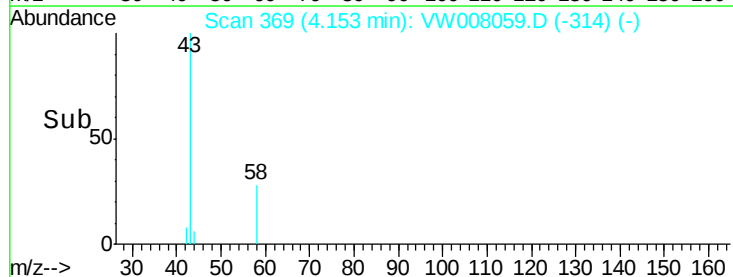
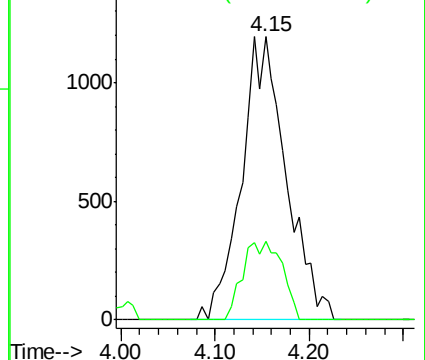
43 100

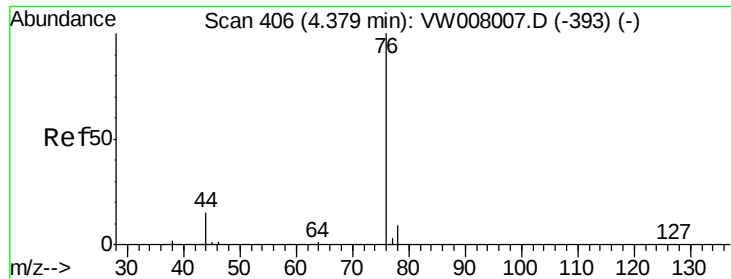
58 27.7 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 23.145 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW008059.D

Acq: 04 Jan 2019 20:22

Instrument :

MSVOA_W

ClientSampleId :

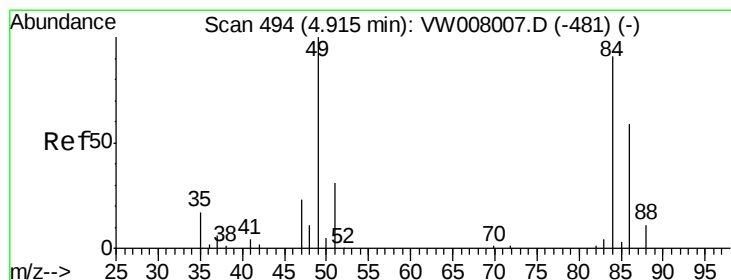
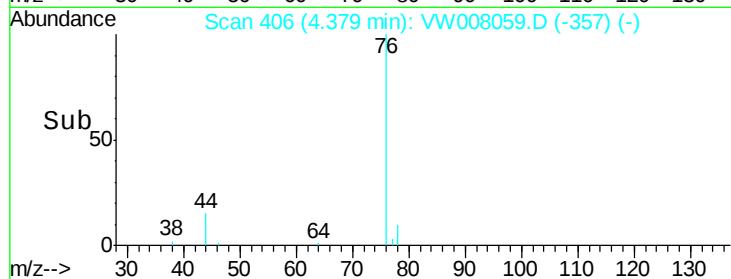
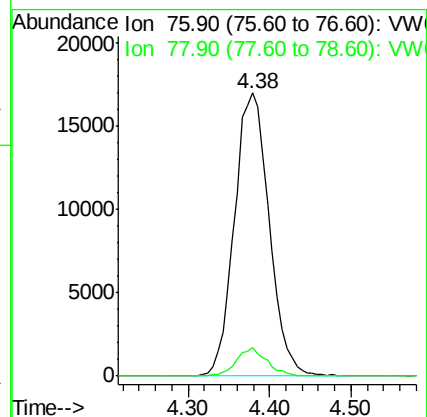
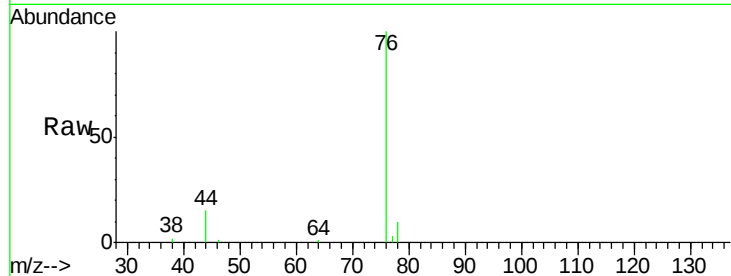
CPSB-09(10-15)

Tot Ion: 76 Resp: 50063

Ion Ratio Lower Upper

76 100

78 10.0 7.0 10.4



#20

Methylene Chloride

Concen: 2.786 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW008059.D

Acq: 04 Jan 2019 20:22

Tgt Ion: 84 Resp: 3746

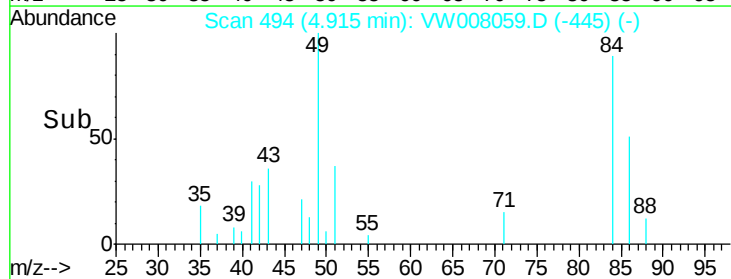
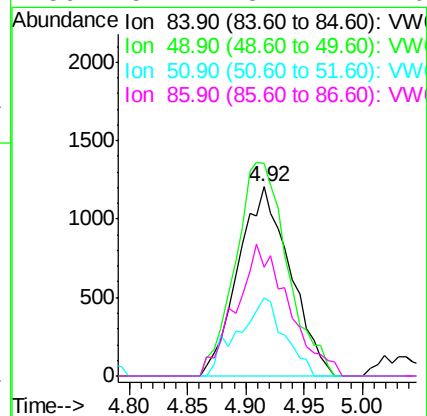
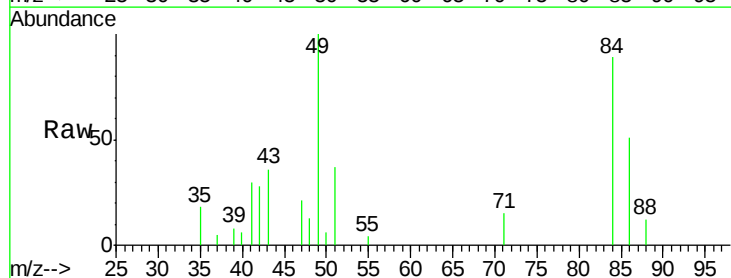
Ion Ratio Lower Upper

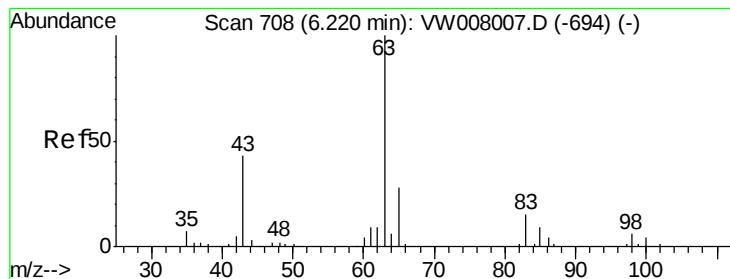
84 100

49 112.4 87.7 131.5

51 41.0 27.3 40.9#

86 57.2 51.4 77.0





#24

1,1-Dichloroethane

Concen: 2.513 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW008059.D

Acq: 04 Jan 2019 20:22

Instrument :

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ClientSampleId :

CPSB-09(10-15)

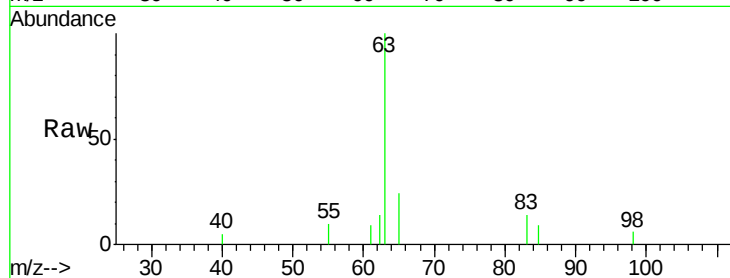
Tot Ion: 63 Resp: 3215

Ion Ratio Lower Upper

63 100

98 6.2 3.2 9.6

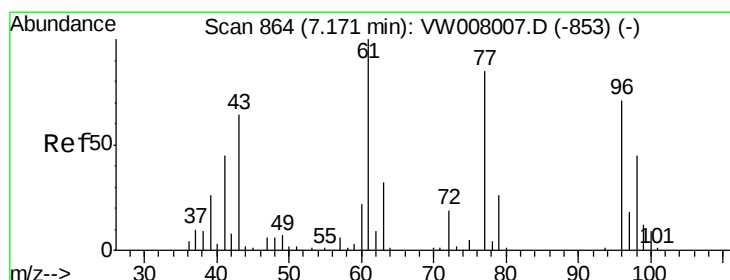
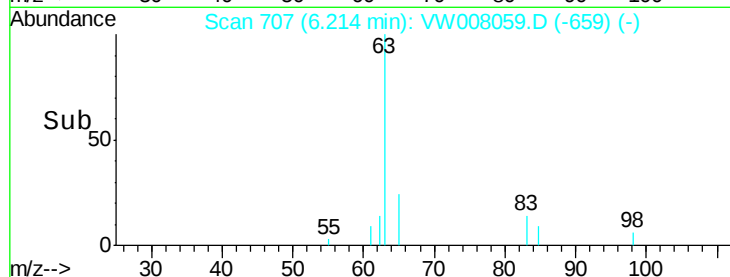
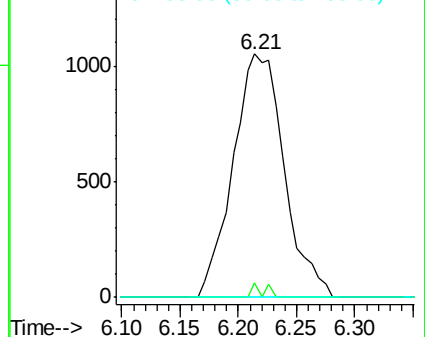
100 0.0 2.1 6.2#



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



#25

2-Butanone

Concen: 8.962 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.02 min

Lab File: VW008059.D

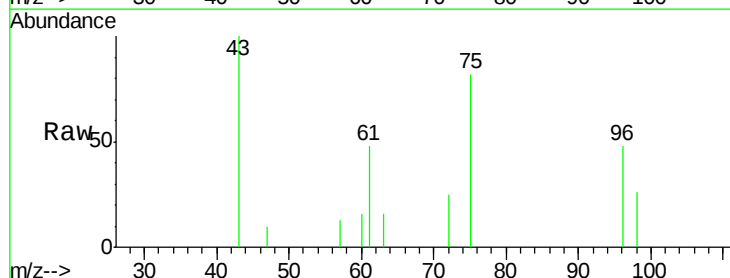
Acq: 04 Jan 2019 20:22

Tgt Ion: 43 Resp: 1275

Ion Ratio Lower Upper

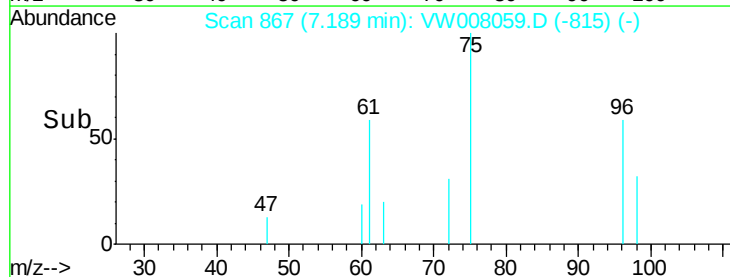
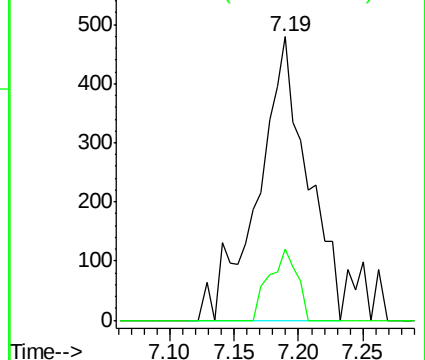
43 100

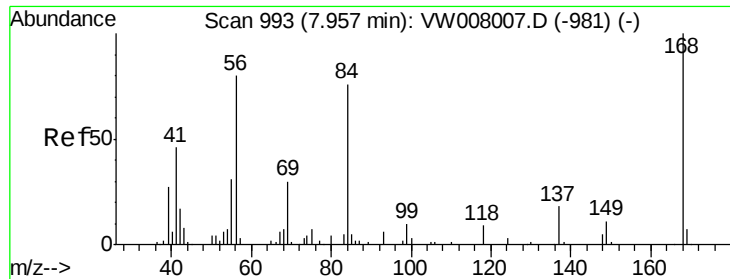
72 25.1 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

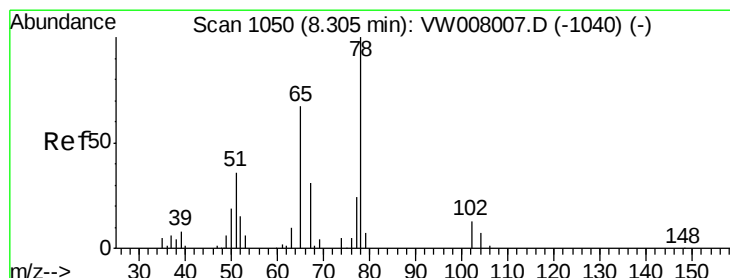
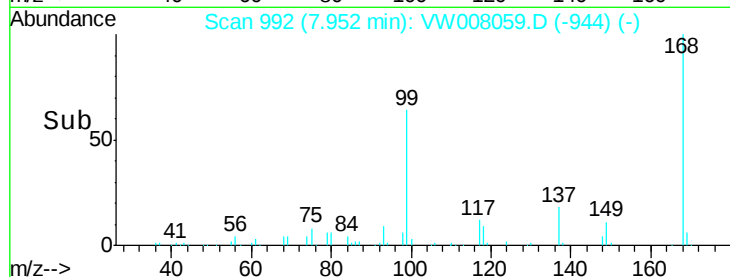
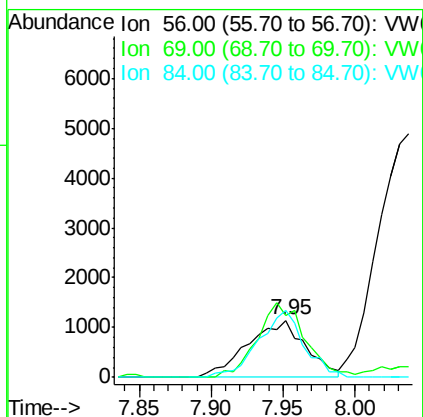
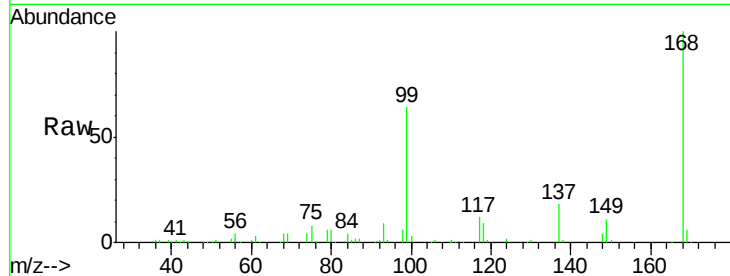




#31
Cyclohexane
Concen: 2.703 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW008059.D
Acq: 04 Jan 2019 20:22

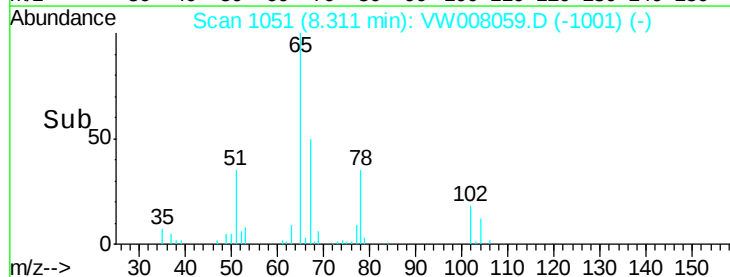
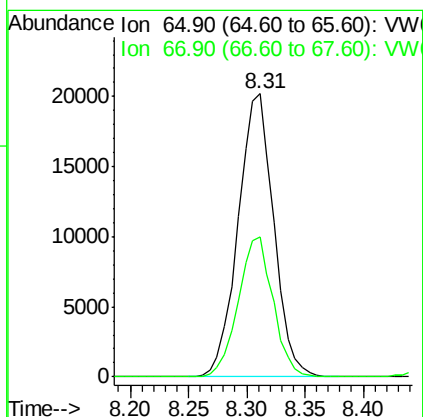
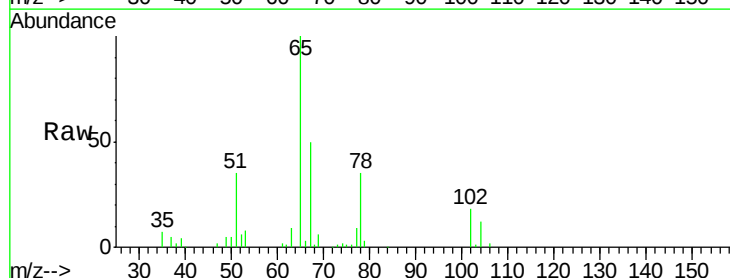
Instrument :
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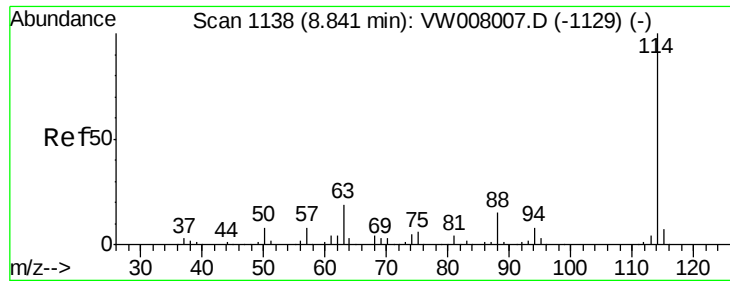
Tot Ion: 56 Resp: 3223
Ion Ratio Lower Upper
56 100
69 107.8 29.8 44.6#
84 117.8 75.2 112.8#



#33
1,2-Dichloroethane-d4
Concen: 55.228 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VW008059.D
Acq: 04 Jan 2019 20:22

Tgt Ion: 65 Resp: 43082
Ion Ratio Lower Upper
65 100
67 48.2 0.0 94.8

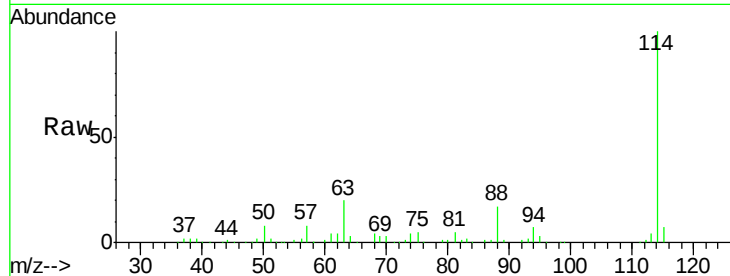




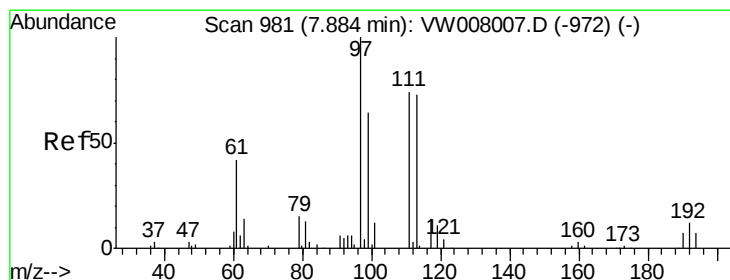
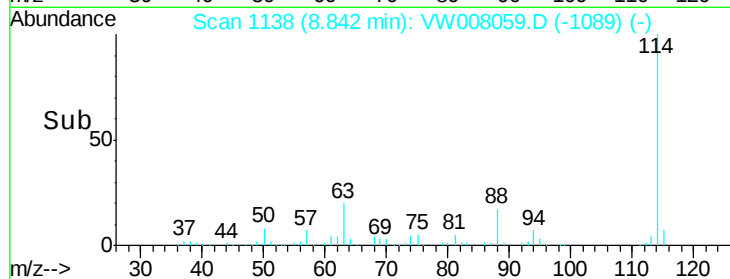
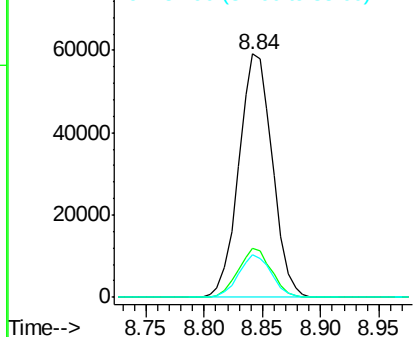
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008059.D
 Acq: 04 Jan 2019 20:22

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

Tot Ion:114 Resp: 118315
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 37.8
 88 17.4 0.0 31.0

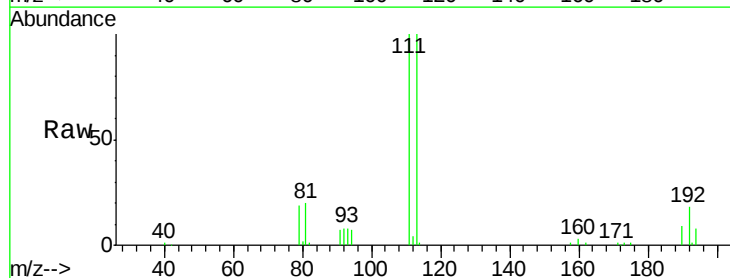


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

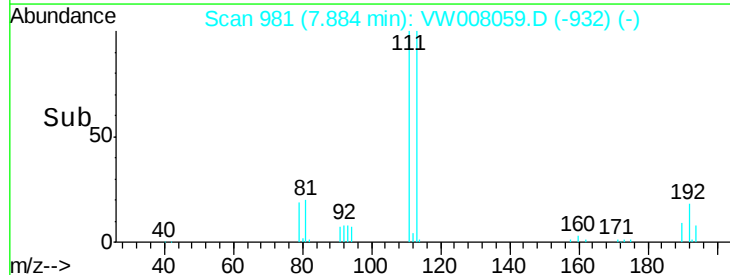
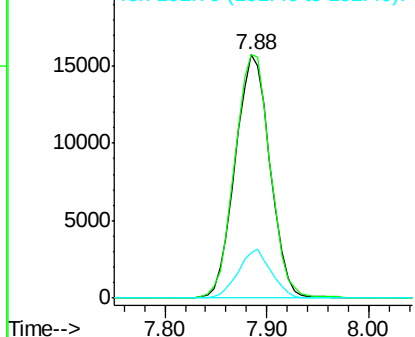


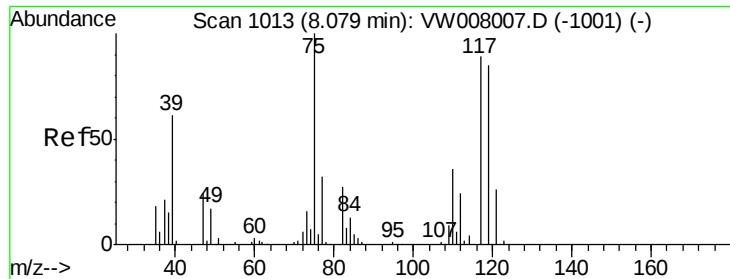
#35
 Dibromofluoromethane
 Concen: 49.707 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008059.D
 Acq: 04 Jan 2019 20:22

Tgt Ion:113 Resp: 37075
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.4 122.0
 192 19.0 14.8 22.2



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

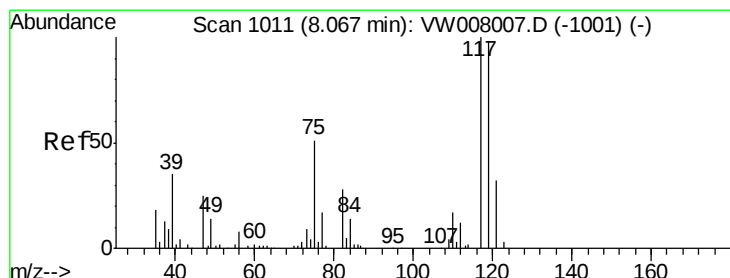
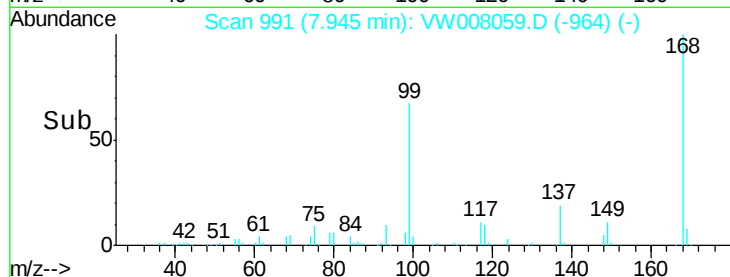
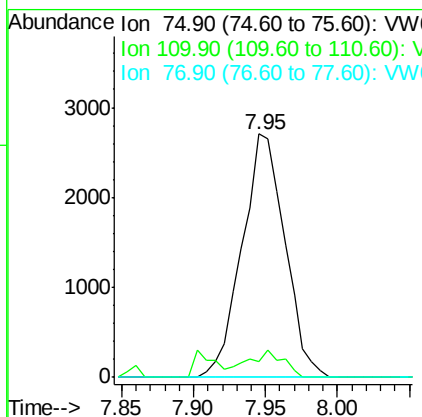
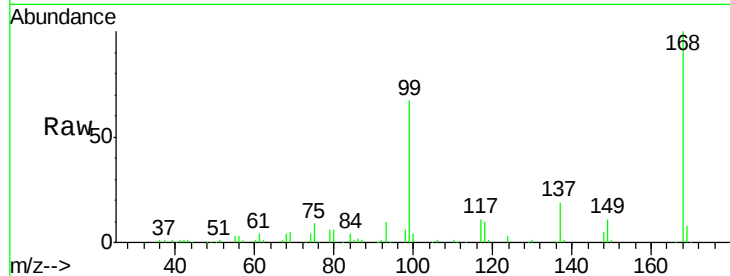




#36
 1,1-Dichloropropene
 Concen: 4.776 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008059.D
 Acq: 04 Jan 2019 20:22

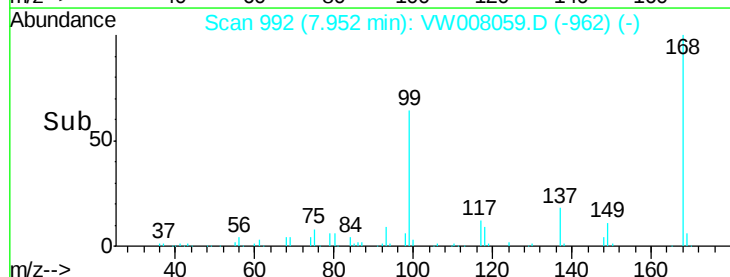
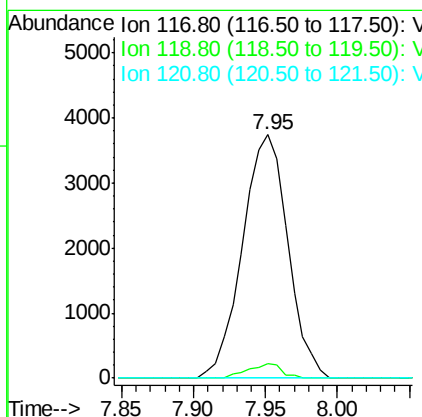
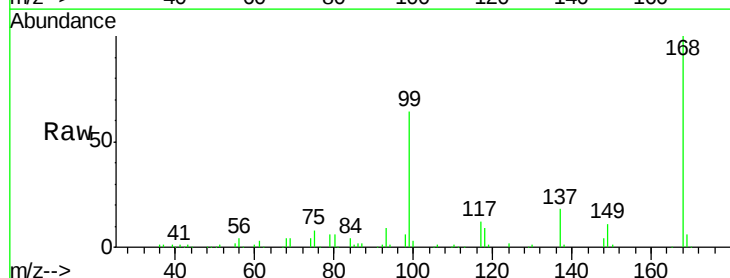
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-09(10-15)

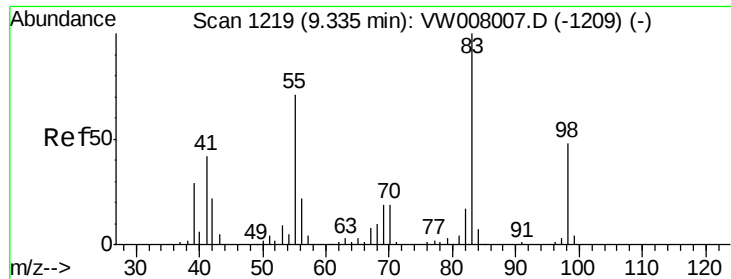
Tot Ion: 75 Resp: 5574
 Ion Ratio Lower Upper
 75 100
 110 9.5 18.1 54.3#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 5.832 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW008059.D
 Acq: 04 Jan 2019 20:22

Tgt Ion: 117 Resp: 8157
 Ion Ratio Lower Upper
 117 100
 119 5.9 78.7 118.1#
 121 0.0 25.8 38.8#

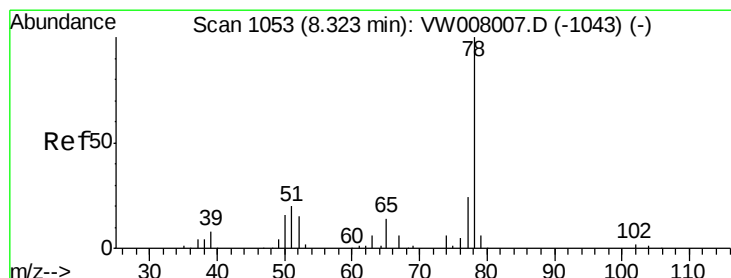
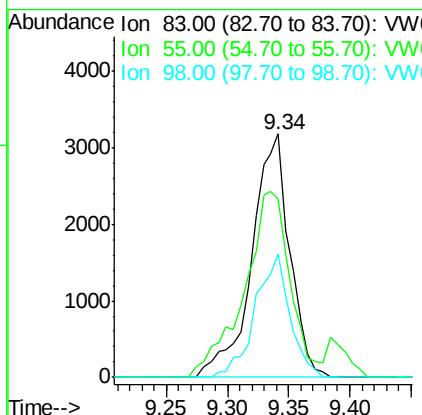
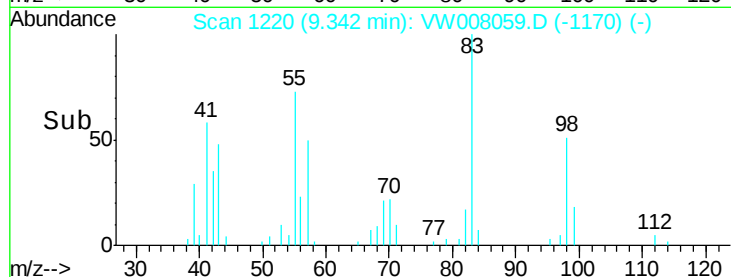
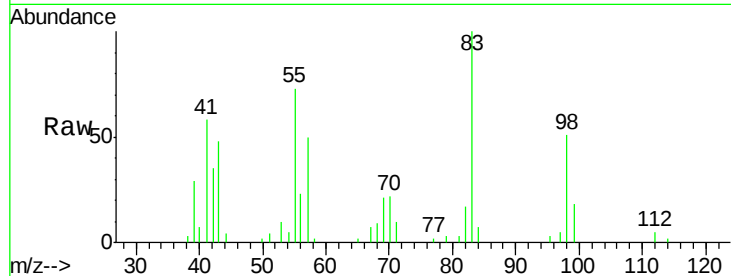




#39
Methvlcvclohexane
Concen: 4.728 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.01 min
Lab File: VW008059.D
Acq: 04 Jan 2019 20:22

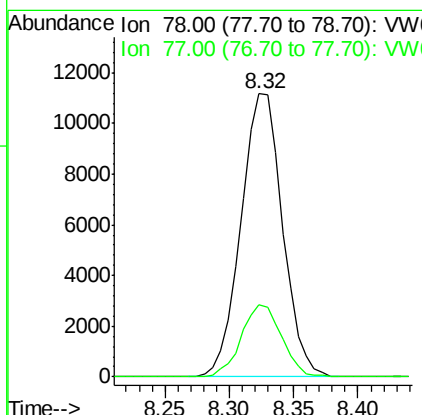
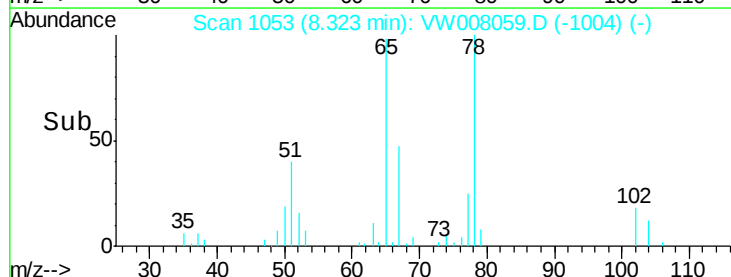
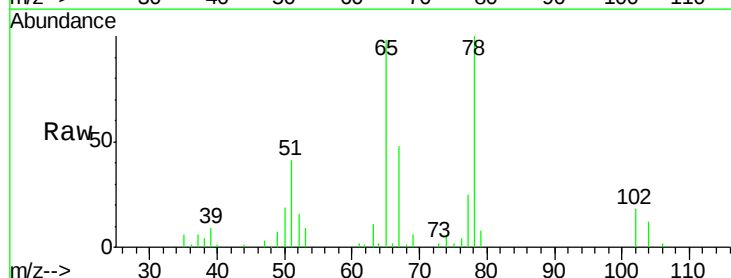
Instrument :
MSVOA_W
ClientSampleId :
CPSB-09(10-15)

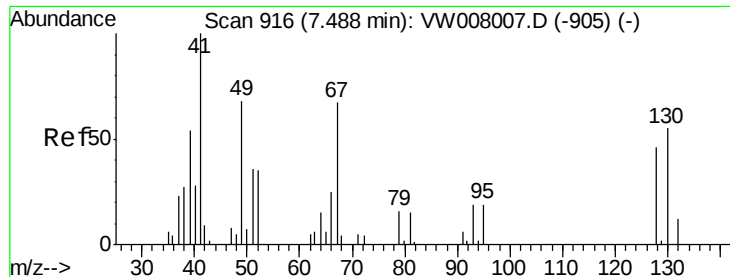
Tot Ion: 83 Resp: 6878
Ion Ratio Lower Upper
83 100
55 73.2 56.8 85.2
98 50.6 38.6 58.0



#40
Benzene
Concen: 8.096 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008059.D
Acq: 04 Jan 2019 20:22

Tgt Ion: 78 Resp: 24929
Ion Ratio Lower Upper
78 100
77 25.4 19.0 28.6





#41

Methacrylonitrile

Concen: 23.151 ug/l

RT: 7.70 min Scan# 951

Delta R.T. 0.21 min

Lab File: VW008059.D

Acq: 04 Jan 2019 20:22

Instrument :

MSVOA_W

ClientSampleId :

CPSB-09(10-15)

Tot Ion: 41 Resp: 4772

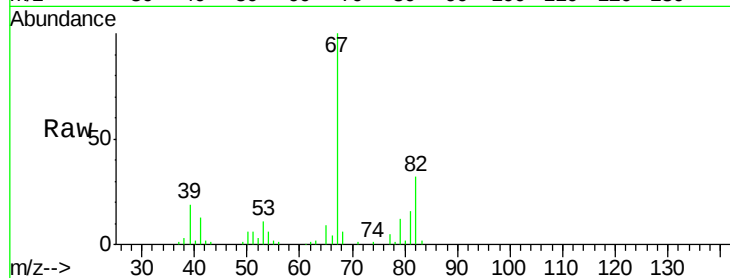
Ion Ratio Lower Upper

41 100

39 145.2 48.6 72.8#

67 741.4 55.6 83.4#

52 24.5 25.9 38.9#

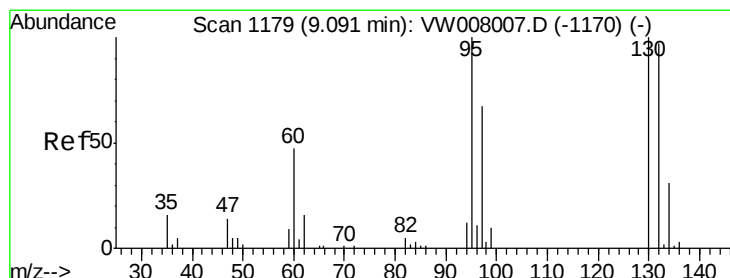
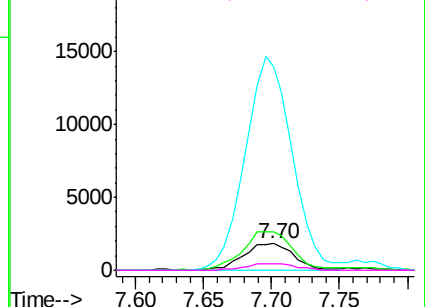
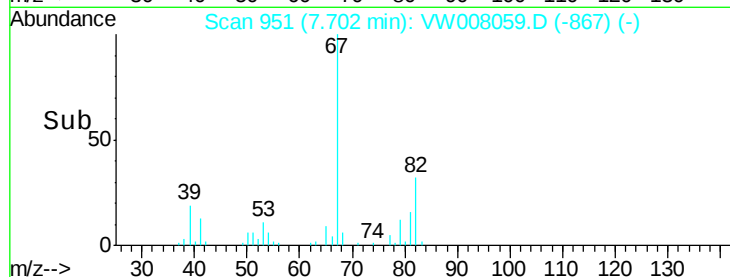


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#44

Trichloroethene

Concen: 5.318 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW008059.D

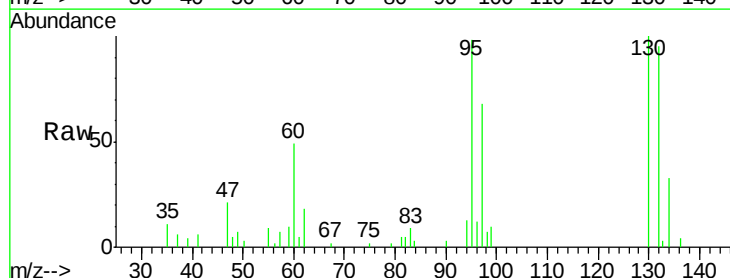
Acq: 04 Jan 2019 20:22

Tgt Ion: 130 Resp: 4832

Ion Ratio Lower Upper

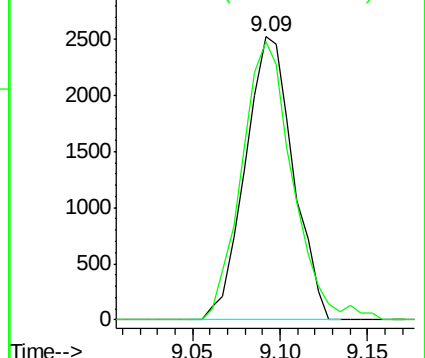
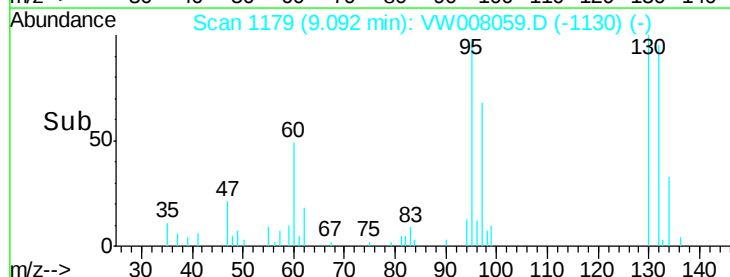
130 100

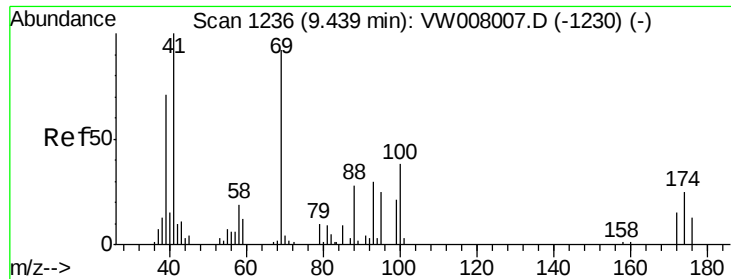
95 98.5 0.0 200.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

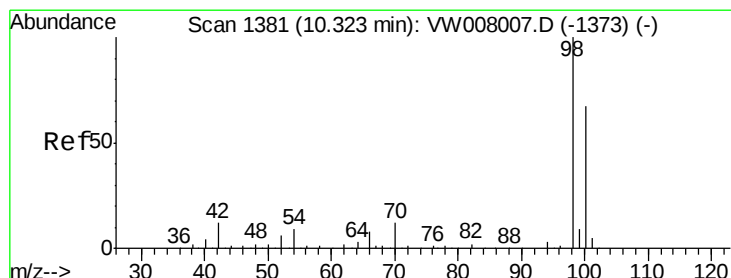
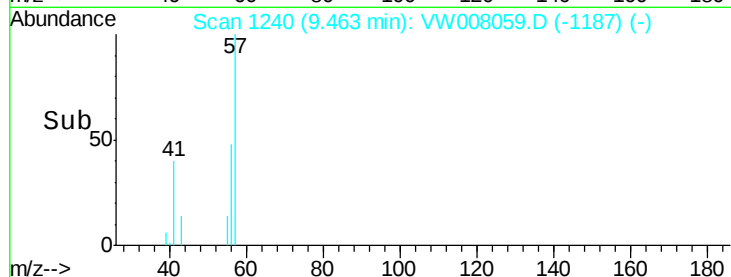
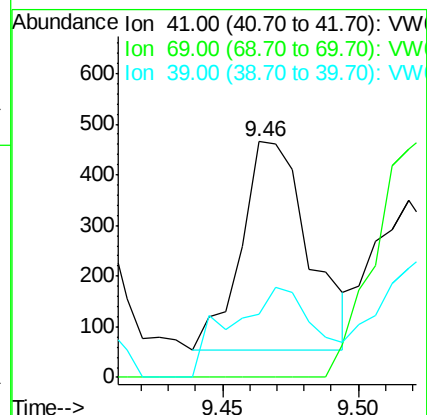
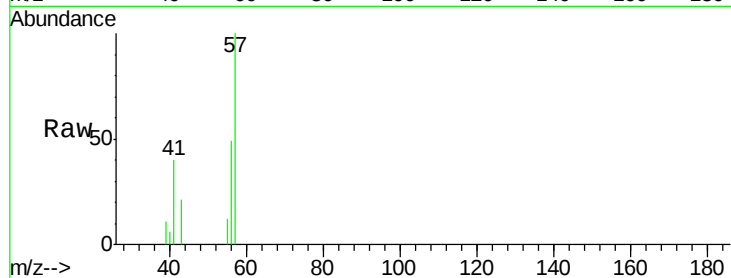




#48
Methyl methacrylate
Concen: 2.022 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.02 min
Lab File: VW008059.D
Acq: 04 Jan 2019 20:22

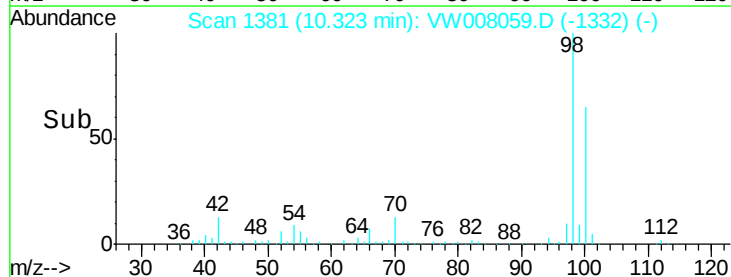
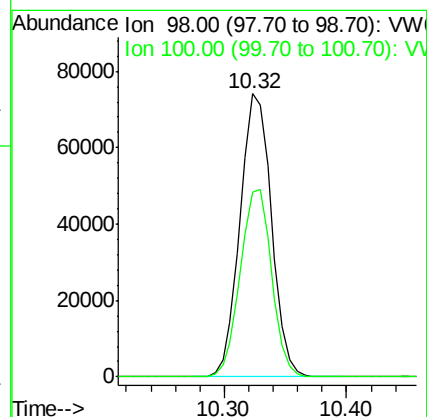
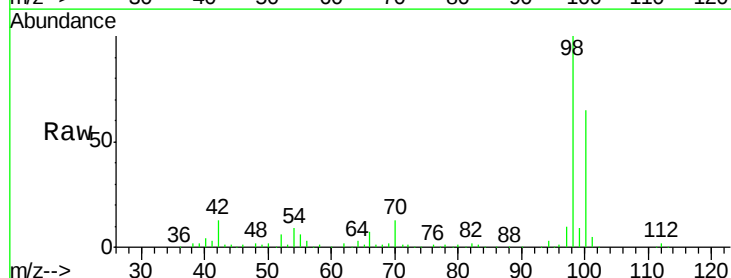
Instrument :
MSVOA_W
ClientSampleId :
CPSB-09(10-15)

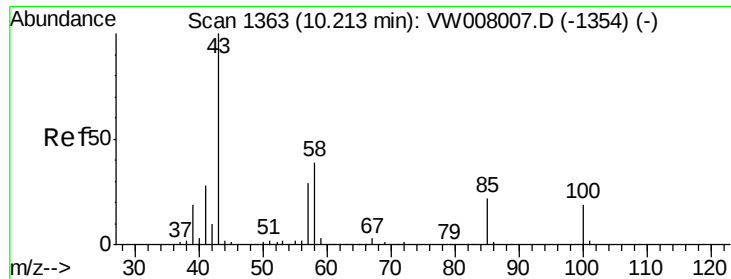
Tot Ion: 41 Resp: 714
Ion Ratio Lower Upper
41 100
69 0.0 72.3 108.5#
39 54.6 58.7 88.1#



#50
Toluene-d8
Concen: 47.213 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008059.D
Acq: 04 Jan 2019 20:22

Tgt Ion: 98 Resp: 132099
Ion Ratio Lower Upper
98 100
100 65.8 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 8.441 ug/l

RT: 10.25 min Scan# 1369

Delta R.T. 0.04 min

Lab File: VW008059.D

Acq: 04 Jan 2019 20:22

Instrument :

MSVOA_W

ClientSampleId :

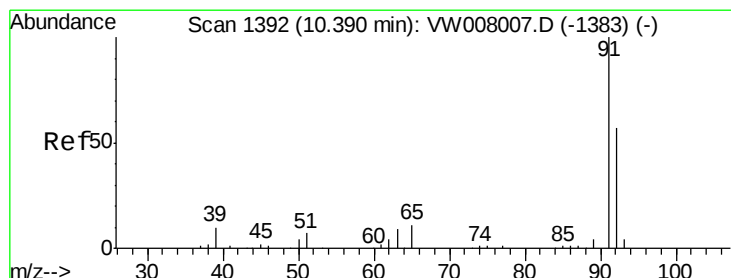
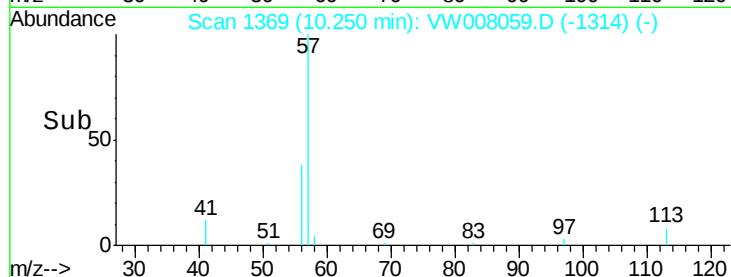
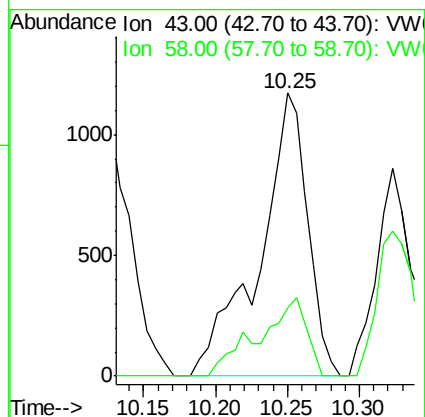
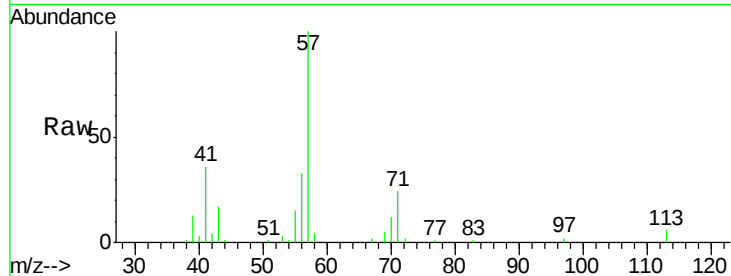
CPSB-09(10-15)

Tot Ion: 43 Resp: 2737

Ion Ratio Lower Upper

43 100

58 27.6 32.0 48.0#



#52

Toluene

Concen: 29.653 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW008059.D

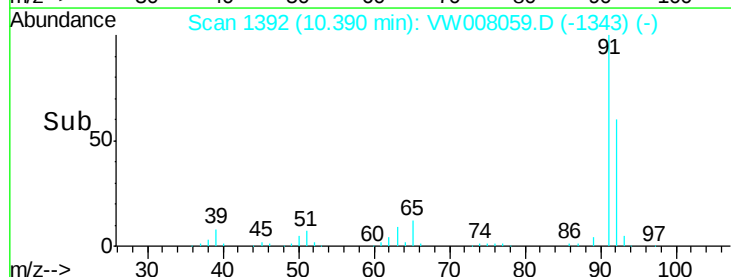
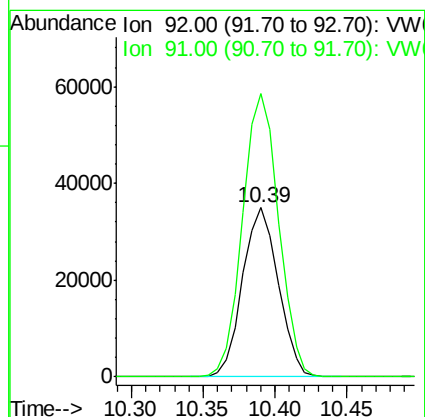
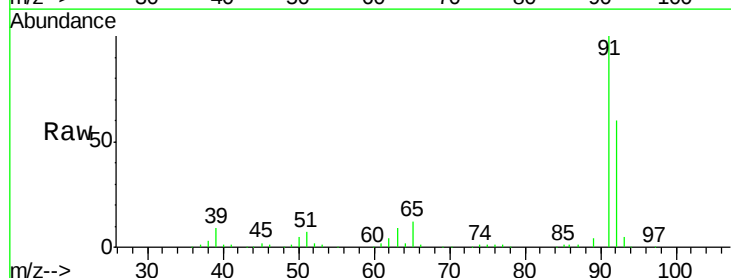
Acq: 04 Jan 2019 20:22

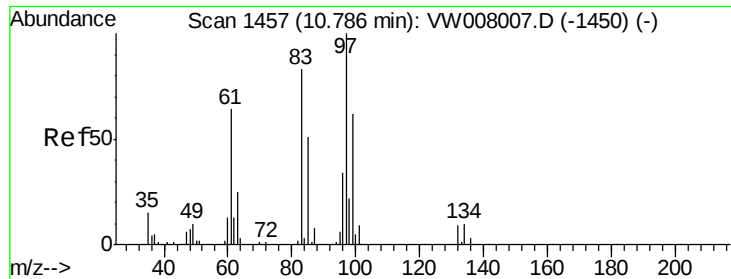
Tgt Ion: 92 Resp: 60274

Ion Ratio Lower Upper

92 100

91 168.7 136.9 205.3

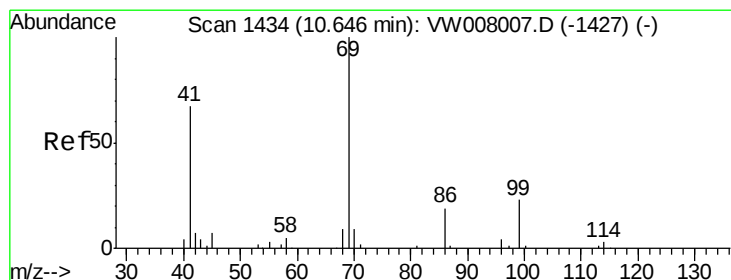
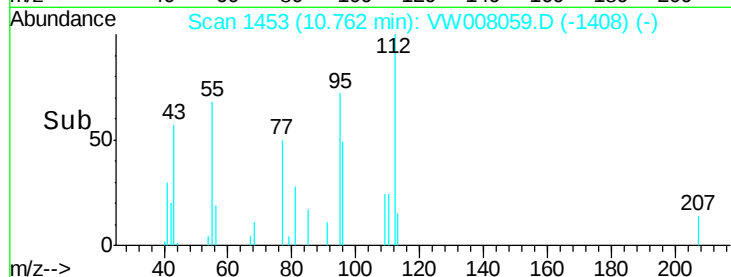
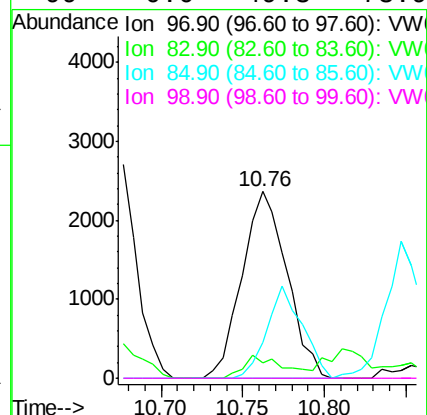
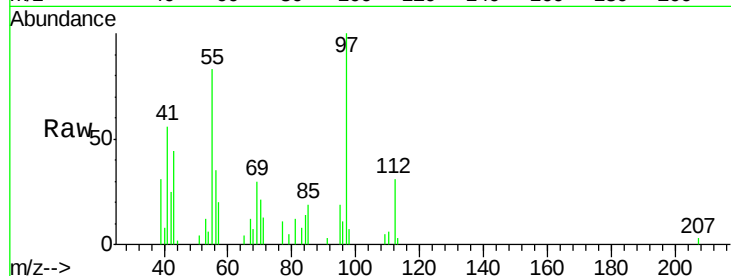




#55
 1,1,2-Trichloroethane
 Concen: 8.589 ug/l
 RT: 10.76 min Scan# 1453
 Delta R.T. -0.02 min
 Lab File: VW008059.D
 Acq: 04 Jan 2019 20:22

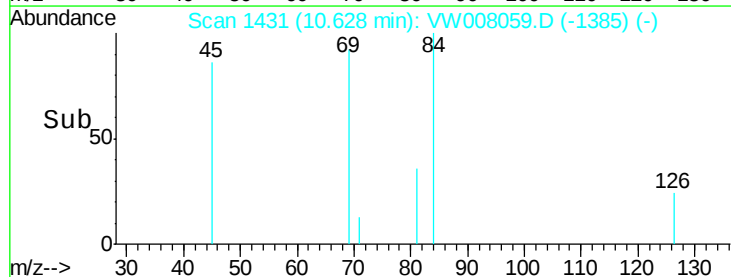
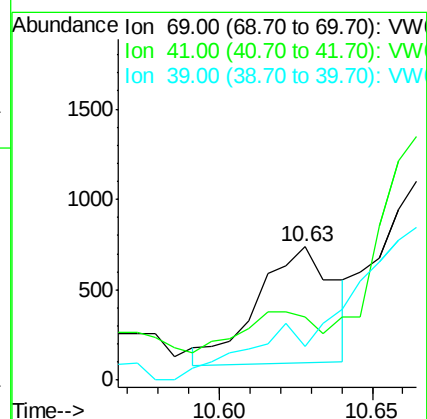
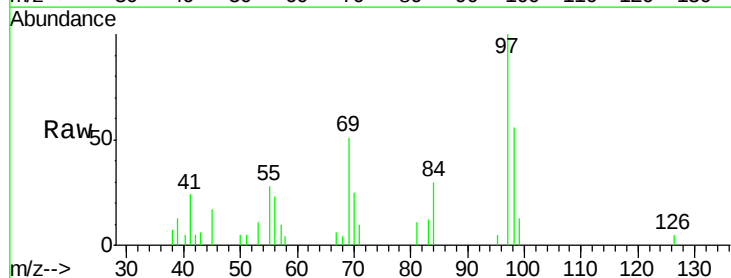
Instrument :
 MSVOA_W
 ClientSampled :
 CPSB-09(10-15)

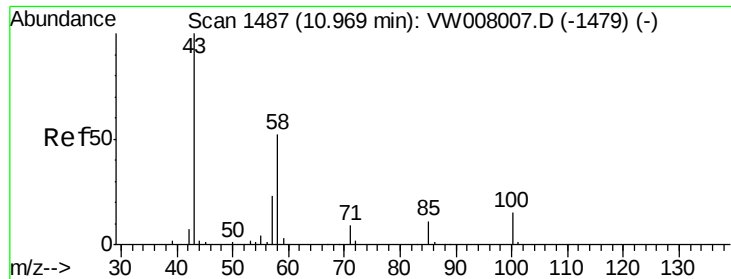
Tot Ion	Ratio	Lower	Upper
97	100		
83	7.9	66.2	99.2#
85	19.3	41.0	61.4#
99	0.0	49.3	73.9#



#56
 Ethyl methacrylate
 Concen: 1.868 ug/l
 RT: 10.63 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: VW008059.D
 Acq: 04 Jan 2019 20:22

Tgt Ion	Ratio	Lower	Upper
69	100		
41	34.8	52.6	79.0#
39	0.0	35.8	53.6#

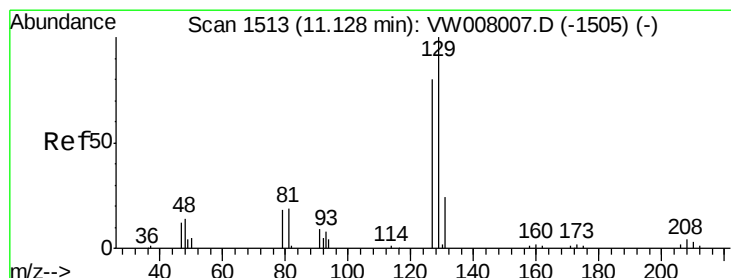
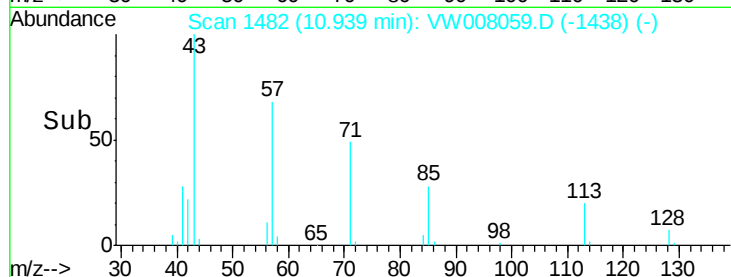
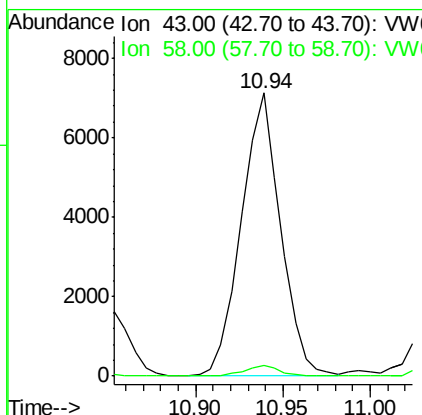
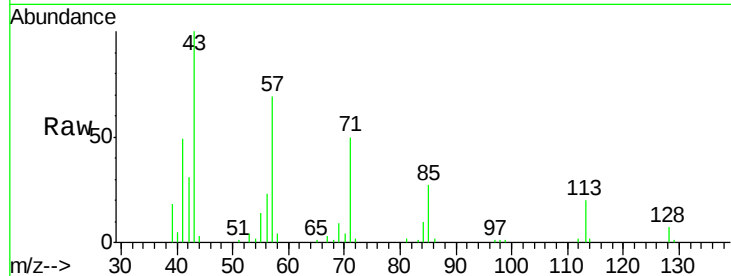




#59
2-Hexanone
Concen: 49.860 ug/l
RT: 10.94 min Scan# 1482
Delta R.T. -0.03 min
Lab File: VW008059.D
Acq: 04 Jan 2019 20:22

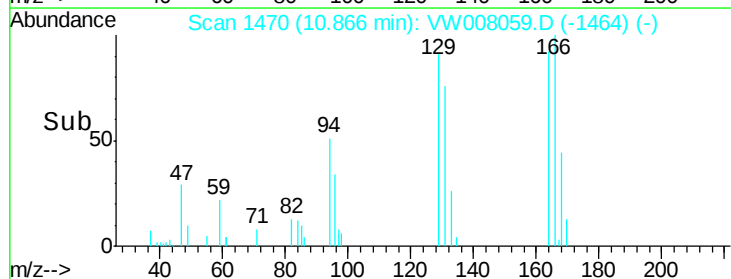
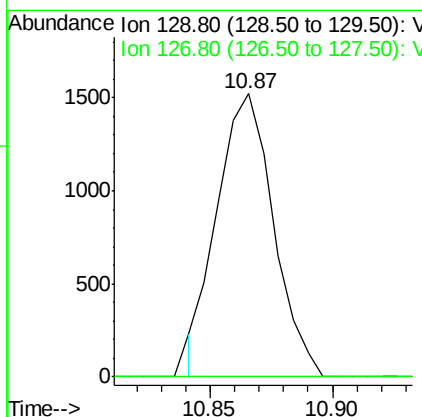
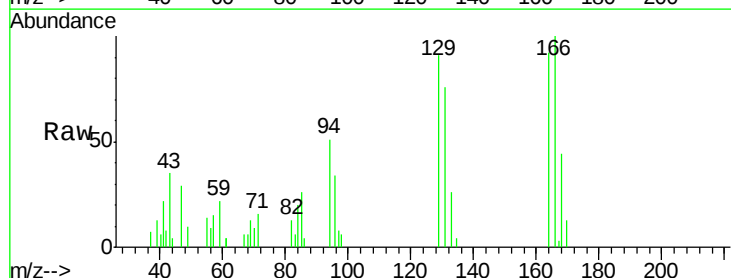
Instrument :
MSVOA_W
ClientSampleId :
CPSB-09(10-15)

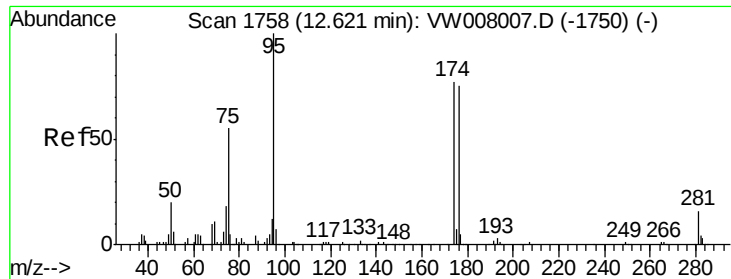
Tot Ion: 43 Resp: 11161
Ion Ratio Lower Upper
43 100
58 3.3 27.1 81.2#



#60
Dibromochloromethane
Concen: 3.371 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.26 min
Lab File: VW008059.D
Acq: 04 Jan 2019 20:22

Tgt Ion: 129 Resp: 2434
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#

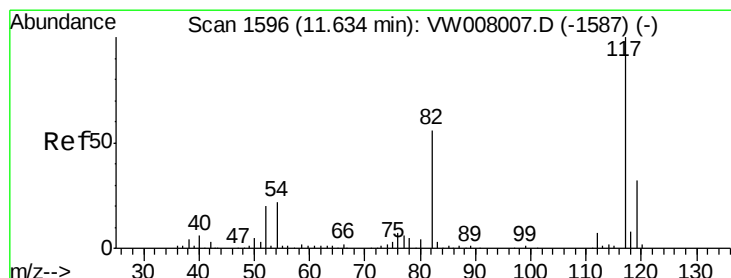
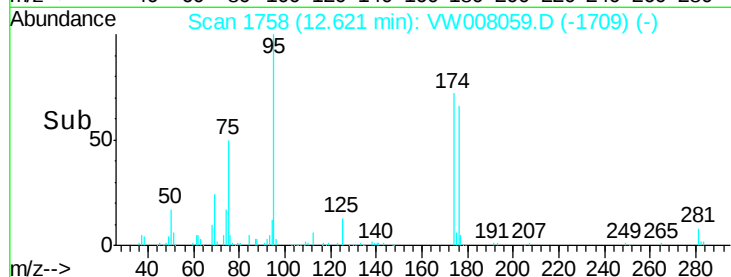
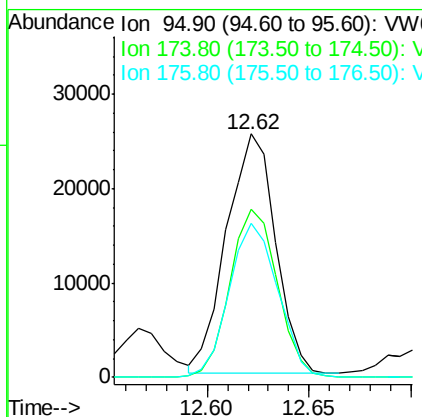
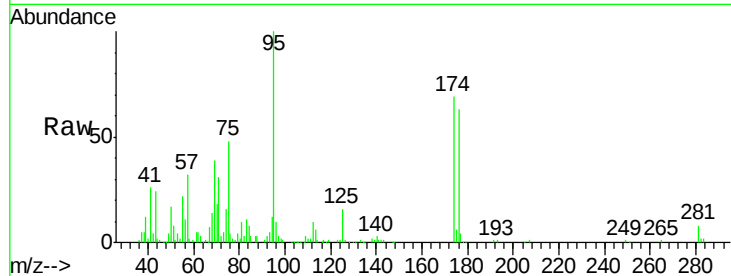




#62
4-Bromofluorobenzene
Concen: 39.520 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008059.D
Acq: 04 Jan 2019 20:22

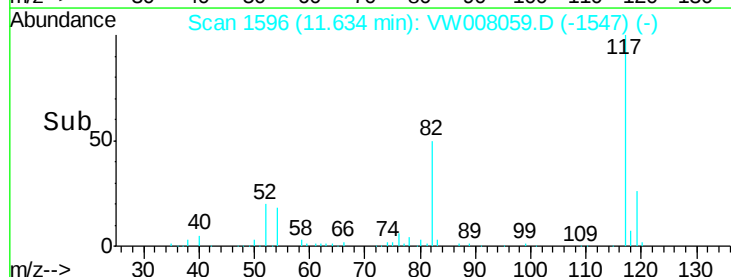
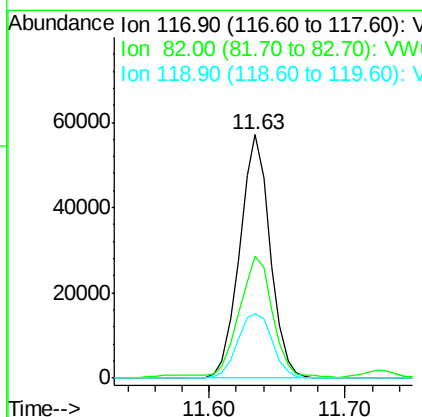
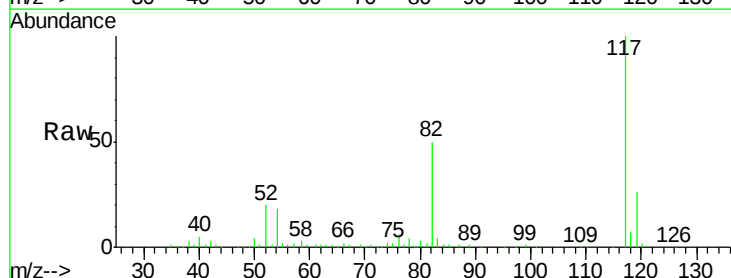
Instrument :
MSVOA_W
ClientSampleId :
CPSB-09(10-15)

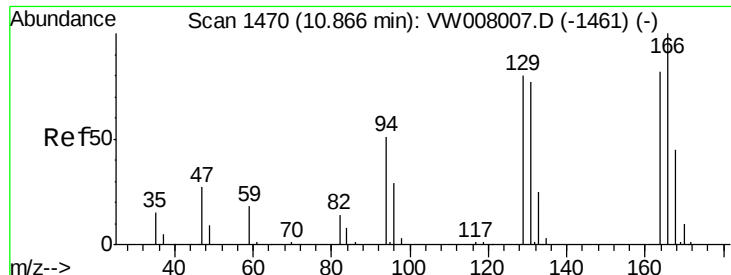
Tot Ion: 95 Resp: 42406
Ion Ratio Lower Upper
95 100
174 67.7 0.0 149.6
176 63.7 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008059.D
Acq: 04 Jan 2019 20:22

Tgt Ion: 117 Resp: 88878
Ion Ratio Lower Upper
117 100
82 49.7 44.8 67.2
119 26.2 25.6 38.4

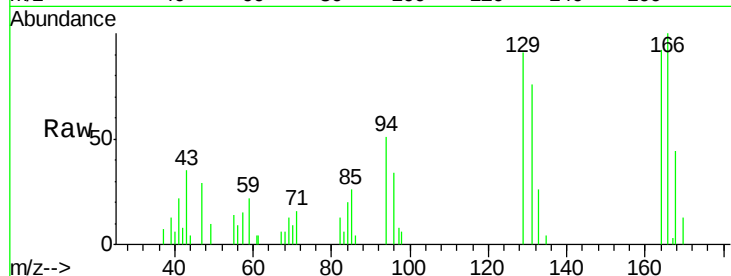




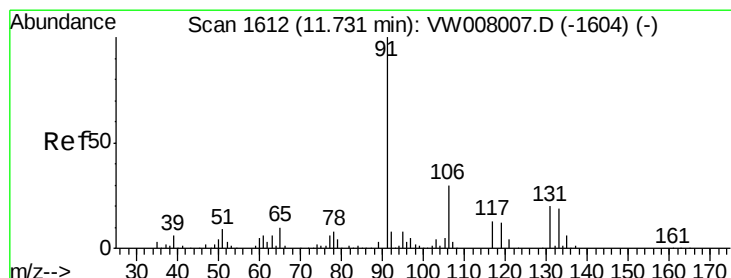
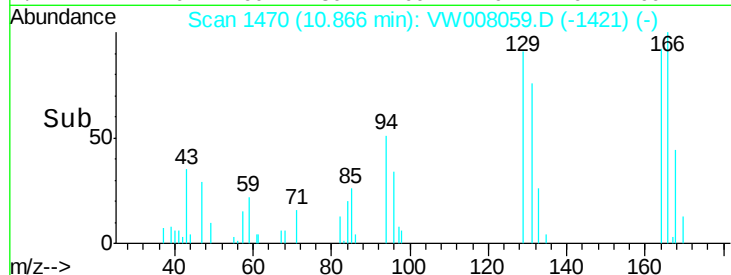
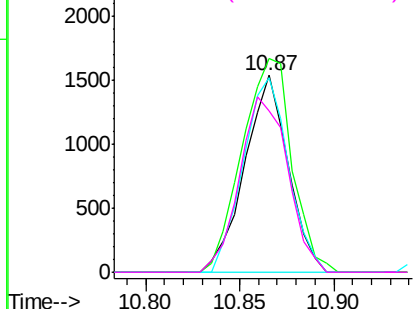
#64
Tetrachloroethene
Concen: 4.000 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW008059.D
Acq: 04 Jan 2019 20:22

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

Tot Ion:164 Resp: 2456
Ion Ratio Lower Upper
164 100
166 108.7 98.1 147.1
129 99.2 78.0 117.0
131 82.2 75.8 113.8

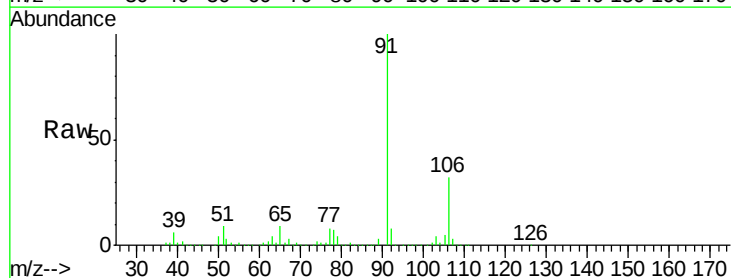


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

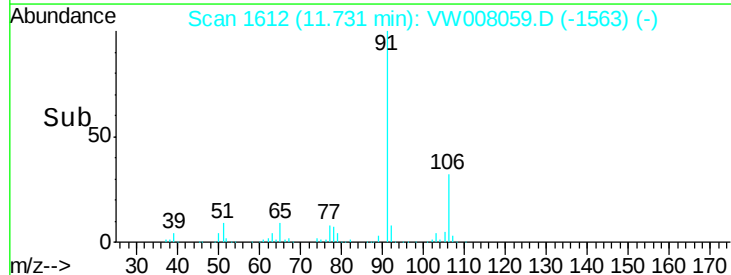
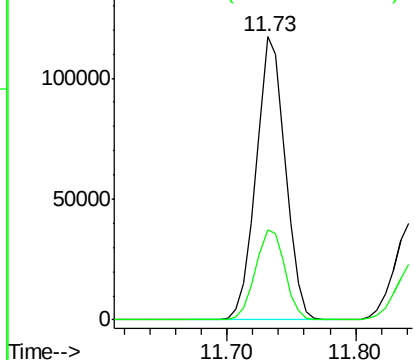


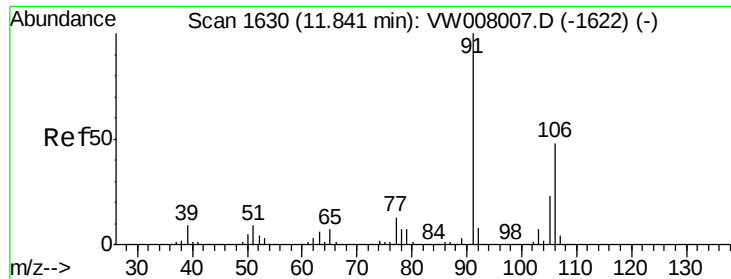
#67
Ethyl Benzene
Concen: 54.028 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008059.D
Acq: 04 Jan 2019 20:22

Tgt Ion: 91 Resp: 182160
Ion Ratio Lower Upper
91 100
106 31.7 24.3 36.5



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

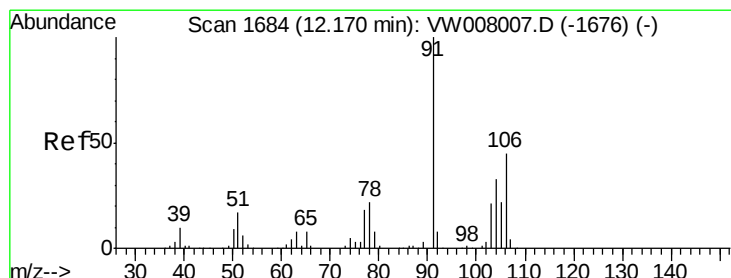
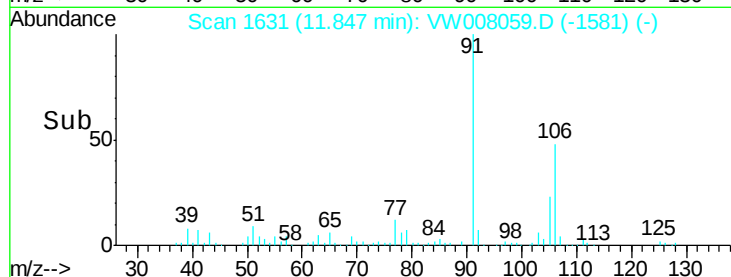
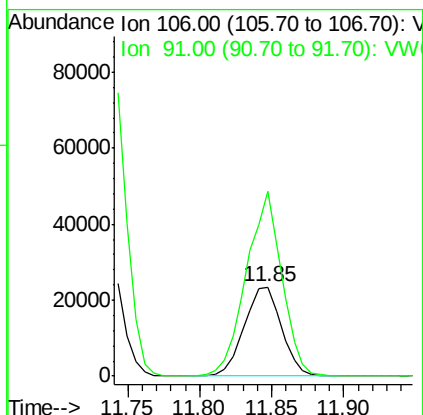
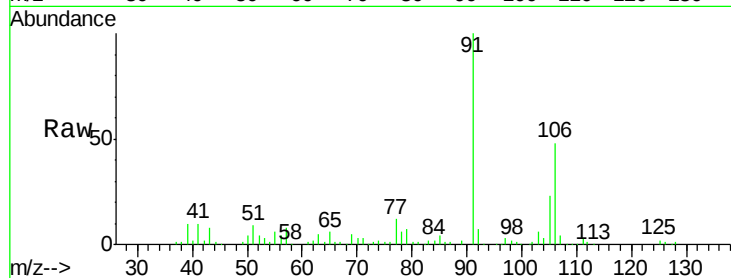




#68
m/p-Xylenes
Concen: 32.217 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW008059.D
Acq: 04 Jan 2019 20:22

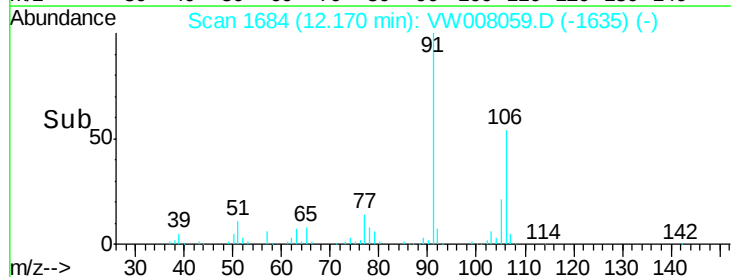
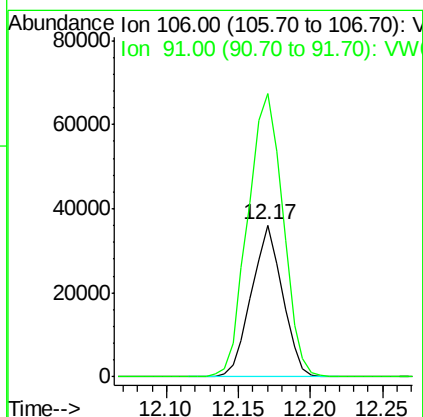
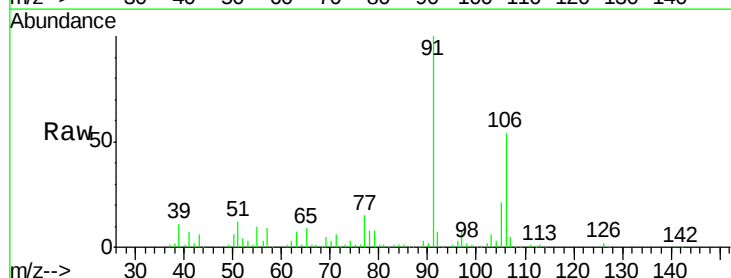
Instrument :
MSVOA_W
ClientSampleId :
CPSB-09(10-15)

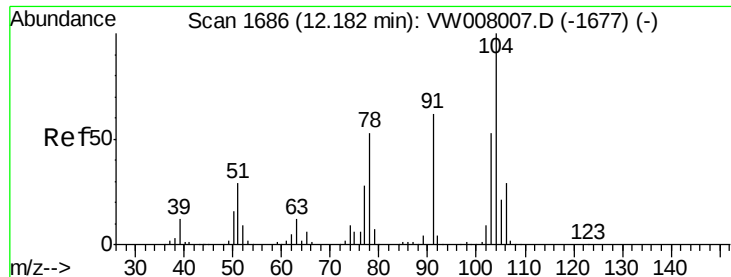
Tot Ion:106 Resp: 41994
Ion Ratio Lower Upper
106 100
91 196.6 165.8 248.8



#69
o-Xylene
Concen: 44.474 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008059.D
Acq: 04 Jan 2019 20:22

Tgt Ion:106 Resp: 53942
Ion Ratio Lower Upper
106 100
91 211.1 110.6 331.6

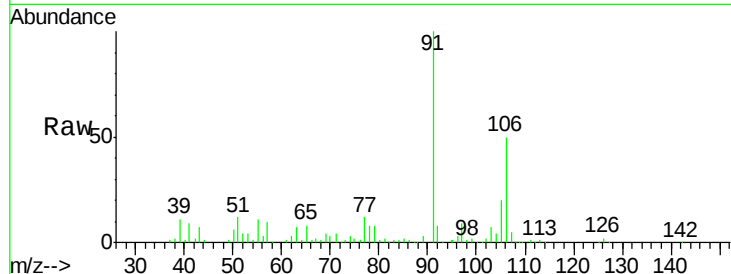




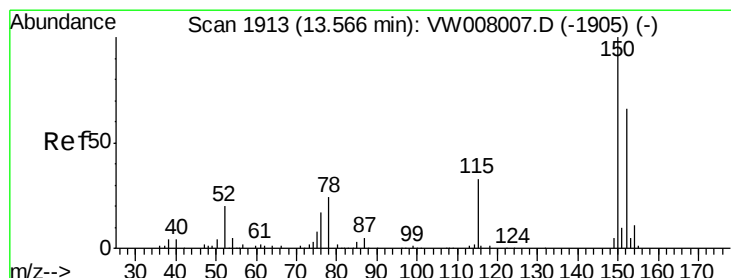
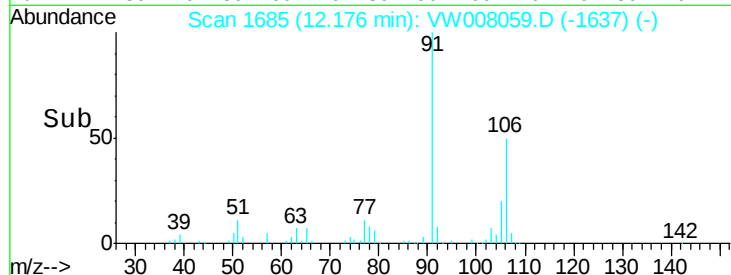
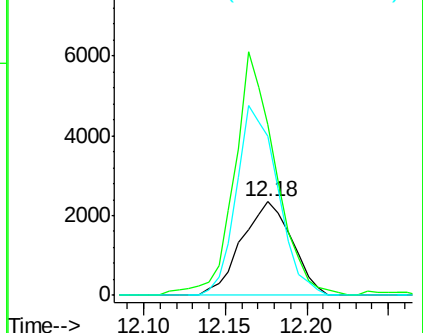
#70
Stvrene
Concen: 2.549 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW008059.D
Acq: 04 Jan 2019 20:22

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

Tot Ion:104 Resp: 5039
Ion Ratio Lower Upper
104 100
78 212.5 44.0 66.0#
103 166.5 44.6 66.8#

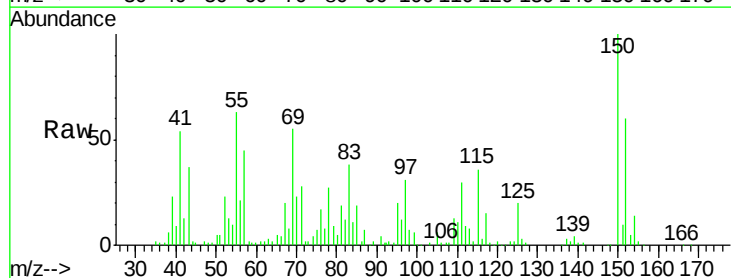


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

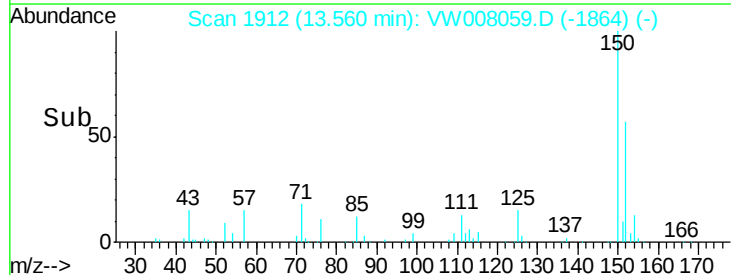
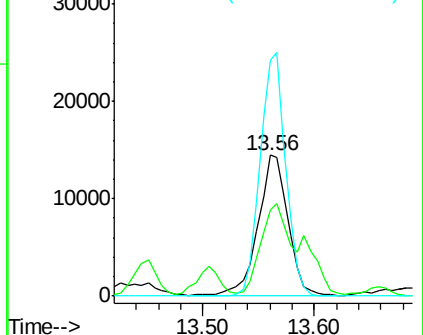


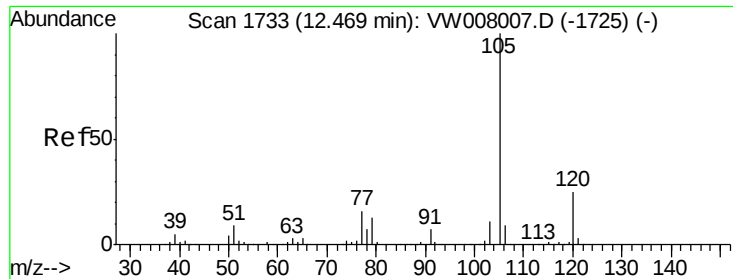
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW008059.D
Acq: 04 Jan 2019 20:22

Tgt Ion:152 Resp: 27540
Ion Ratio Lower Upper
152 100
115 59.8 32.1 96.5
150 145.7 0.0 345.0



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: 14.764 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW008059.D

Acq: 04 Jan 2019 20:22

Instrument :

MSVOA_W

ClientSampleId :

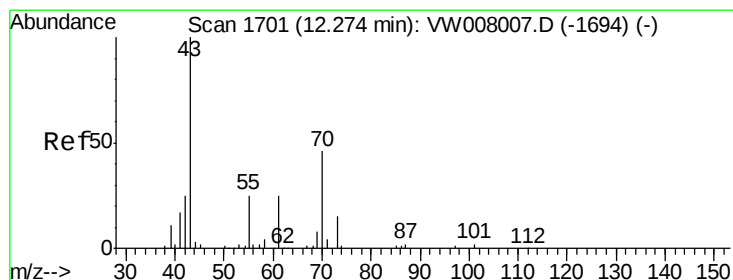
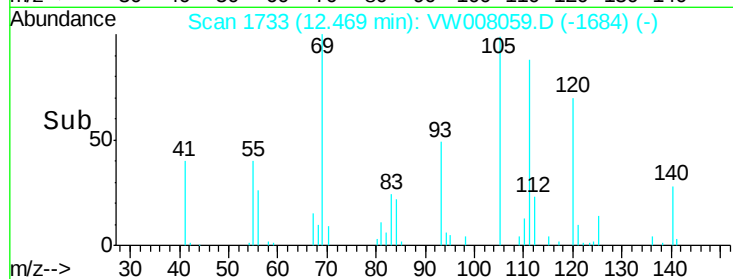
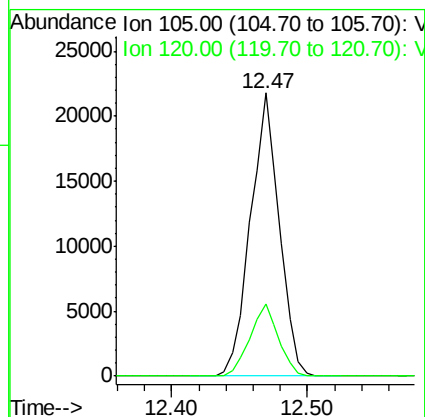
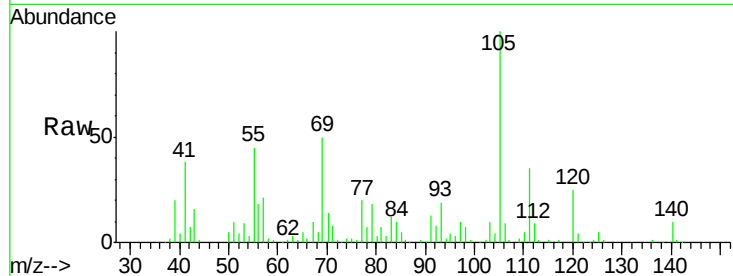
CPSB-09(10-15)

Tot Ion:105 Resp: 32333

Ion Ratio Lower Upper

105 100

120 24.9 12.8 38.3



#74

N-ethyl acetate

Concen: 127.489 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW008059.D

Acq: 04 Jan 2019 20:22

Tgt Ion: 43 Resp: 43459

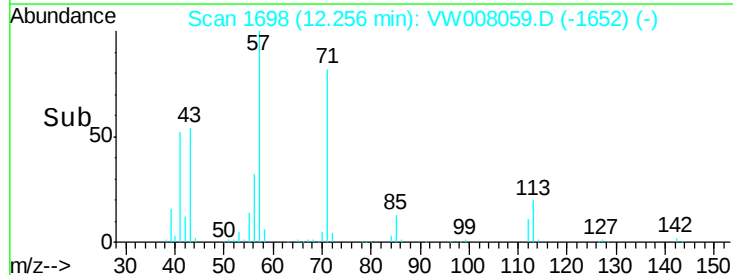
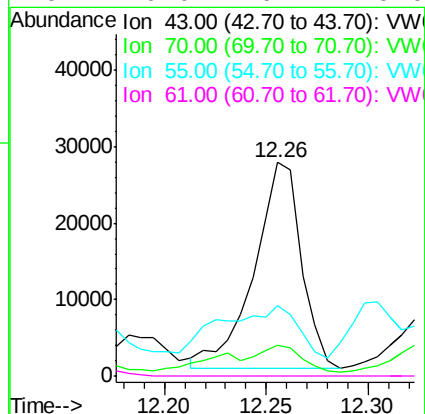
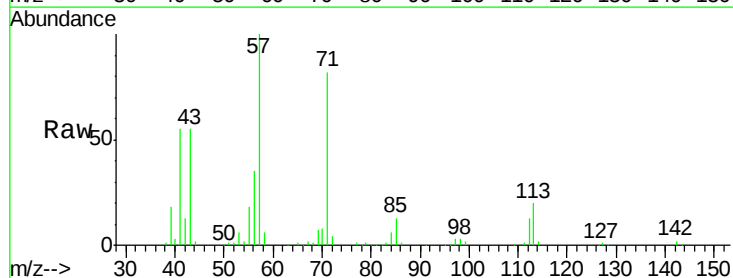
Ion Ratio Lower Upper

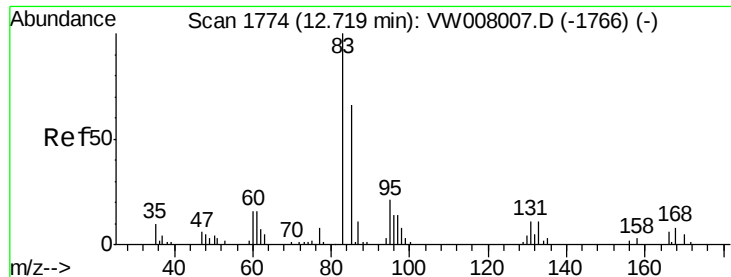
43 100

70 11.9 35.2 52.8#

55 40.4 21.4 32.0#

61 0.0 19.4 29.0#





#75

1,1,2,2-Tetrachloroethane

Concen: 15.780 ug/l

RT: 12.69 min Scan# 1769

Delta R.T. -0.03 min

Lab File: VW008059.D

Acq: 04 Jan 2019 20:22

Instrument :

MSVOA_W

ClientSampleId :

CPSB-09(10-15)

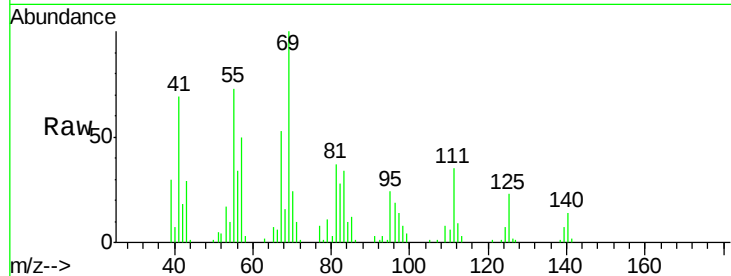
Tot Ion: 83 Resp: 4397

Ion Ratio Lower Upper

83 100

131 0.0 6.5 19.5#

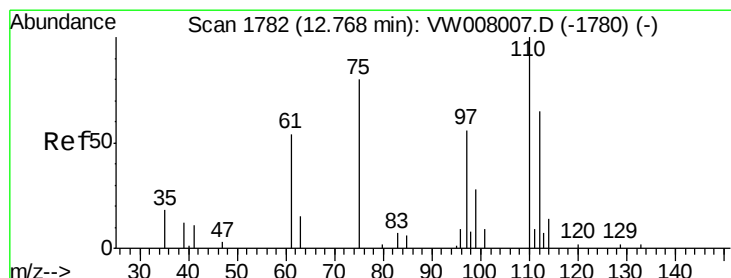
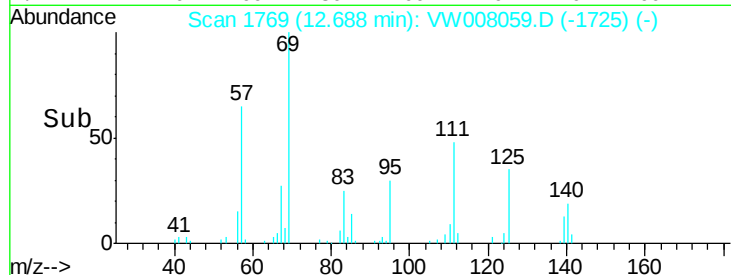
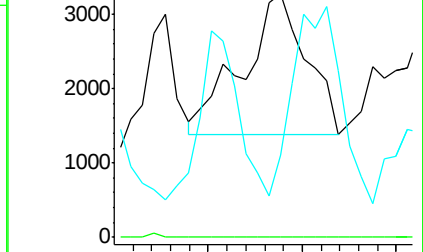
85 0.0 32.8 98.3#



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 3.629 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.04 min

Lab File: VW008059.D

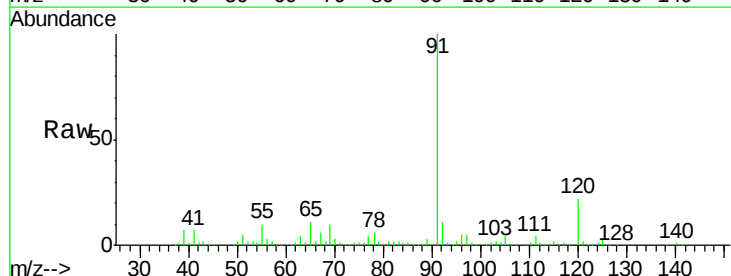
Acq: 04 Jan 2019 20:22

Tgt Ion: 75 Resp: 795

Ion Ratio Lower Upper

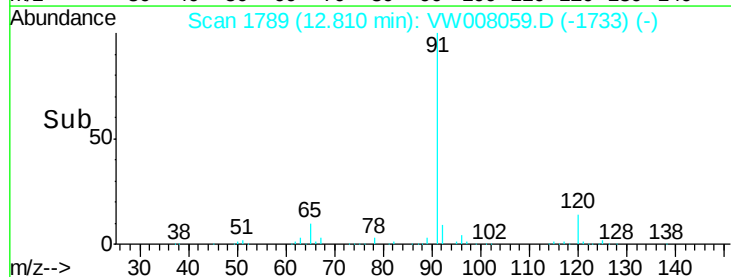
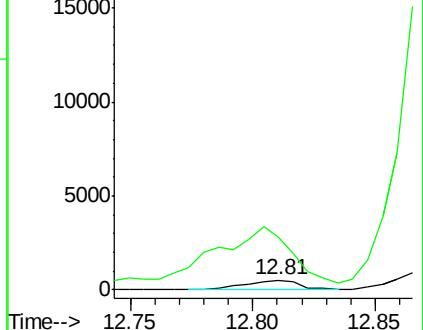
75 100

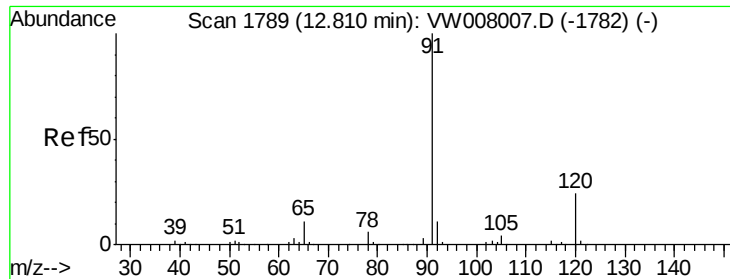
77 799.2 186.2 558.6#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#78

n-propylbenzene

Concen: 38.403 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW008059.D

Acq: 04 Jan 2019 20:22

Instrument :

MSVOA_W

ClientSampleId :

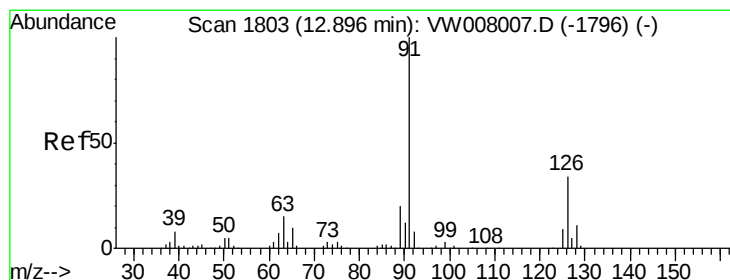
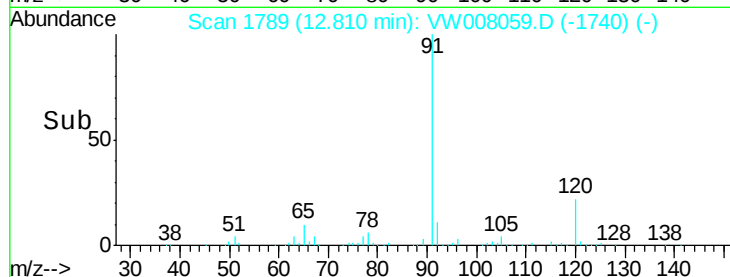
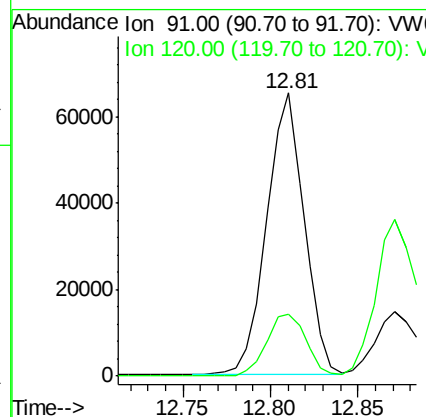
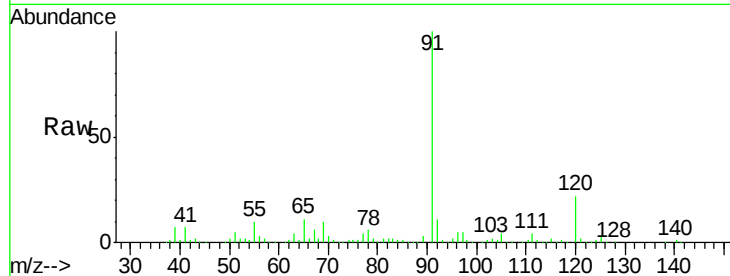
CPSB-09(10-15)

Tot Ion: 91 Resp: 97505

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.5



#79

2-Chlorotoluene

Concen: 10.146 ug/l

RT: 12.90 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VW008059.D

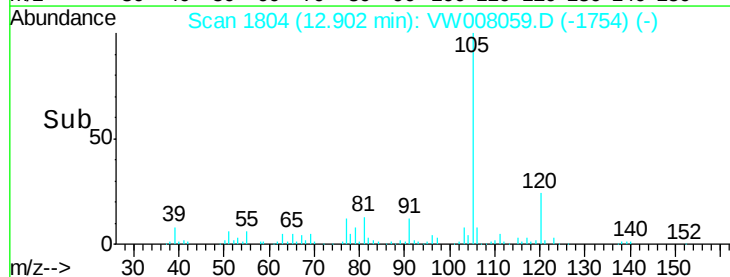
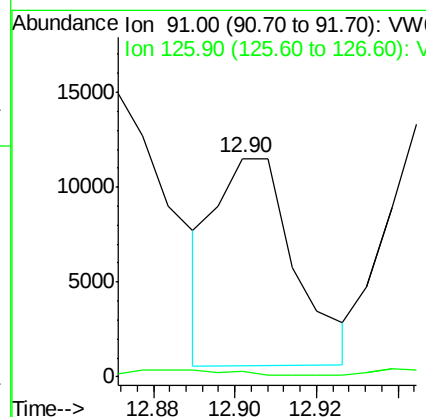
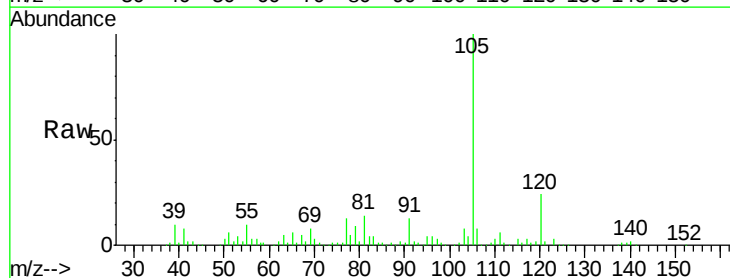
Acq: 04 Jan 2019 20:22

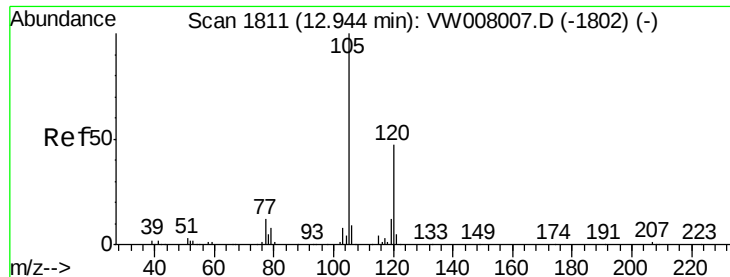
Tgt Ion: 91 Resp: 14889

Ion Ratio Lower Upper

91 100

126 7.8 17.1 51.2#

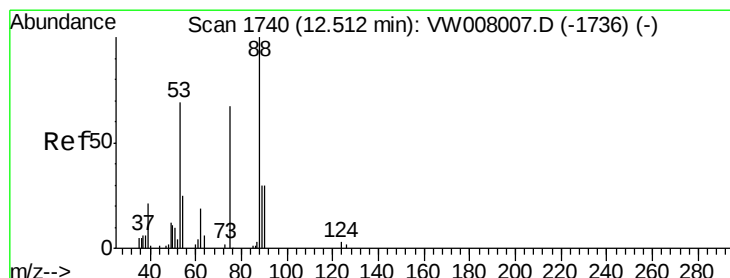
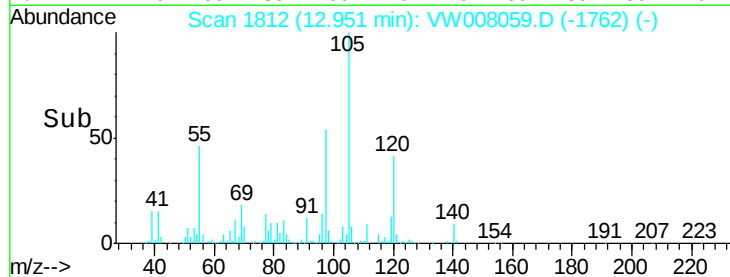
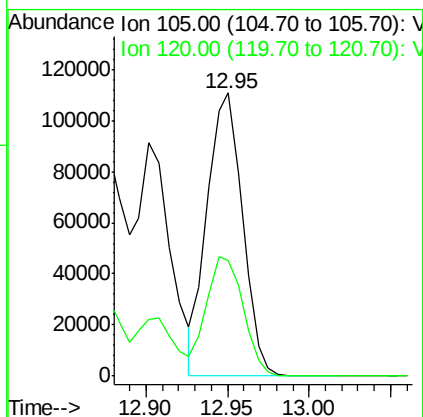
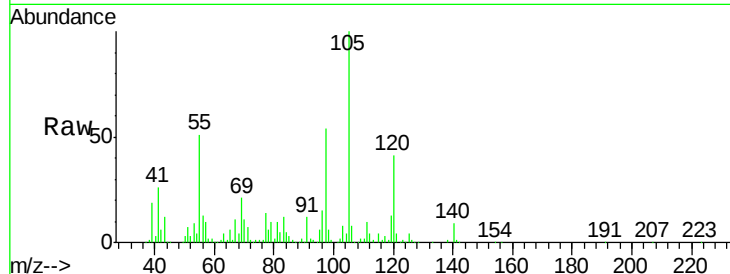




#80
 1,3,5-Trimethylbenzene
 Concen: 88.795 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: VW008059.D
 Acq: 04 Jan 2019 20:22

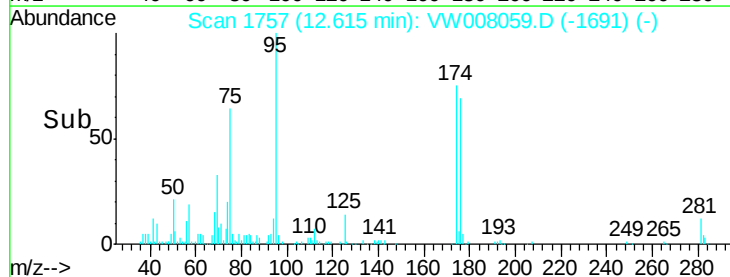
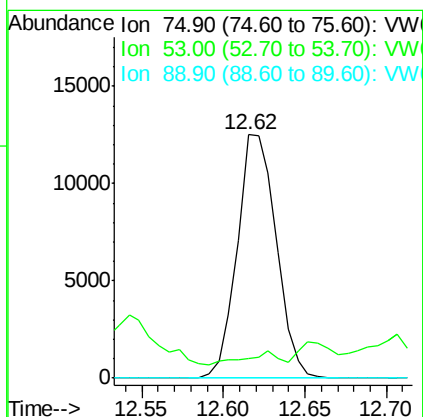
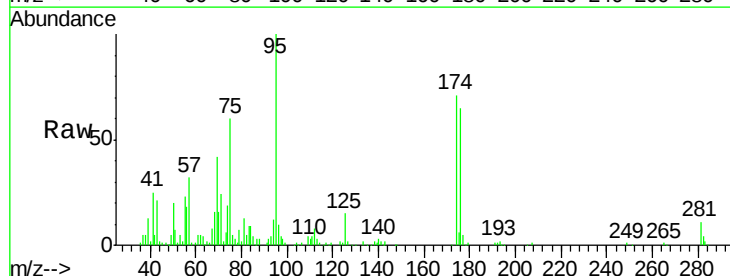
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-09(10-15)

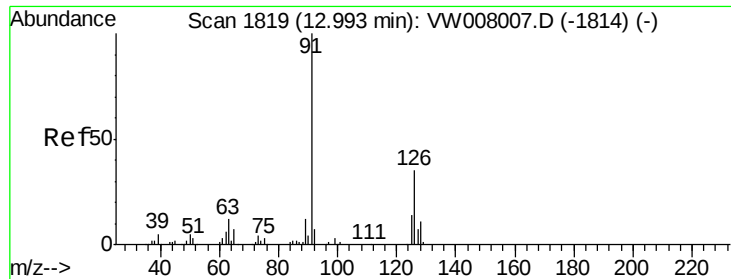
Tot Ion:105 Resp: 167380
 Ion Ratio Lower Upper
 105 100
 120 44.2 23.3 69.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 225.783 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW008059.D
 Acq: 04 Jan 2019 20:22

Tgt Ion: 75 Resp: 20918
 Ion Ratio Lower Upper
 75 100
 53 4.6 87.6 131.4#
 89 0.0 42.2 63.2#





#82

4-Chlorotoluene

Concen: 12.288 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.05 min

Lab File: VW008059.D

Acq: 04 Jan 2019 20:22

Instrument :

MSVOA_W

ClientSampleId :

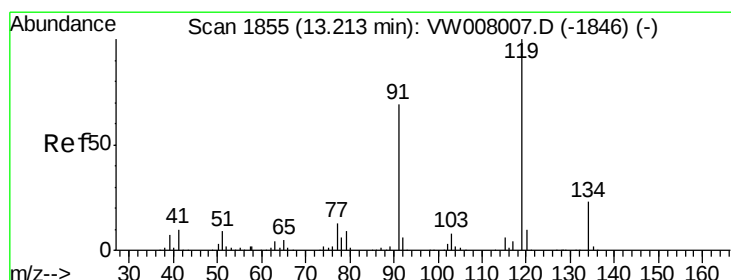
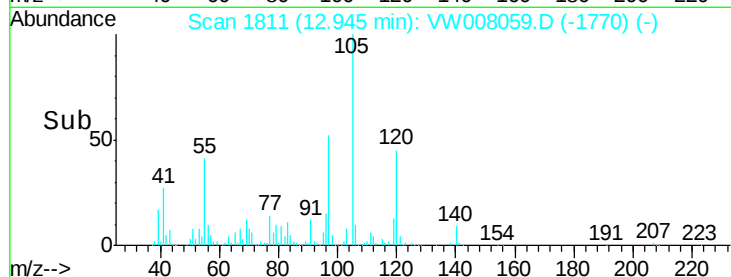
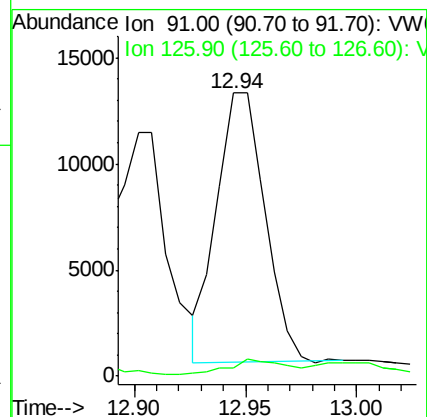
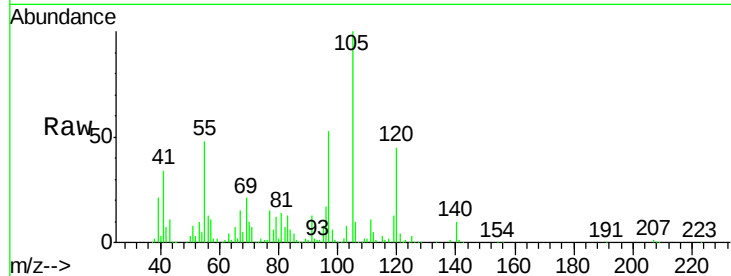
CPSB-09(10-15)

Tot Ion: 91 Resp: 19174

Ion Ratio Lower Upper

91 100

126 6.8 16.7 50.1#



#83

tert-Butylbenzene

Concen: 1.404 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.01 min

Lab File: VW008059.D

Acq: 04 Jan 2019 20:22

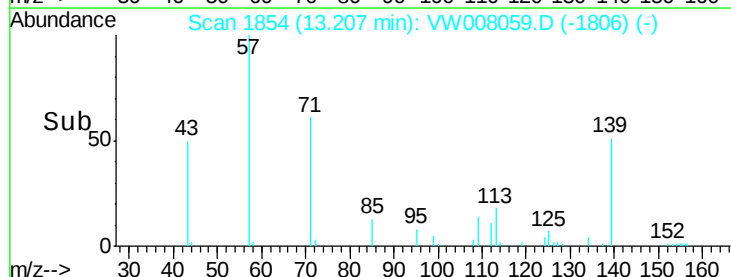
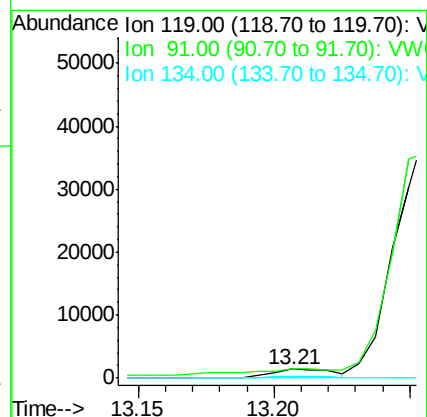
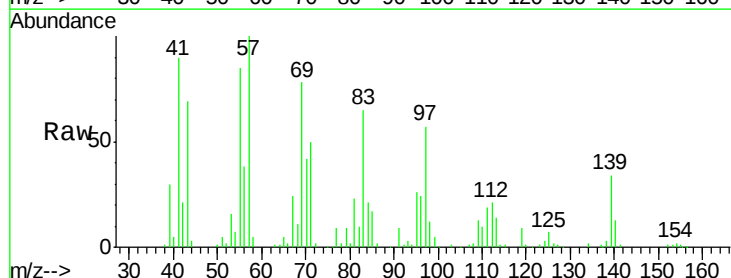
Tgt Ion: 119 Resp: 2316

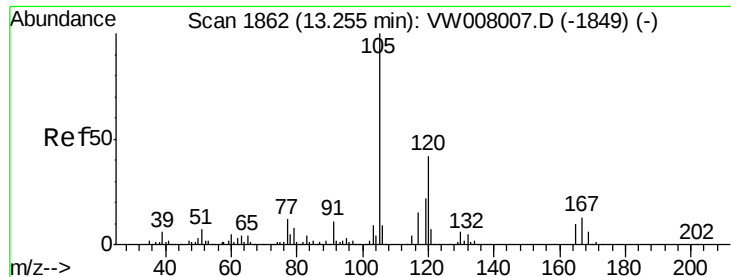
Ion Ratio Lower Upper

119 100

91 0.0 34.7 104.1#

134 24.1 11.5 34.4

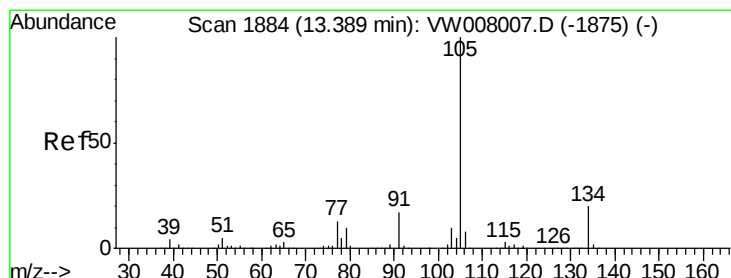
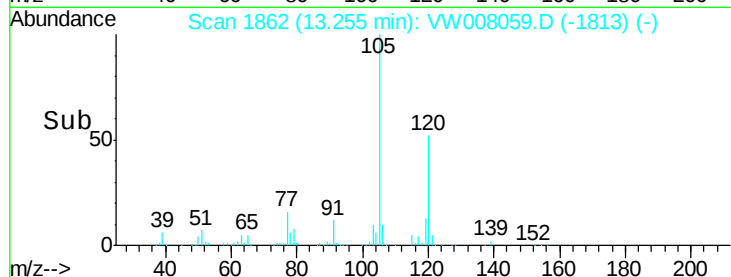
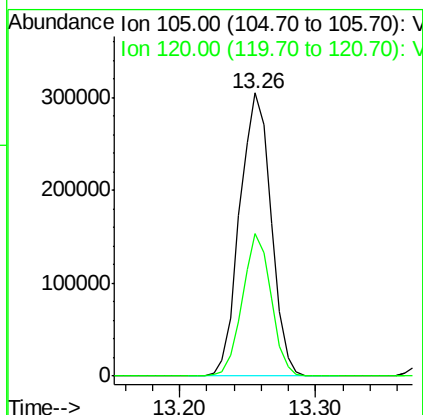
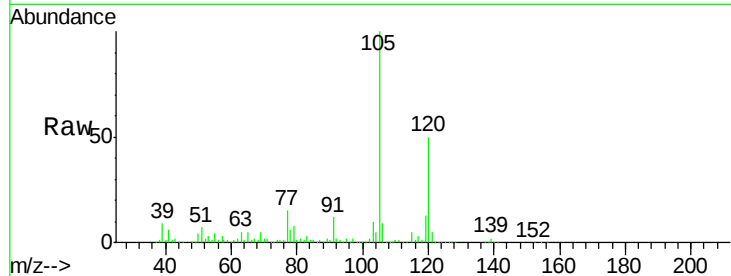




#84
1,2,4-Trimethylbenzene
Concen: 257.007 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008059.D
Acq: 04 Jan 2019 20:22

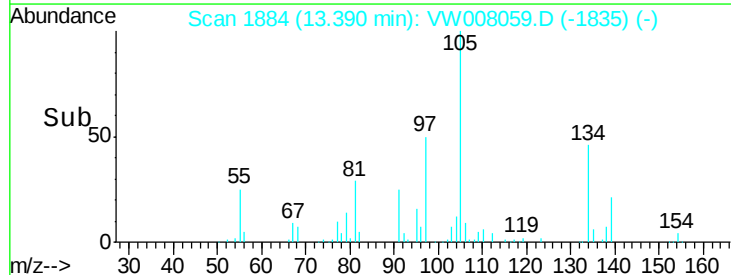
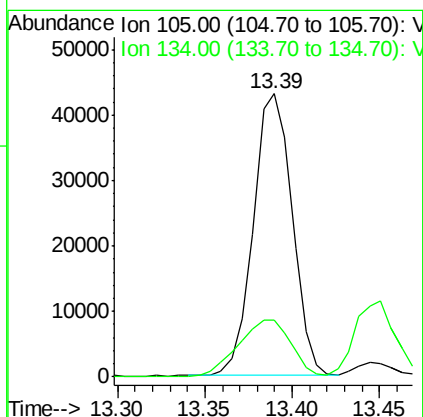
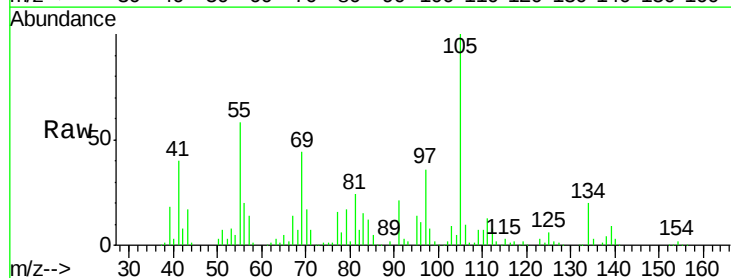
Instrument :
MSVOA_W
ClientSampleId :
CPSB-09(10-15)

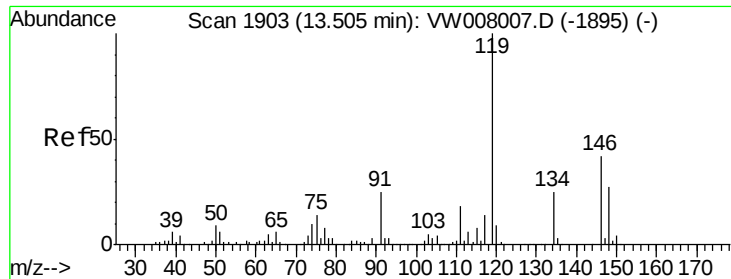
Tot Ion:105 Resp: 490708
Ion Ratio Lower Upper
105 100
120 46.1 21.5 64.5



#85
sec-Butylbenzene
Concen: 29.423 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VW008059.D
Acq: 04 Jan 2019 20:22

Tgt Ion:105 Resp: 66753
Ion Ratio Lower Upper
105 100
134 27.8 9.7 28.9

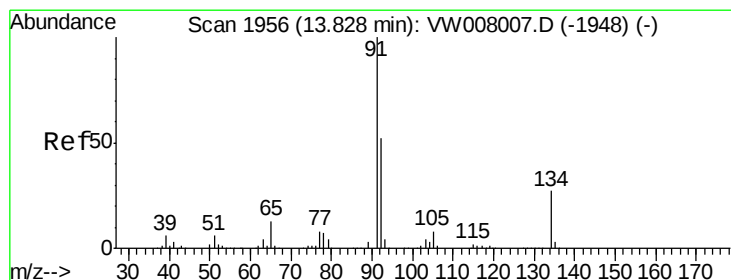
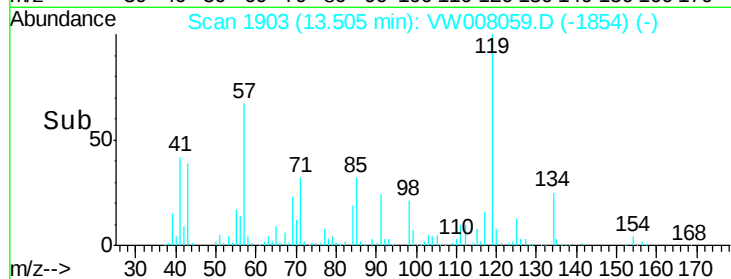
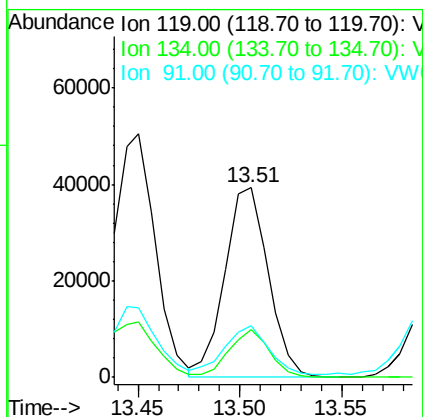
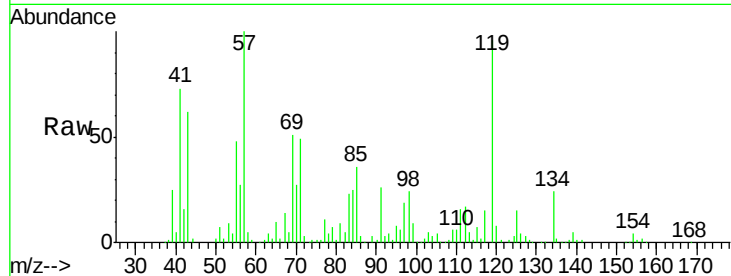




#86
p-Isopropyltoluene
Concen: 28.221 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. 0.00 min
Lab File: VW008059.D
Acq: 04 Jan 2019 20:22

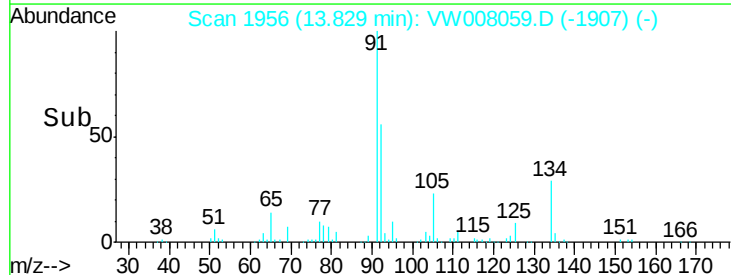
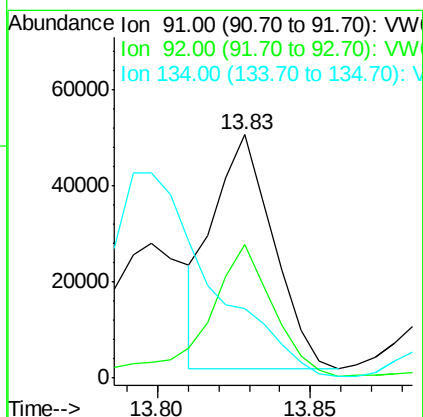
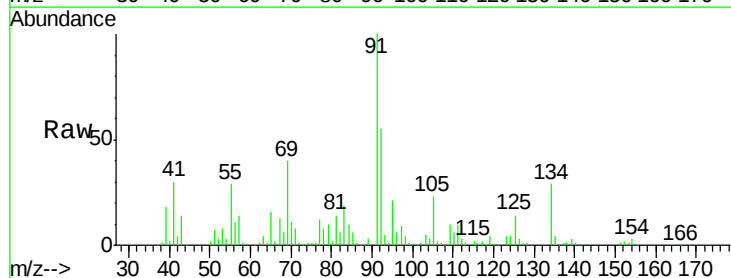
Instrument :
MSVOA_W
ClientSampleId :
CPSB-09(10-15)

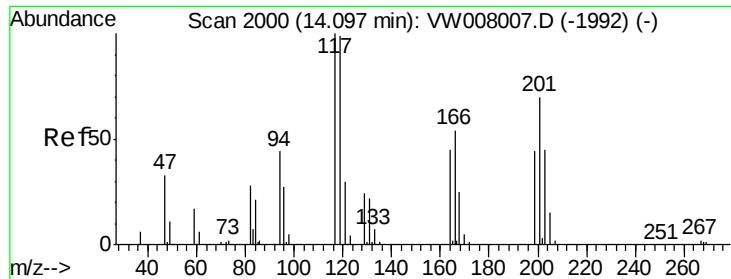
Tot Ion:119 Resp: 57750
Ion Ratio Lower Upper
119 100
134 23.8 12.5 37.5
91 25.3 13.1 39.3



#89
n-Butylbenzene
Concen: 35.163 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW008059.D
Acq: 04 Jan 2019 20:22

Tgt Ion: 91 Resp: 65817
Ion Ratio Lower Upper
91 100
92 62.7 26.4 79.2
134 0.0 13.4 40.2#

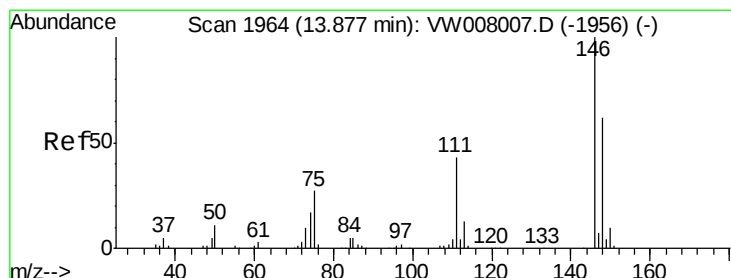
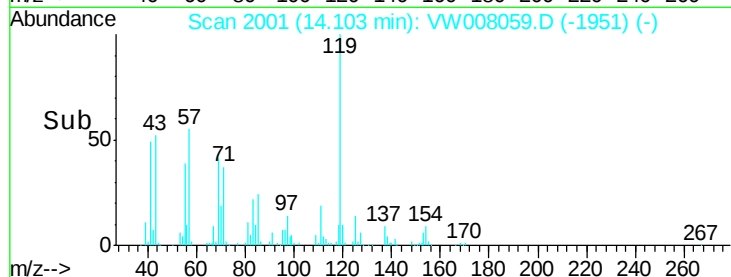
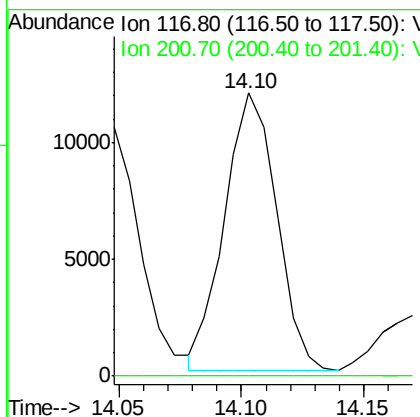
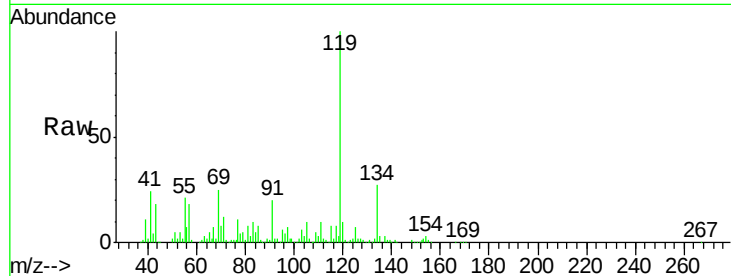




#90
Hexachloroethane
Concen: 49.766 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW008059.D
Acq: 04 Jan 2019 20:22

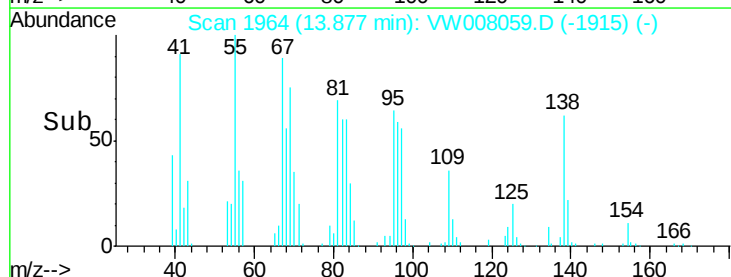
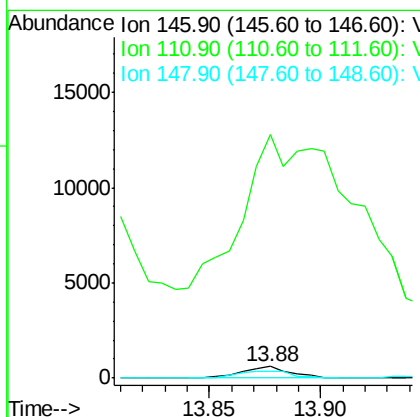
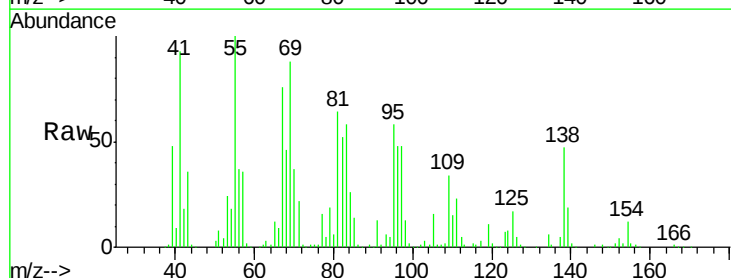
Instrument :
MSVOA_W
ClientSampled :
CPSB-09(10-15)

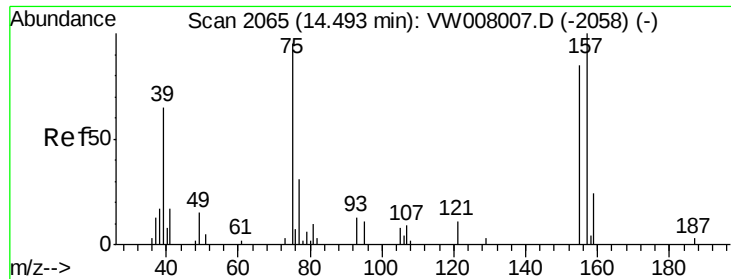
Tot Ion:117 Resp: 17671
Ion Ratio Lower Upper
117 100
201 0.0 37.1 111.5#



#91
1,2-Dichlorobenzene
Concen: 1.078 ug/l
RT: 13.88 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VW008059.D
Acq: 04 Jan 2019 20:22

Tgt Ion:146 Resp: 900
Ion Ratio Lower Upper
146 100
111 1219.4 22.6 67.7#
148 68.8 32.1 96.3





#92

1,2-Dibromo-3-Chloropropane

Concen: 15.667 ug/l

RT: 14.51 min Scan# 2067

Delta R.T. 0.01 min

Lab File: VW008059.D

Acq: 04 Jan 2019 20:22

Instrument :

MSVOA_W

ClientSampleId :

CPSB-09(10-15)

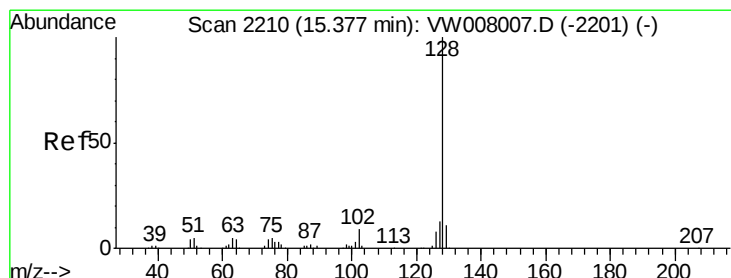
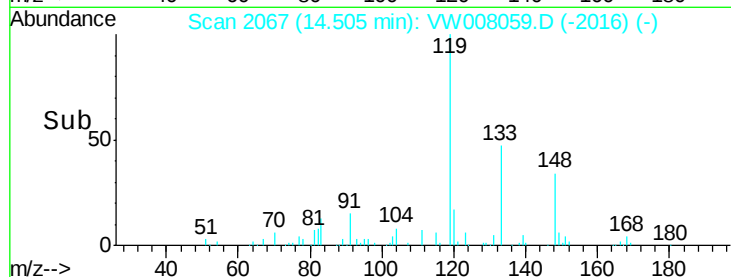
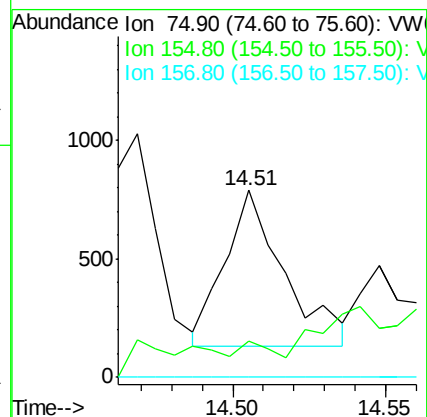
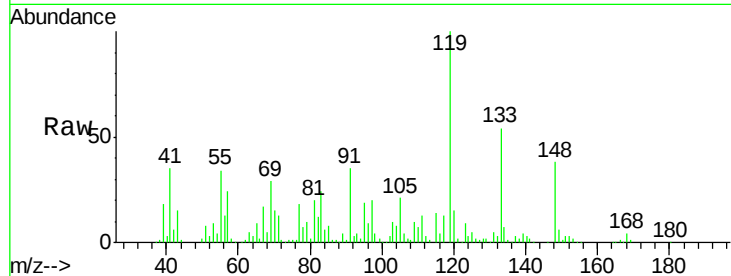
Tot Ion: 75 Resp: 886

Ion Ratio Lower Upper

75 100

155 0.0 42.4 127.1#

157 0.0 52.3 156.8#



#95

Naphthalene

Concen: 169.587 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW008059.D

Acq: 04 Jan 2019 20:22

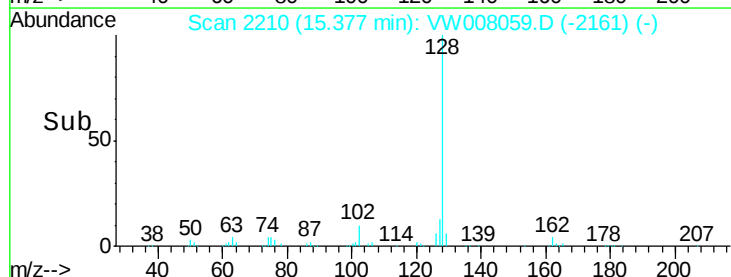
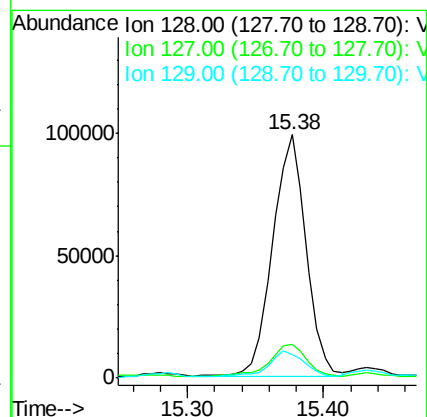
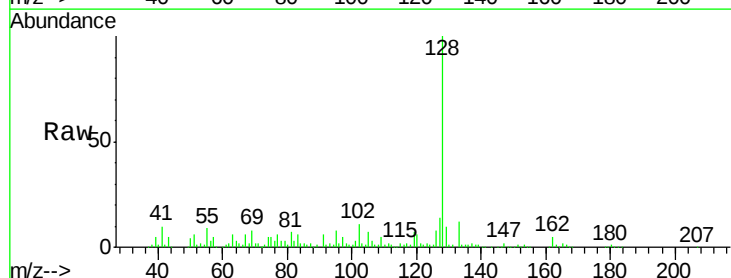
Tgt Ion:128 Resp: 169298

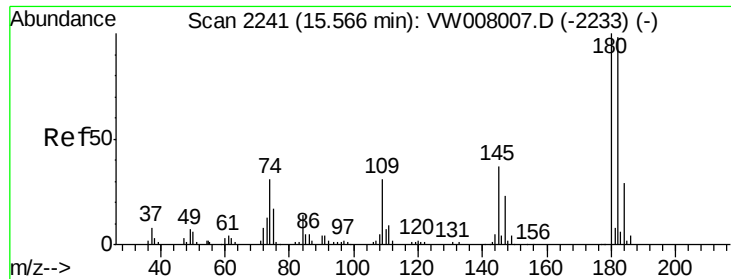
Ion Ratio Lower Upper

128 100

127 15.3 10.8 16.2

129 11.4 8.8 13.2

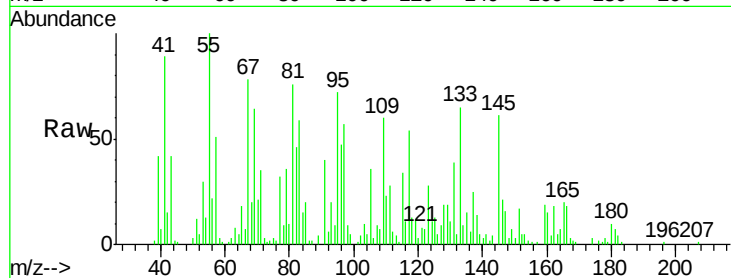




#96
 1,2,3-Trichlorobenzene
 Concen: 4.300 ug/l
 RT: 15.54 min Scan# 2236
 Delta R.T. -0.03 min
 Lab File: VW008059.D
 Acq: 04 Jan 2019 20:22

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

Tot Ion:180 Resp: 2074
 Ion Ratio Lower Upper
 180 100
 182 25.2 47.9 143.8#
 145 560.9 18.7 56.1#



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

