

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010919\
 Data File : VW008101.D
 Acq On : 09 Jan 2019 14:24
 Operator : SY/AP
 Sample : K1071-06RE
 Misc : 5.06G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-15(20-25)

Quant Time: Jan 10 05:57:30 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	88313	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	152374	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	132450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	61687	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	51445	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
35) Dibromofluoromethane	7.88	113	46363	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
50) Toluene-d8	10.32	98	194839	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
62) 4-Bromofluorobenzene	12.62	95	65824	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	

Target Compounds

						Qvalue
8) Diethyl Ether	3.68	74	1065	1.899	ug/l	81
11) Tert butyl alcohol	5.19	59	2551	16.566	ug/l #	100
13) Acrolein	3.89	56	170	1.082	ug/l #	14
16) Acetone	4.12	43	105313	621.726	ug/l	95
17) Carbon Disulfide	4.37	76	18510	6.127	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	5605	3.565	ug/l #	81
20) Methylene Chloride	4.92	84	1936	Below Cal	#	77
25) 2-Butanone	7.17	43	29376	106.372	ug/l	95
29) Tetrahydrofuran	7.53	42	487	2.640	ug/l #	39
31) Cyclohexane	7.95	56	4612	2.208	ug/l #	50
36) 1,1-Dichloropropene	7.95	75	7216	4.597	ug/l #	51
37) Ethyl Acetate	7.17	43	29376	46.715	ug/l #	72
38) Carbon Tetrachloride	7.95	117	9005	6.268	ug/l #	17
39) Methylcyclohexane	9.34	83	21683	10.895	ug/l	97
40) Benzene	8.32	78	12287	2.886	ug/l	97
43) Isopropyl Acetate	8.41	43	1633	1.299	ug/l #	59
48) Methyl methacrylate	9.52	41	774	1.305	ug/l #	49
49) 1,4-Dioxane	9.46	88	51	6.117	ug/l #	46
55) 1,1,2-Trichloroethane	10.76	97	7478	10.274	ug/l #	22
56) Ethyl methacrylate	10.67	69	3344	3.710	ug/l #	1
59) 2-Hexanone	10.94	43	20804	50.549	ug/l #	30
73) Isopropylbenzene	12.47	105	16581	3.424	ug/l	100
74) N-amyl acetate	12.26	43	52087	48.566	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	12.69	83	7682	9.910	ug/l #	25
76) 1,2,3-Trichloropropane	12.62	75	32113	57.106	ug/l #	1
78) n-propylbenzene	12.80	91	27925	4.706	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	4607	1.158	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.62	75	32113	132.982	ug/l #	14
82) 4-Chlorotoluene	12.80	91	27925	8.009	ug/l	74
84) 1,2,4-Trimethylbenzene	13.26	105	5263	1.282	ug/l	82
85) sec-Butylbenzene	13.39	105	50066	9.707	ug/l	86
86) p-Isopropyltoluene	13.66	119	10266	2.305	ug/l	91
89) n-Butylbenzene	13.83	91	22980	5.268	ug/l #	83
90) Hexachloroethane	14.10	117	9553	12.699	ug/l #	17

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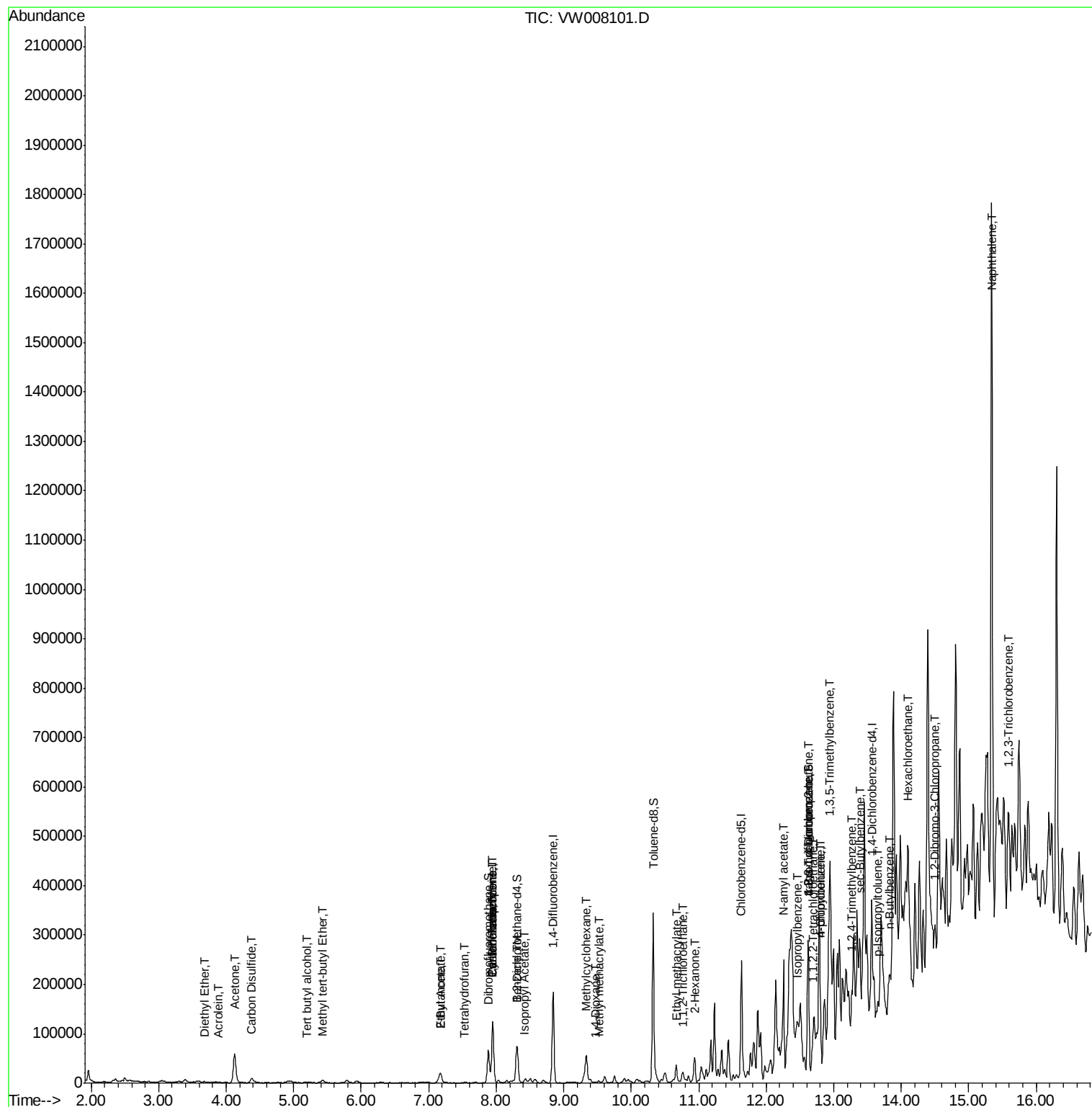
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.51	75	481	3.856	ug/l #	24
95) Naphthalene	15.34	128	2415	1.068	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.59	180	2812	2.723	ug/l #	69

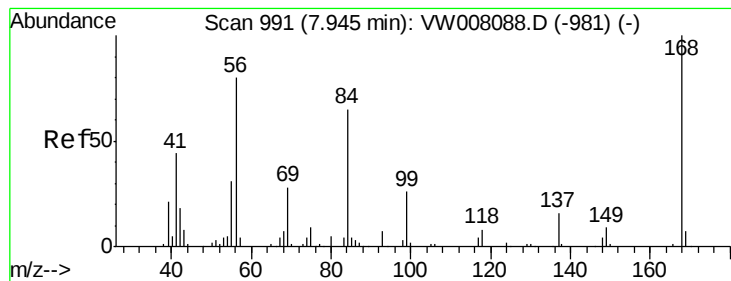
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW010919\
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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: VW008101.D

Acq: 09 Jan 2019 14:24

Instrument :

MSVOA_W

ClientSampleId :

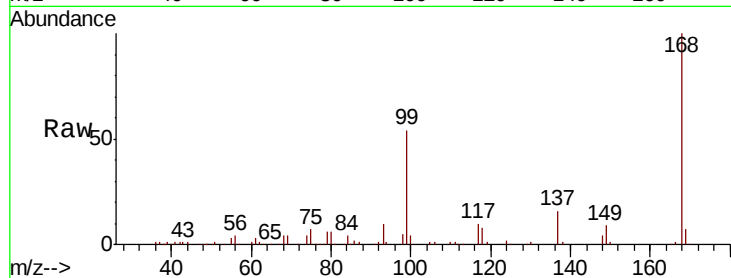
CPSB-15(20-25)

Tgt Ion:168 Resp: 88313

Ion Ratio Lower Upper

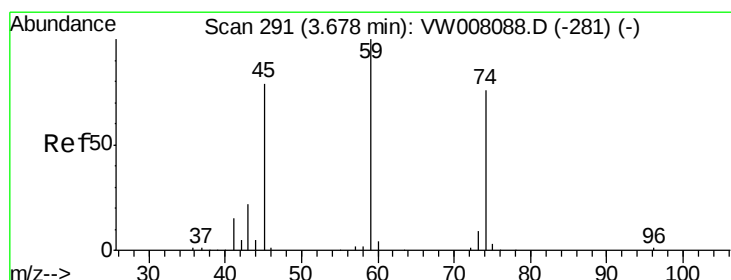
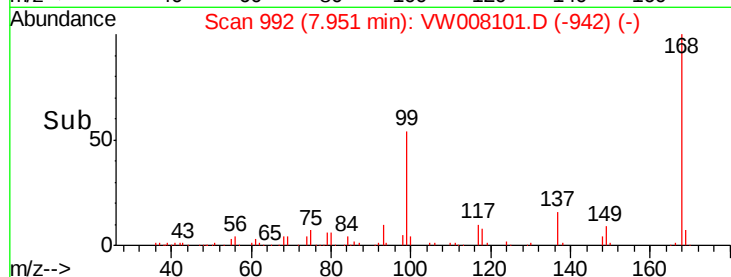
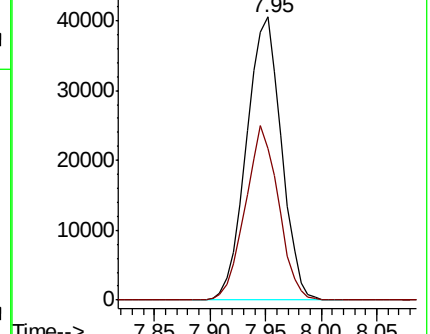
168 100

99 53.6 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.899 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VW008101.D

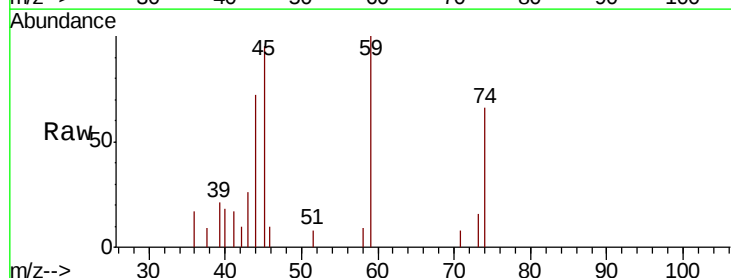
Acq: 09 Jan 2019 14:24

Tgt Ion: 74 Resp: 1065

Ion Ratio Lower Upper

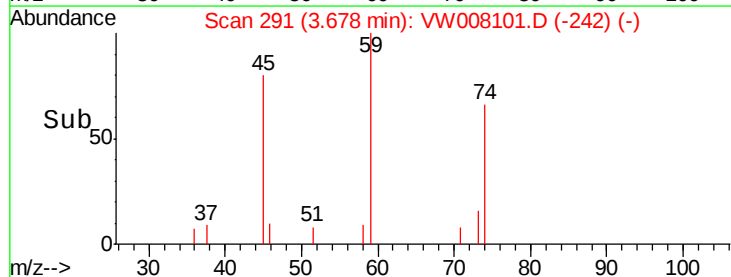
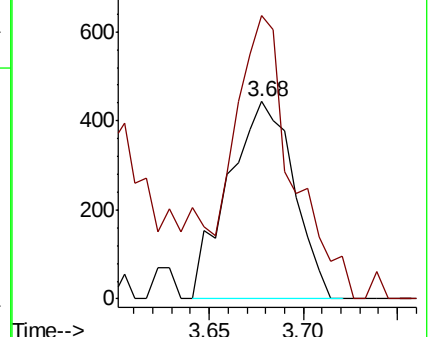
74 100

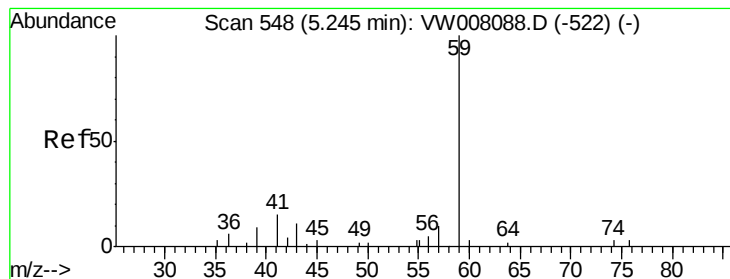
45 124.1 52.4 157.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#11

Tert butyl alcohol

Concen: 16.566 ug/l

RT: 5.19 min Scan# 539

Delta R.T. -0.05 min

Lab File: VW008101.D

Acq: 09 Jan 2019 14:24

Instrument :

MSVOA_W

ClientSampleId :

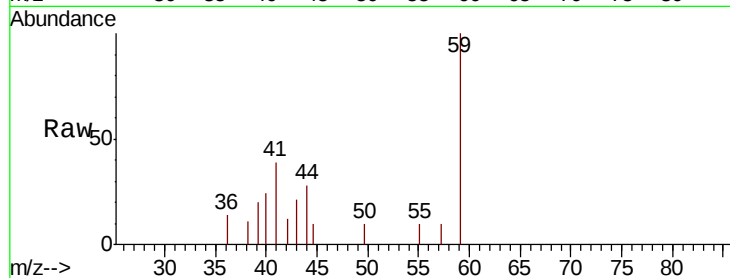
CPSB-15(20-25)

Tgt Ion: 59 Resp: 2551

Ion Ratio Lower Upper

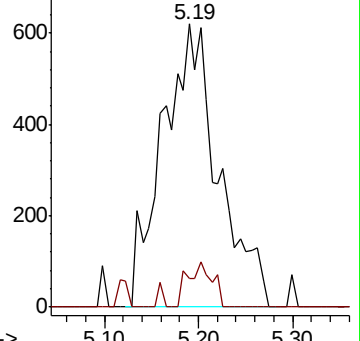
59 100

57 7.2 0.0 0.0#

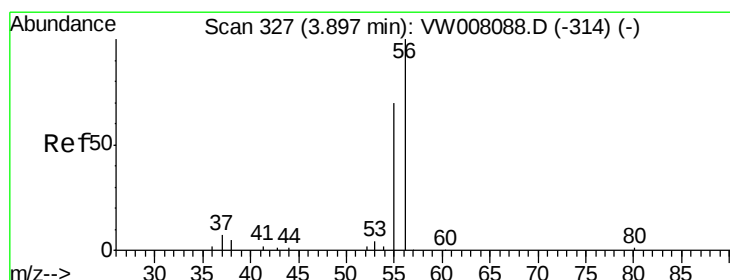
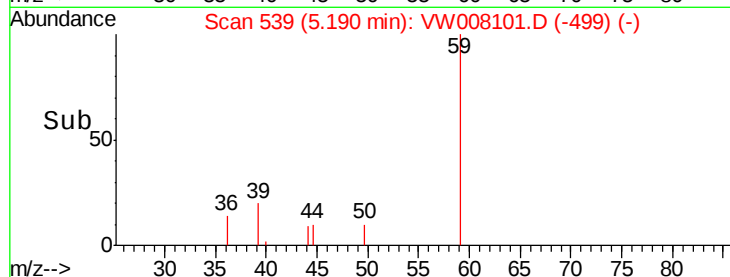


Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



Time-->



#13

Acrolein

Concen: 1.082 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW008101.D

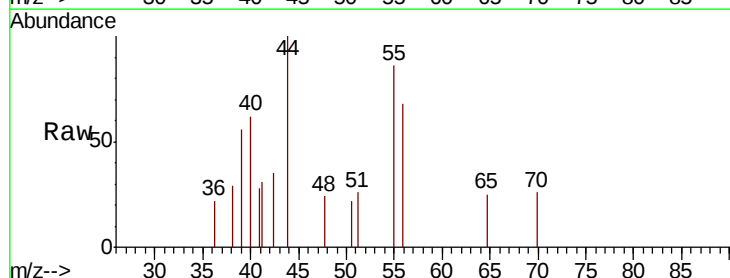
Acq: 09 Jan 2019 14:24

Tgt Ion: 56 Resp: 170

Ion Ratio Lower Upper

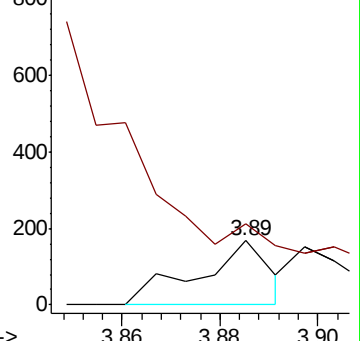
56 100

55 0.0 56.6 84.8#

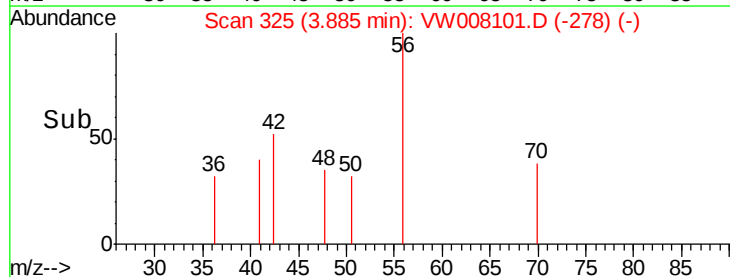


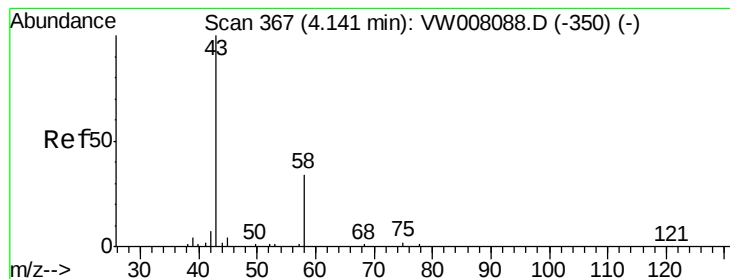
Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



Time-->





#16

Acetone

Concen: 621.726 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW008101.D

Acq: 09 Jan 2019 14:24

Instrument :

MSVOA_W

ClientSampleId :

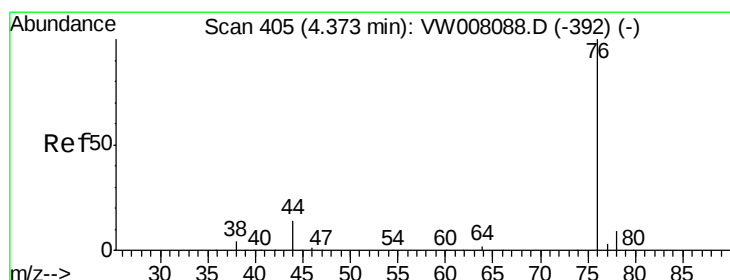
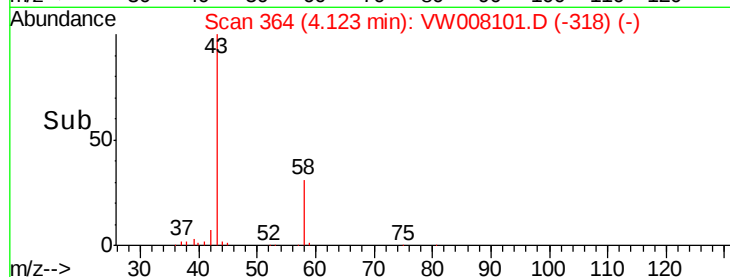
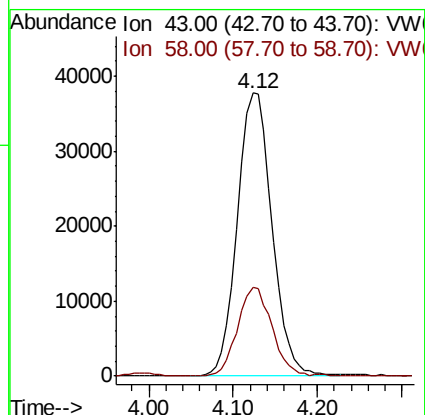
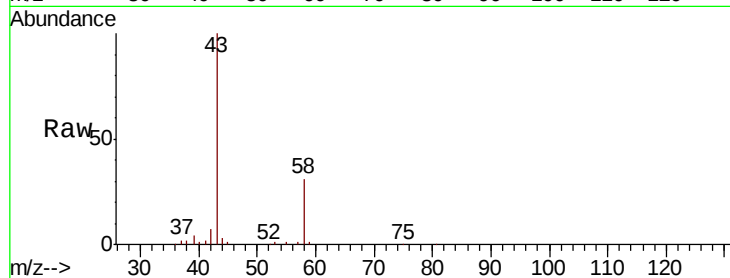
CPSB-15(20-25)

Tgt Ion: 43 Resp: 105313

Ion Ratio Lower Upper

43 100

58 31.5 27.5 41.3



#17

Carbon Disulfide

Concen: 6.127 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW008101.D

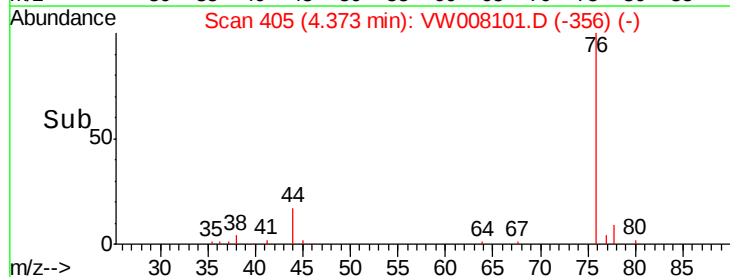
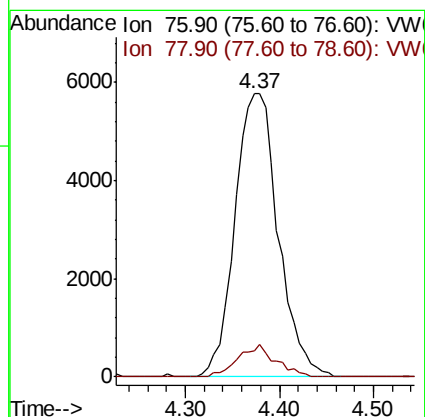
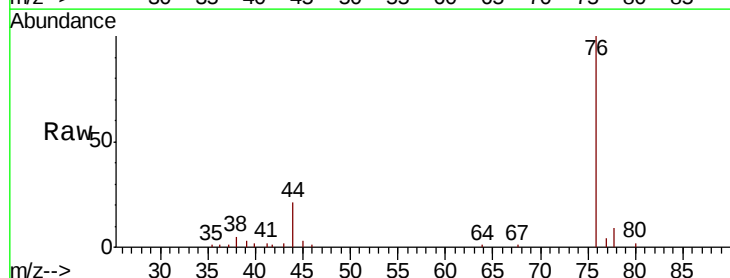
Acq: 09 Jan 2019 14:24

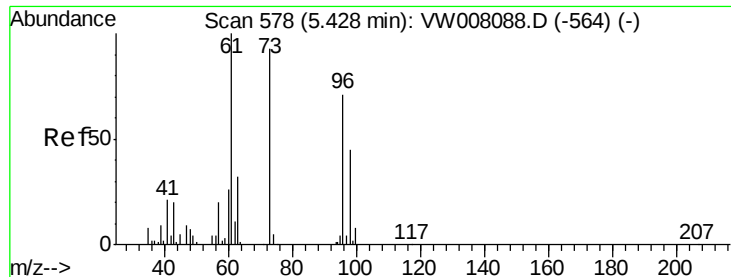
Tgt Ion: 76 Resp: 18510

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.6





#19

Methyl tert-butyl Ether

Concen: 3.565 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW008101.D

Acq: 09 Jan 2019 14:24

Instrument :

MSVOA_W

ClientSampleId :

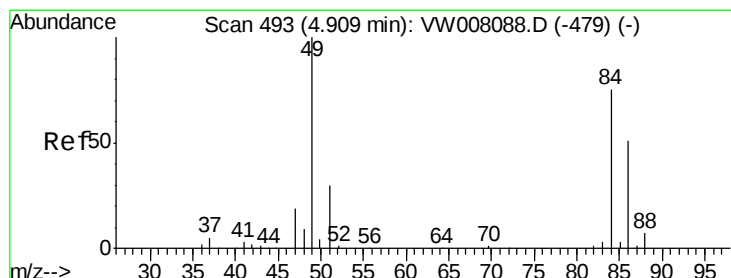
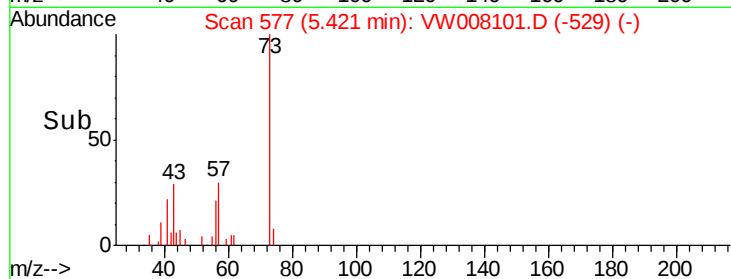
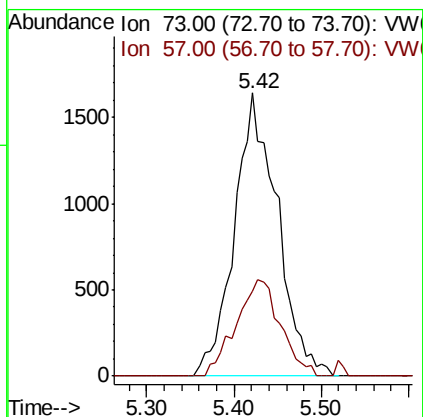
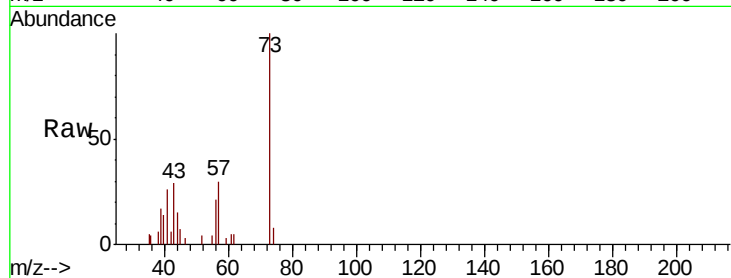
CPSB-15(20-25)

Tgt Ion: 73 Resp: 5605

Ion Ratio Lower Upper

73 100

57 29.9 16.7 25.1#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW008101.D

Acq: 09 Jan 2019 14:24

Tgt Ion: 84 Resp: 1936

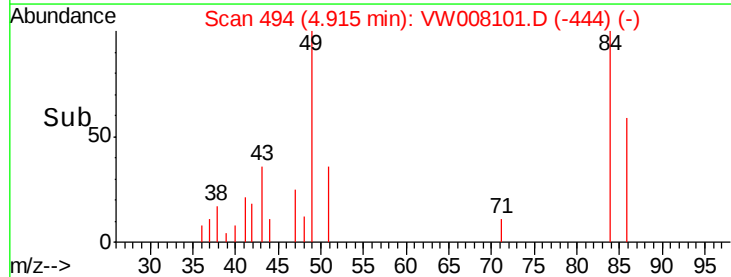
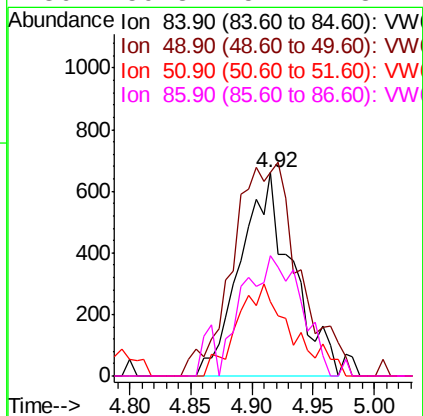
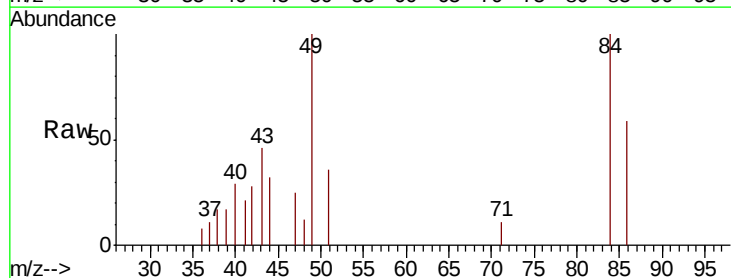
Ion Ratio Lower Upper

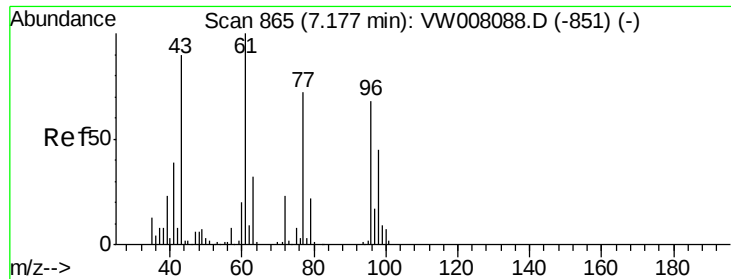
84 100

49 92.3 107.1 160.7#

51 36.4 32.4 48.6

86 59.3 54.2 81.4





#25

2-Butanone

Concen: 106.372 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW008101.D

Acq: 09 Jan 2019 14:24

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ClientSampleId :

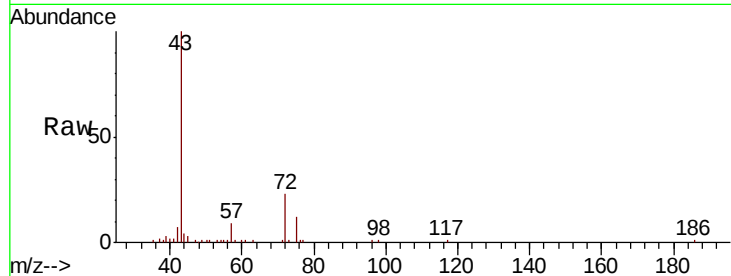
CPSB-15(20-25)

Tgt Ion: 43 Resp: 29376

Ion Ratio Lower Upper

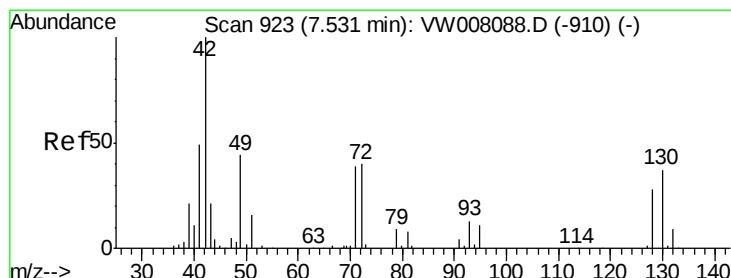
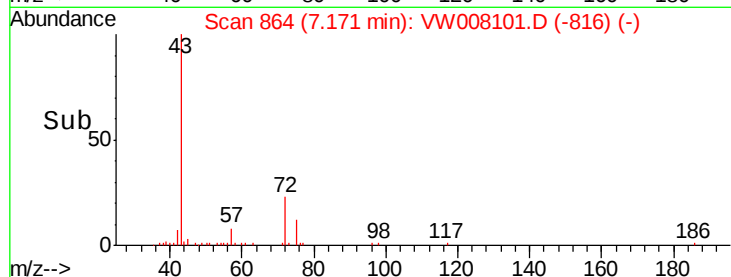
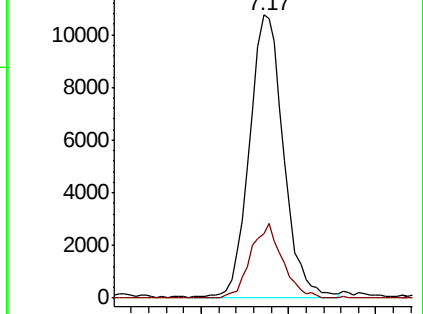
43 100

72 23.0 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#29

Tetrahydrofuran

Concen: 2.640 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW008101.D

Acq: 09 Jan 2019 14:24

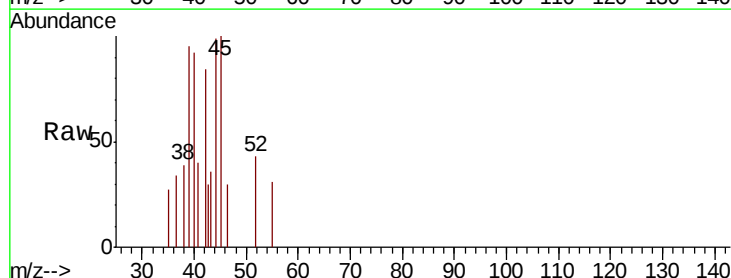
Tgt Ion: 42 Resp: 487

Ion Ratio Lower Upper

42 100

72 0.0 32.4 48.6#

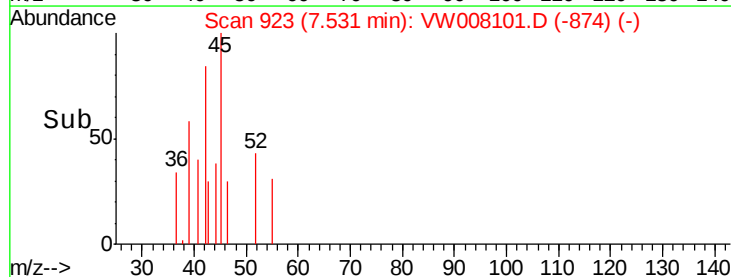
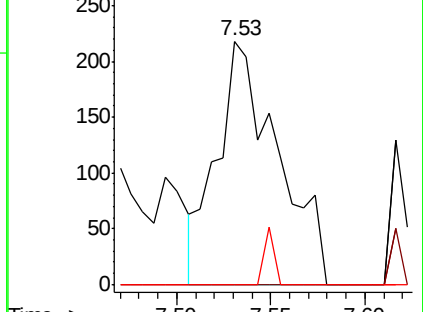
71 3.9 31.3 46.9#

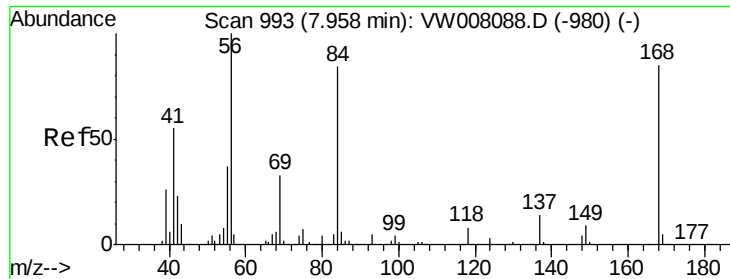


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

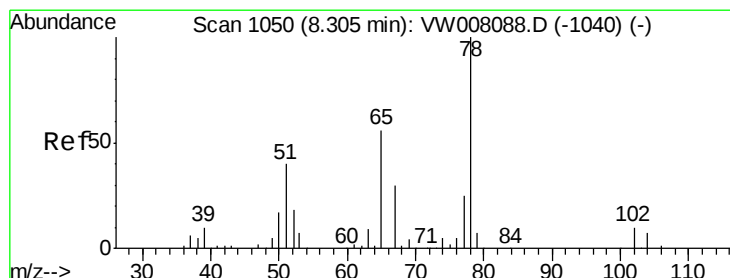
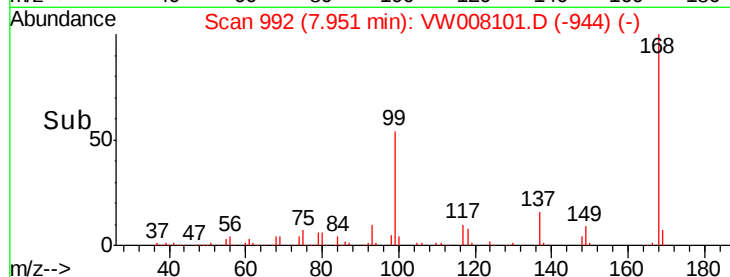
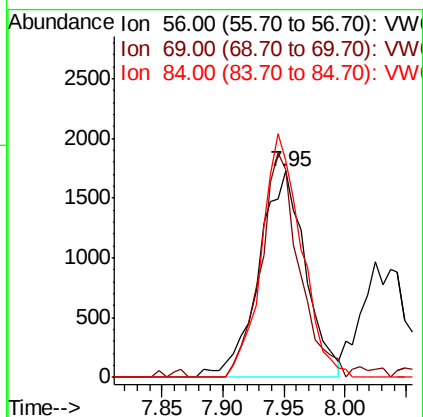
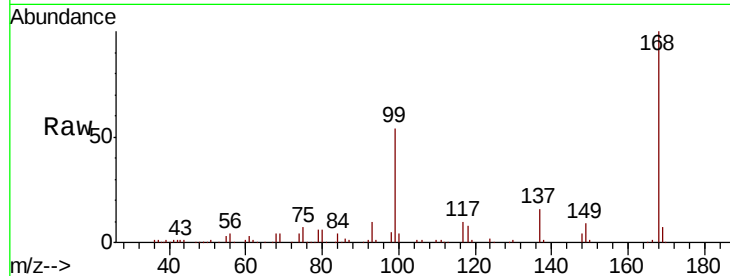




#31
Cyclohexane
Concen: 2.208 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW008101.D
Acq: 09 Jan 2019 14:24

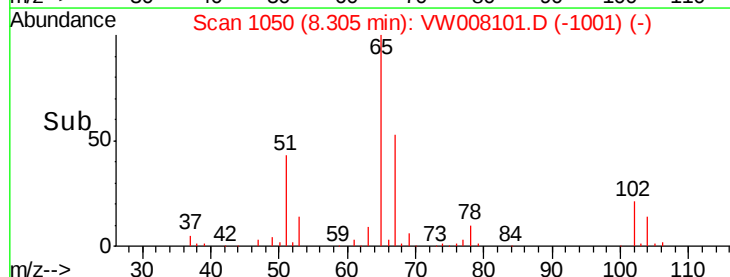
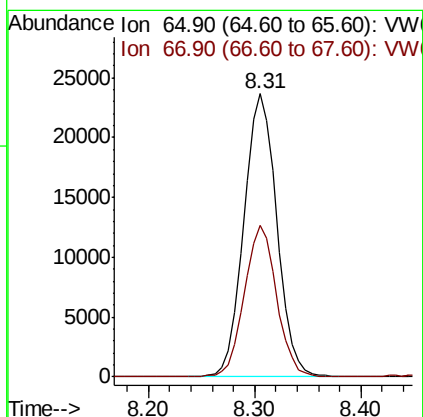
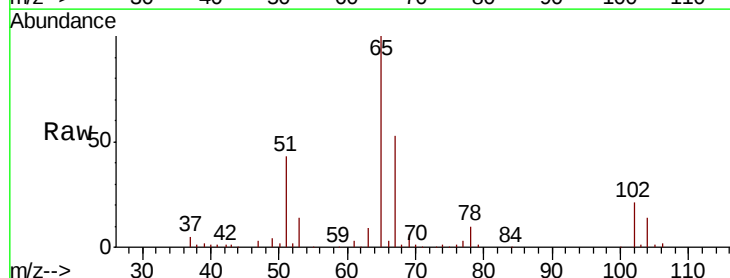
Instrument :
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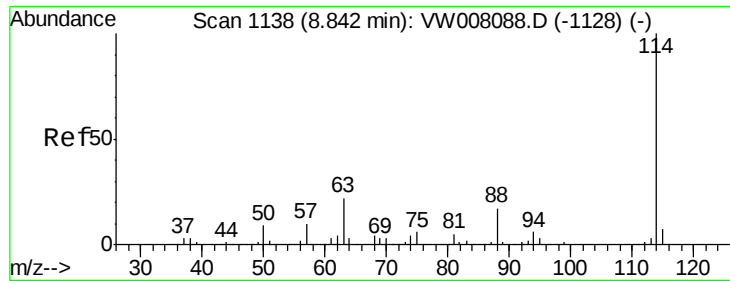
Tgt Ion: 56 Resp: 4612
Ion Ratio Lower Upper
56 100
69 100.7 26.2 39.4#
84 105.2 67.4 101.2#



#33
1,2-Dichloroethane-d4
Concen: 51.831 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW008101.D
Acq: 09 Jan 2019 14:24

Tgt Ion: 65 Resp: 51445
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.8

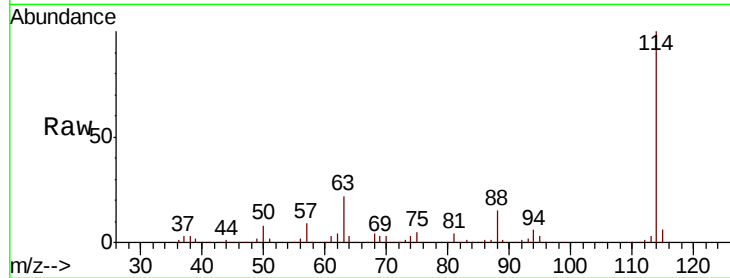




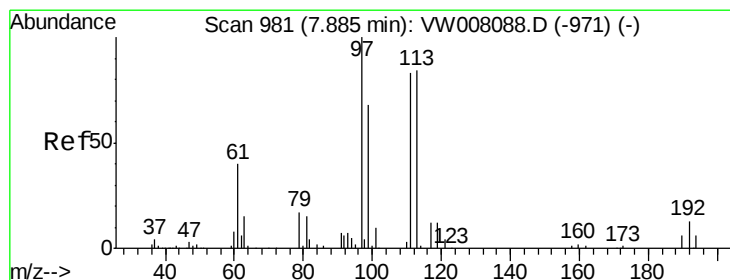
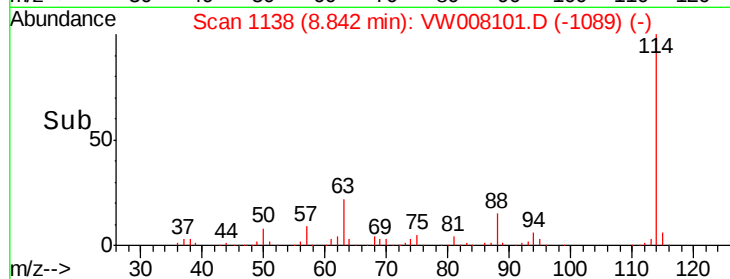
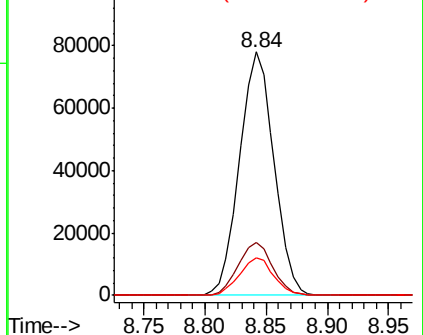
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008101.D
 Acq: 09 Jan 2019 14:24

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-15(20-25)

Tgt Ion:114 Resp: 152374
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.4
 88 15.4 0.0 33.4

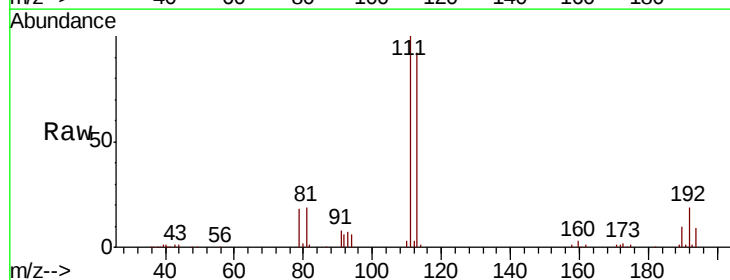


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

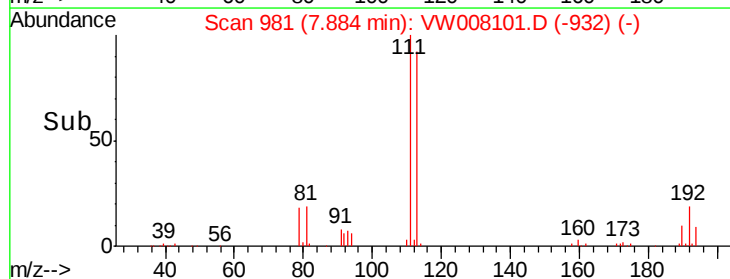
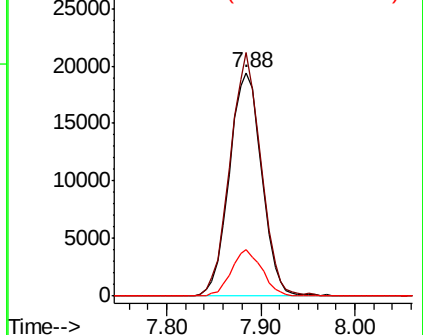


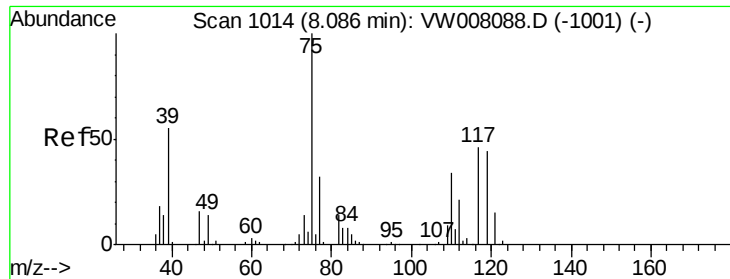
#35
 Dibromofluoromethane
 Concen: 52.169 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008101.D
 Acq: 09 Jan 2019 14:24

Tgt Ion:113 Resp: 46363
 Ion Ratio Lower Upper
 113 100
 111 104.3 81.8 122.8
 192 19.8 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

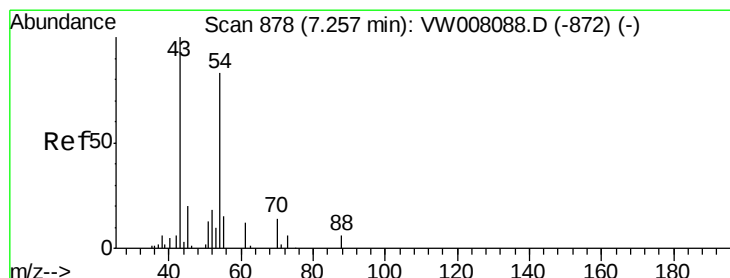
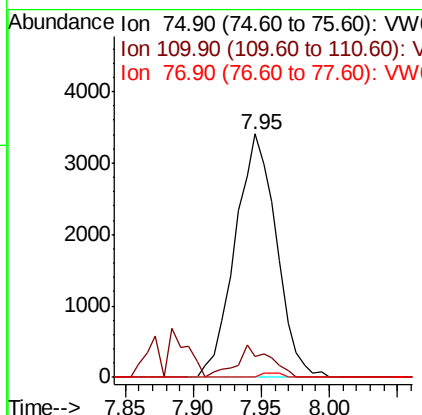
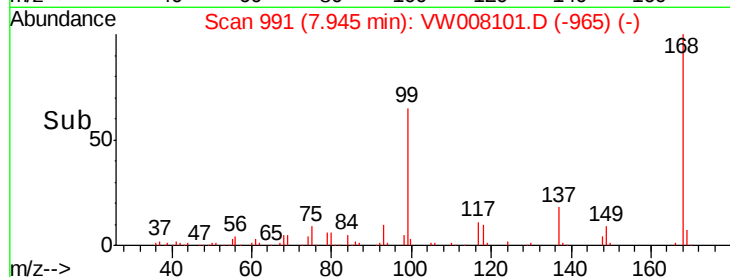
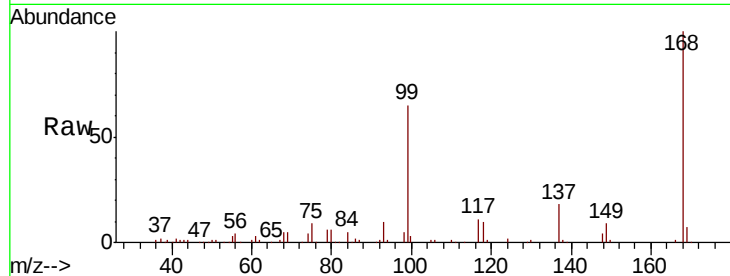




#36
 1,1-Dichloropropene
 Concen: 4.597 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW008101.D
 Acq: 09 Jan 2019 14:24

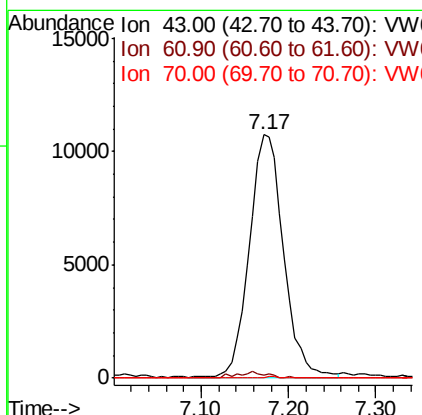
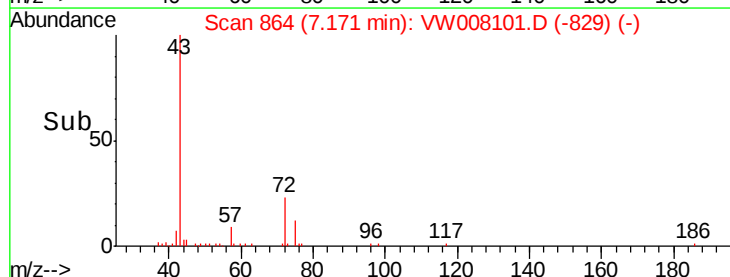
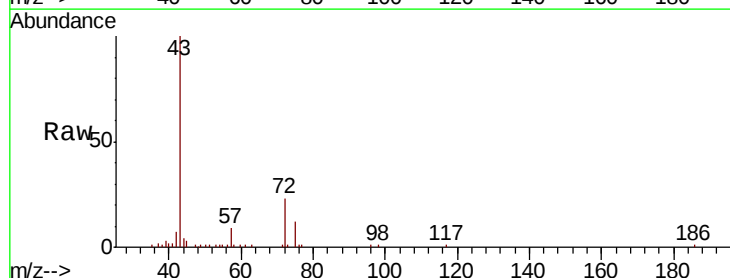
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-15(20-25)

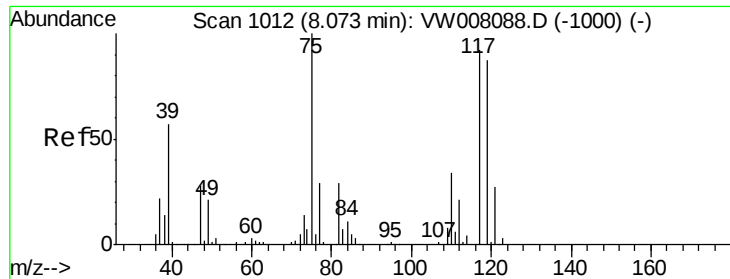
Tgt Ion: 75 Resp: 7216
 Ion Ratio Lower Upper
 75 100
 110 10.3 17.1 51.3#
 77 0.0 25.5 38.3#



#37
 Ethyl Acetate
 Concen: 46.715 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.09 min
 Lab File: VW008101.D
 Acq: 09 Jan 2019 14:24

Tgt Ion: 43 Resp: 29376
 Ion Ratio Lower Upper
 43 100
 61 2.1 10.6 16.0#
 70 0.2 8.9 13.3#

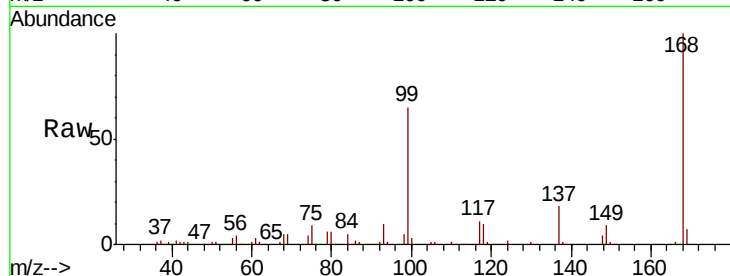




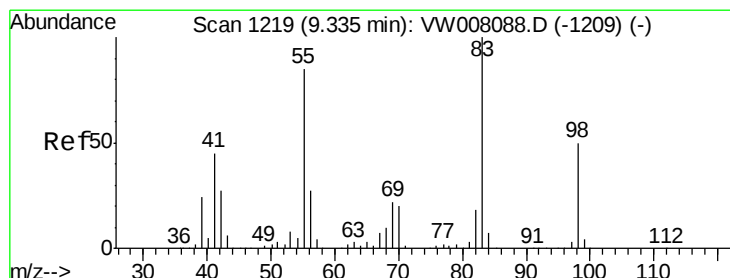
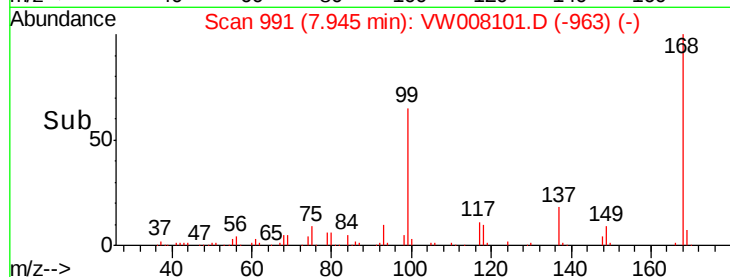
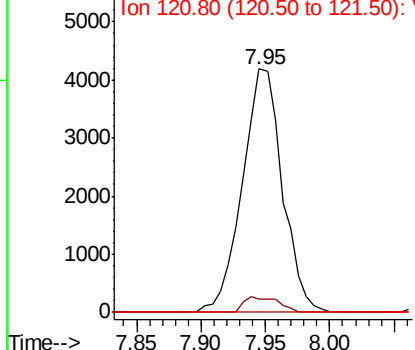
#38
Carbon Tetrachloride
Concen: 6.268 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW008101.D
Acq: 09 Jan 2019 14:24

Instrument :
MSVOA_W
ClientSampleId :
CPSB-15(20-25)

Tgt Ion:117 Resp: 9005
Ion Ratio Lower Upper
117 100
119 5.4 75.8 113.8#
121 0.0 23.7 35.5#

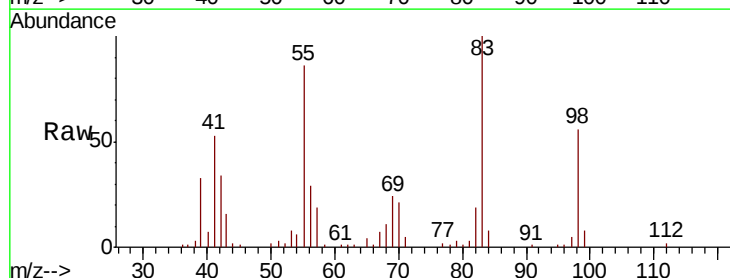


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

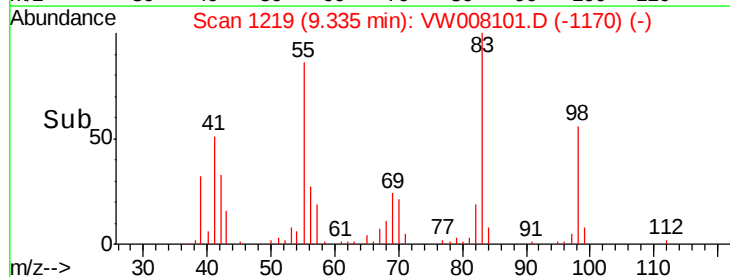
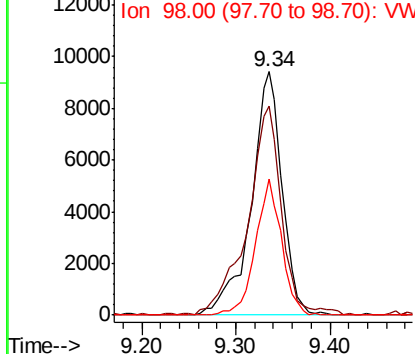


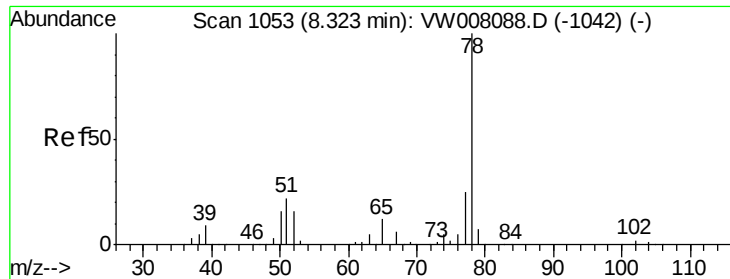
#39
Methylcyclohexane
Concen: 10.895 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008101.D
Acq: 09 Jan 2019 14:24

Tgt Ion: 83 Resp: 21683
Ion Ratio Lower Upper
83 100
55 85.1 67.8 101.6
98 56.1 40.2 60.4



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





#40

Benzene

Concen: 2.886 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VW008101.D

Acq: 09 Jan 2019 14:24

Instrument :

MSVOA_W

ClientSampleId :

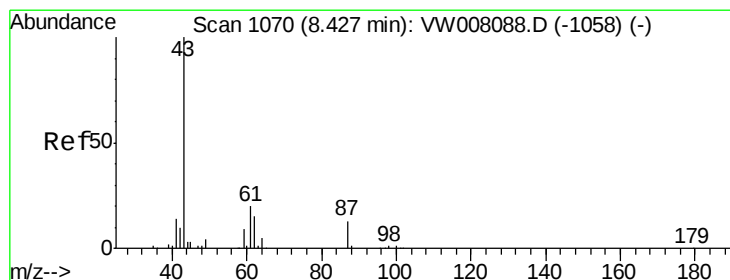
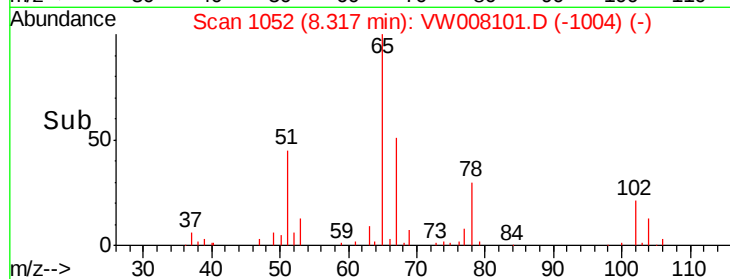
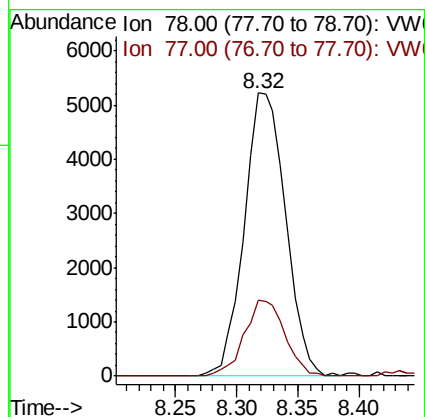
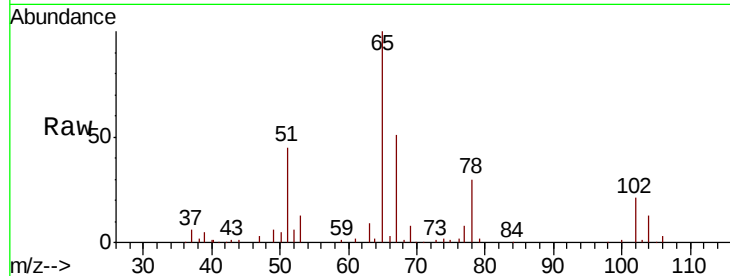
CPSB-15(20-25)

Tgt Ion: 78 Resp: 12287

Ion Ratio Lower Upper

78 100

77 26.9 20.2 30.4



#43

Isopropyl Acetate

Concen: 1.299 ug/l

RT: 8.41 min Scan# 1068

Delta R.T. -0.01 min

Lab File: VW008101.D

Acq: 09 Jan 2019 14:24

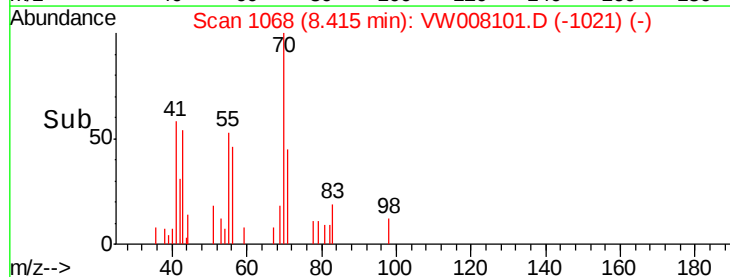
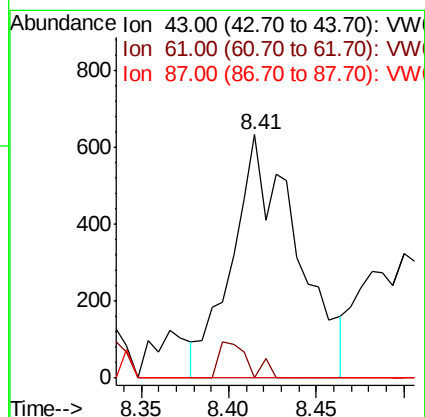
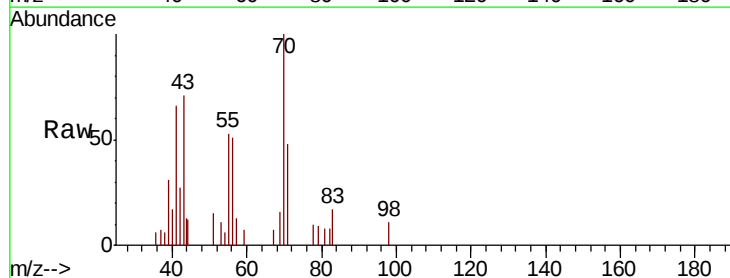
Tgt Ion: 43 Resp: 1633

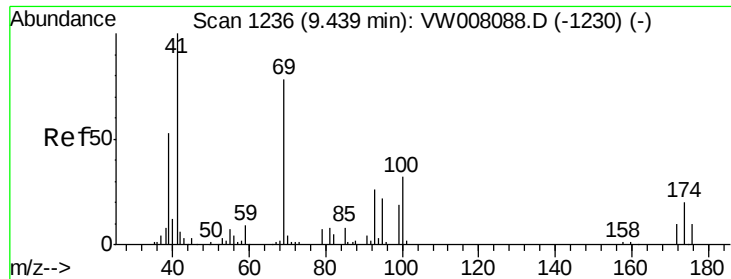
Ion Ratio Lower Upper

43 100

61 6.7 24.8 37.2#

87 0.0 10.4 15.6#

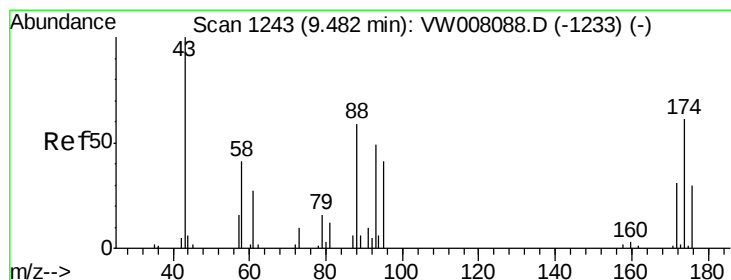
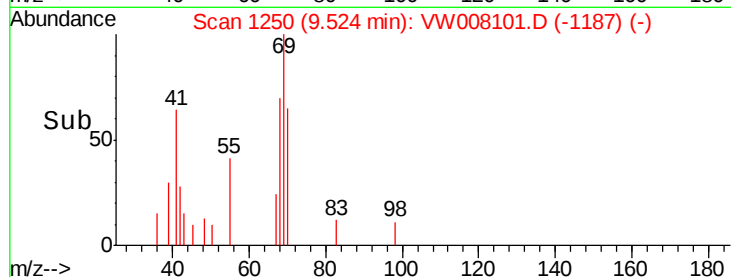
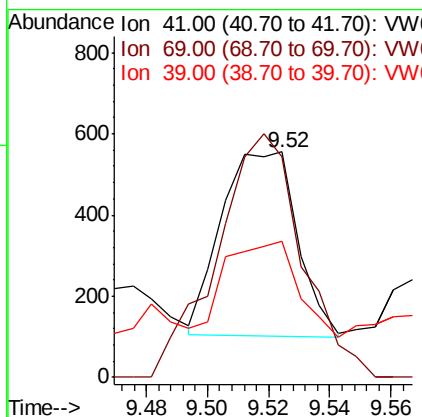
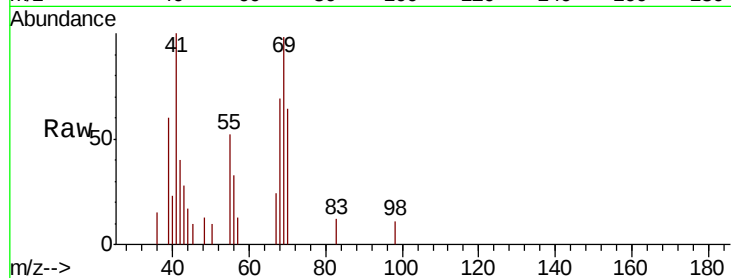




#48
Methyl methacrylate
Concen: 1.305 ug/l
RT: 9.52 min Scan# 1250
Delta R.T. 0.09 min
Lab File: VW008101.D
Acq: 09 Jan 2019 14:24

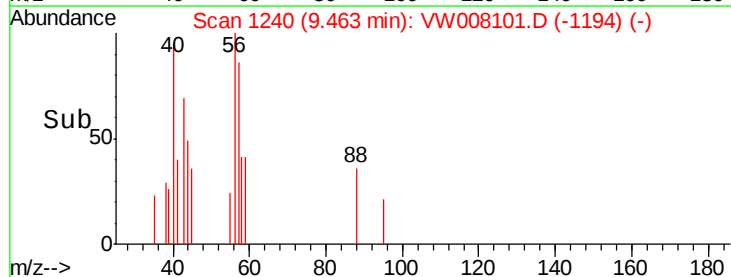
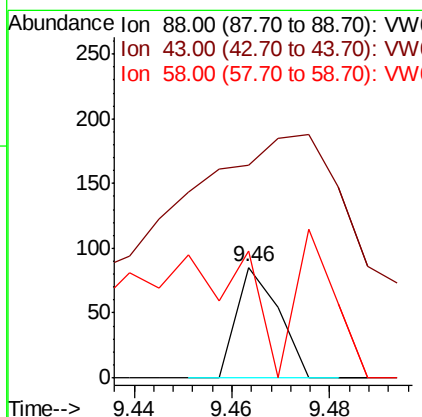
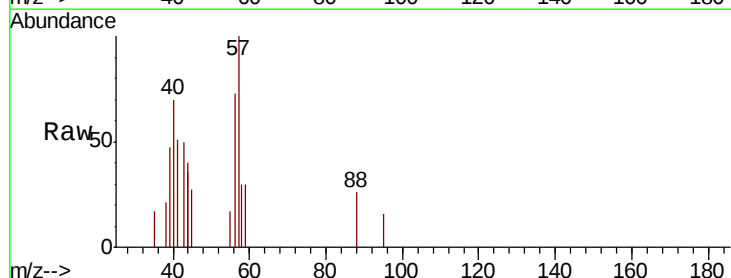
Instrument :
MSVOA_W
ClientSampleId :
CPSB-15(20-25)

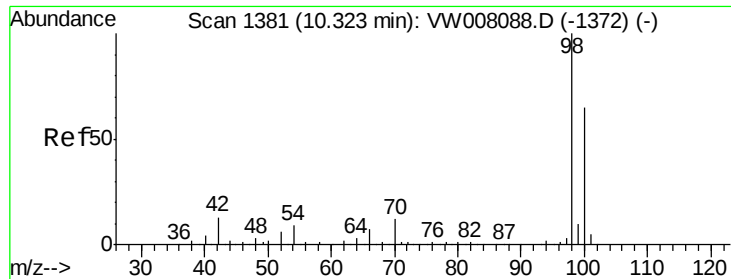
Tgt Ion: 41 Resp: 774
Ion Ratio Lower Upper
41 100
69 149.5 61.9 92.9#
39 49.6 43.0 64.4



#49
1,4-Dioxane
Concen: 6.117 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. -0.02 min
Lab File: VW008101.D
Acq: 09 Jan 2019 14:24

Tgt Ion: 88 Resp: 51
Ion Ratio Lower Upper
88 100
43 454.9 0.0 0.0#
58 123.5 61.7 92.5#

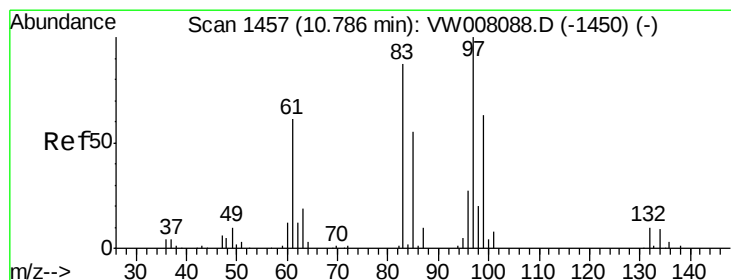
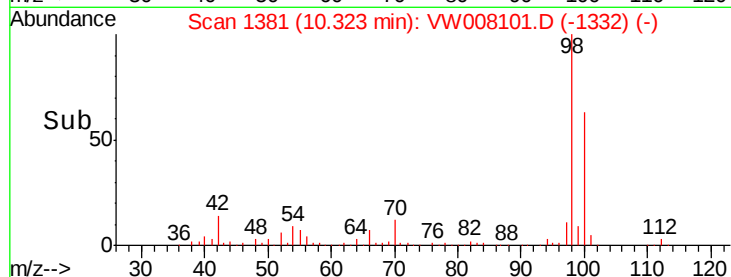
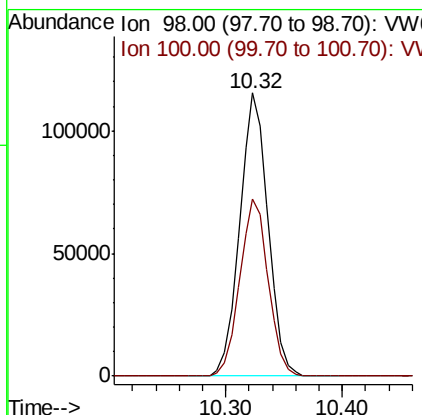
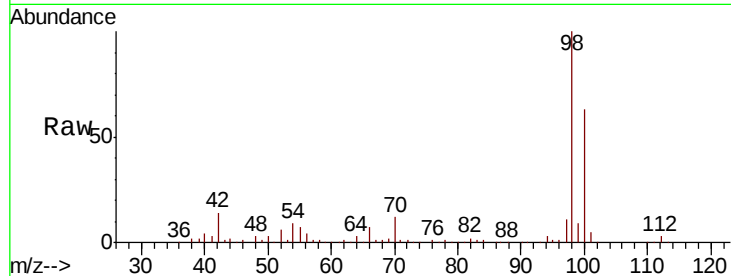




#50
Toluene-d8
Concen: 52.245 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008101.D
Acq: 09 Jan 2019 14:24

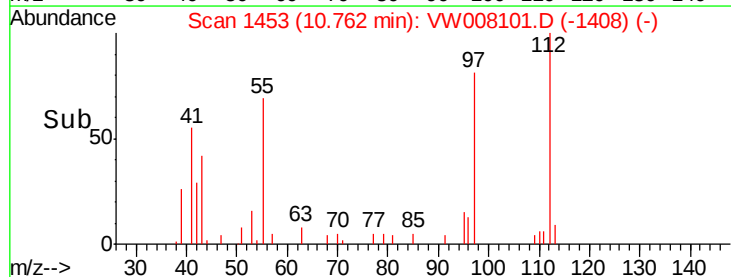
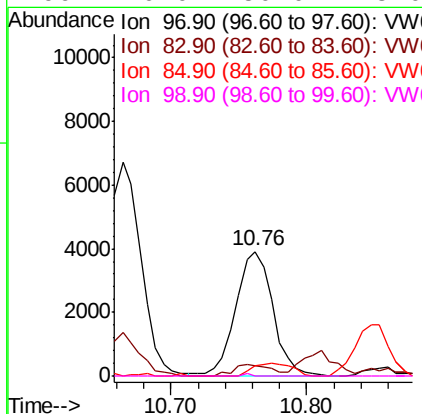
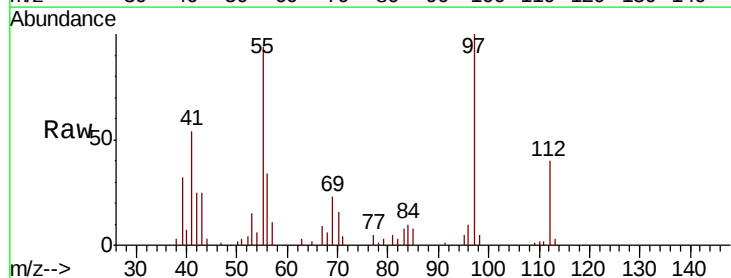
Instrument :
MSVOA_W
ClientSampleId :
CPSB-15(20-25)

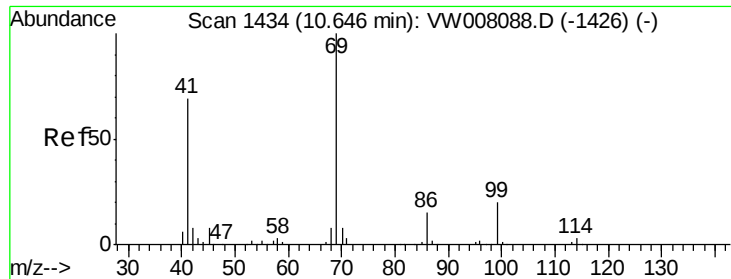
Tgt Ion: 98 Resp: 194839
Ion Ratio Lower Upper
98 100
100 63.0 51.7 77.5



#55
1,1,2-Trichloroethane
Concen: 10.274 ug/l
RT: 10.76 min Scan# 1453
Delta R.T. -0.02 min
Lab File: VW008101.D
Acq: 09 Jan 2019 14:24

Tgt Ion: 97 Resp: 7478
Ion Ratio Lower Upper
97 100
83 8.0 69.3 103.9#
85 8.1 43.8 65.6#
99 0.0 50.0 75.0#





#56

Ethyl methacrylate

Concen: 3.710 ug/l

RT: 10.67 min Scan# 1438

Delta R.T. 0.02 min

Lab File: VW008101.D

Acq: 09 Jan 2019 14:24

Instrument :

MSVOA_W

ClientSampleId :

CPSB-15(20-25)

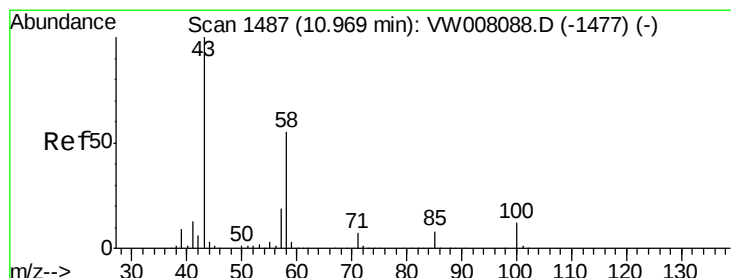
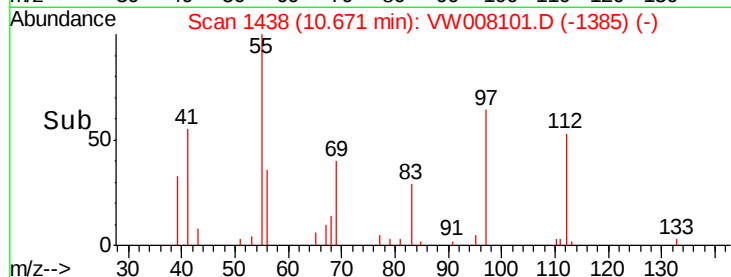
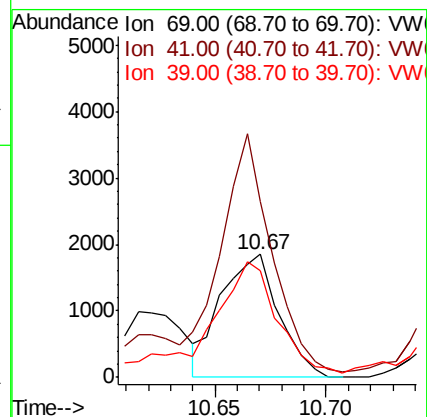
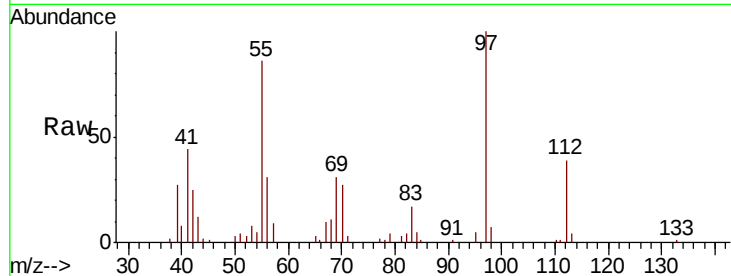
Tgt Ion: 69 Resp: 3344

Ion Ratio Lower Upper

69 100

41 170.5 56.4 84.6#

39 101.4 28.1 42.1#



#59

2-Hexanone

Concen: 50.549 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.03 min

Lab File: VW008101.D

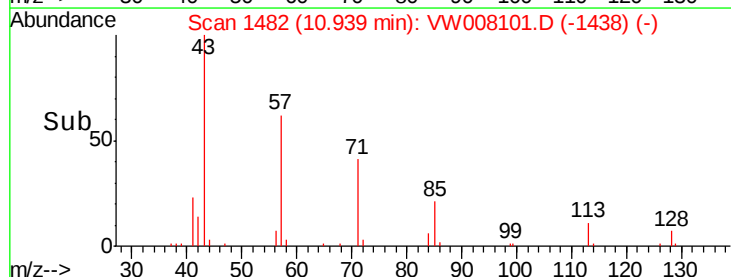
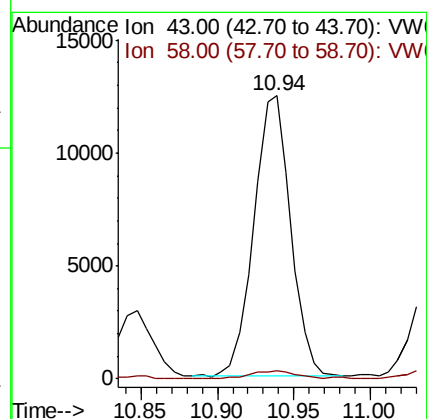
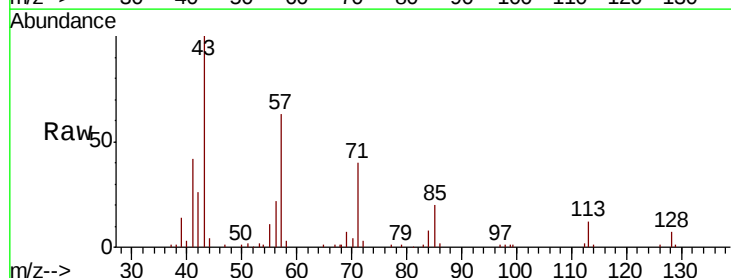
Acq: 09 Jan 2019 14:24

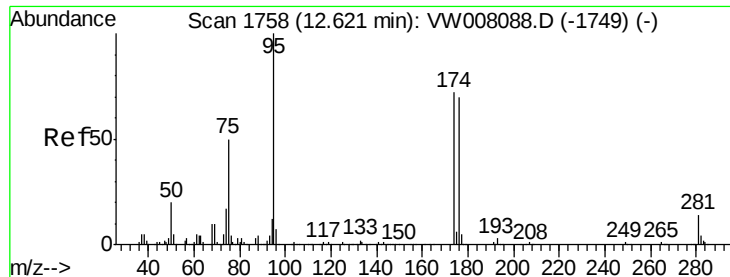
Tgt Ion: 43 Resp: 20804

Ion Ratio Lower Upper

43 100

58 3.7 27.2 81.5#

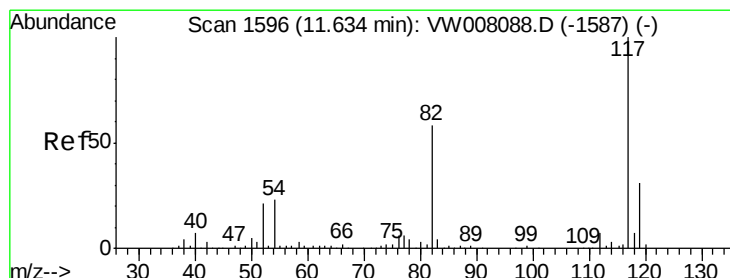
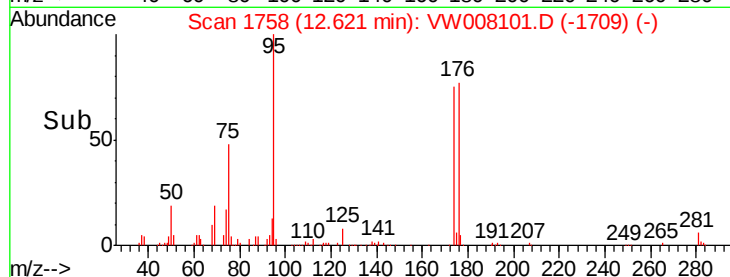
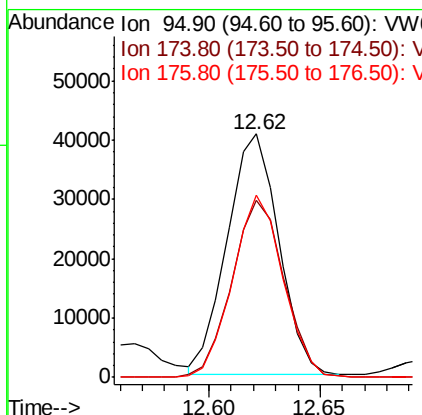
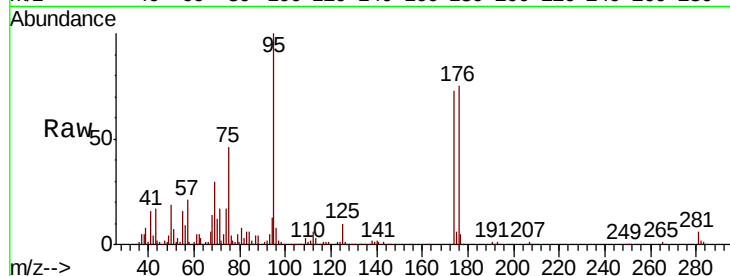




#62
4-Bromofluorobenzene
Concen: 49.234 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008101.D
Acq: 09 Jan 2019 14:24

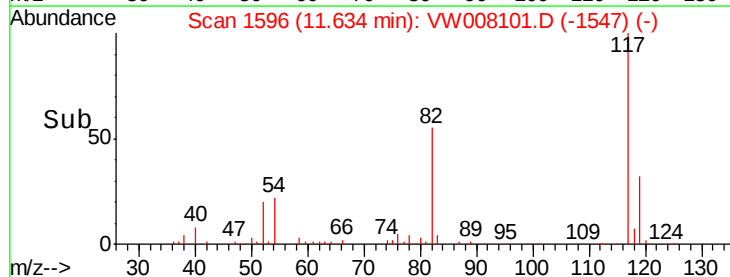
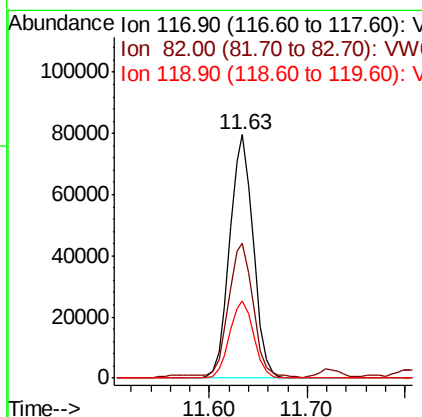
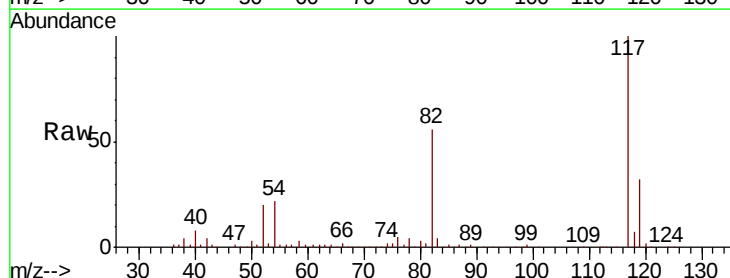
Instrument :
MSVOA_W
ClientSampleId :
CPSB-15(20-25)

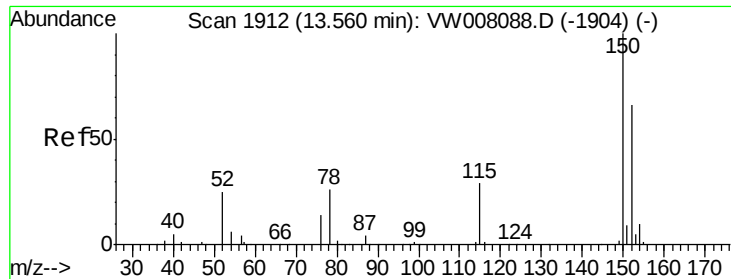
Tgt Ion: 95 Resp: 65824
Ion Ratio Lower Upper
95 100
174 74.0 0.0 143.0
176 73.6 0.0 140.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008101.D
Acq: 09 Jan 2019 14:24

Tgt Ion: 117 Resp: 132450
Ion Ratio Lower Upper
117 100
82 54.4 46.4 69.6
119 31.7 24.7 37.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008101.D

Acq: 09 Jan 2019 14:24

Instrument :

MSVOA_W

ClientSampleId :

CPSB-15(20-25)

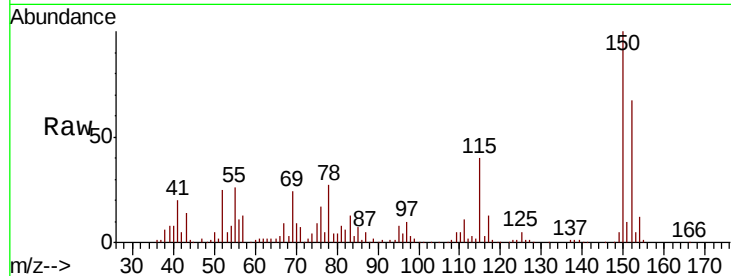
Tgt Ion:152 Resp: 61687

Ion Ratio Lower Upper

152 100

115 56.3 30.8 92.4

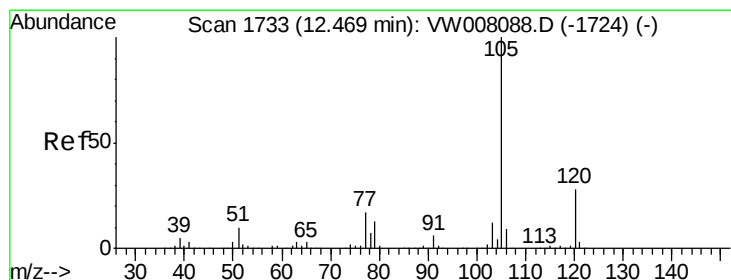
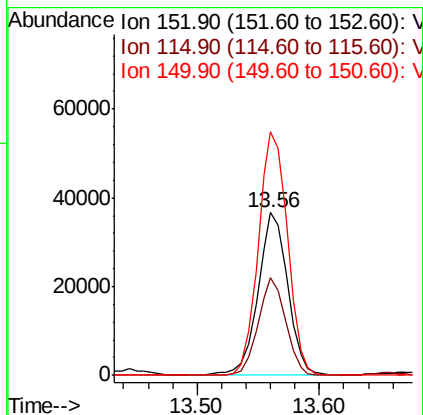
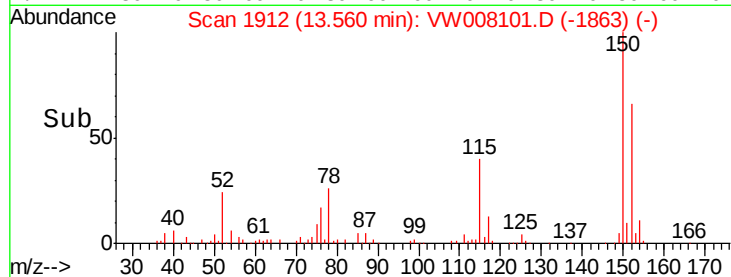
150 147.4 0.0 350.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 3.424 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW008101.D

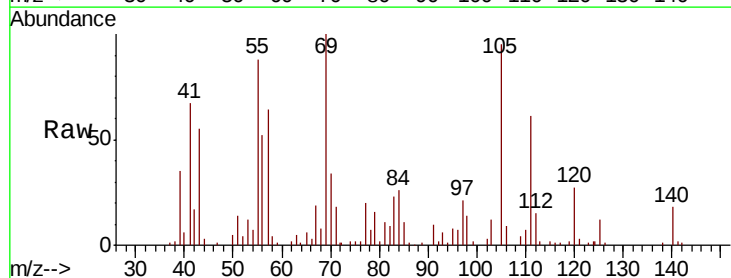
Acq: 09 Jan 2019 14:24

Tgt Ion:105 Resp: 16581

Ion Ratio Lower Upper

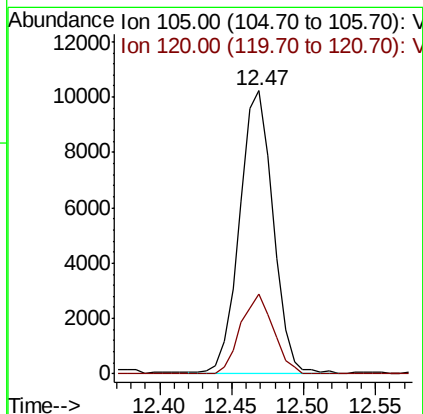
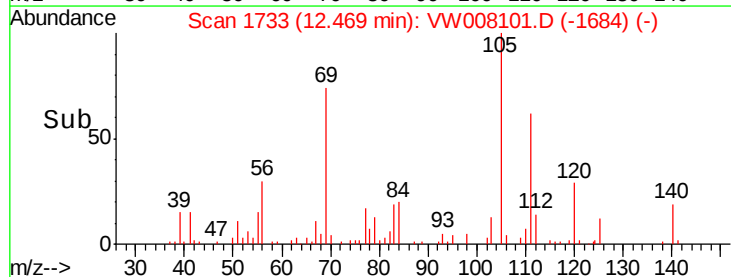
105 100

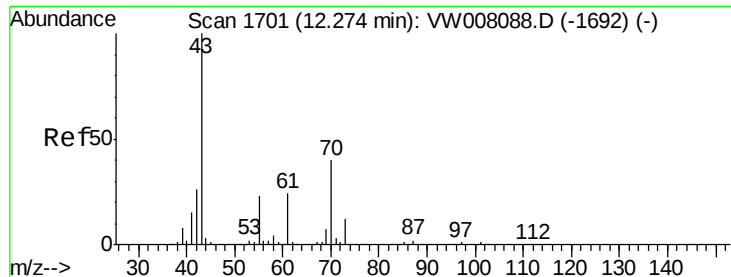
120 27.4 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 48.566 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW008101.D

Acq: 09 Jan 2019 14:24

Instrument :

MSVOA_W

ClientSampleId :

CPSB-15(20-25)

Tgt Ion: 43 Resp: 52087

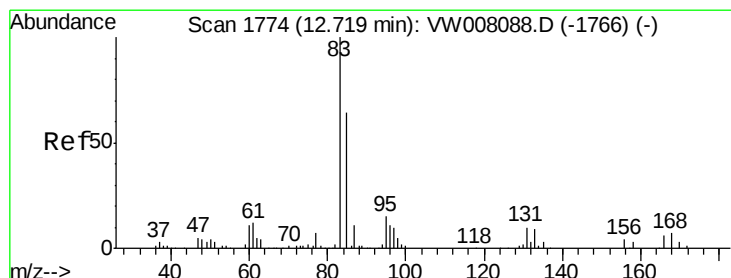
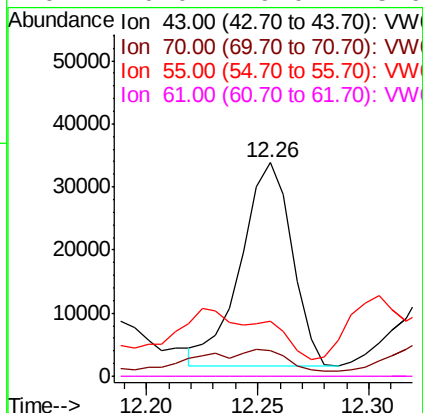
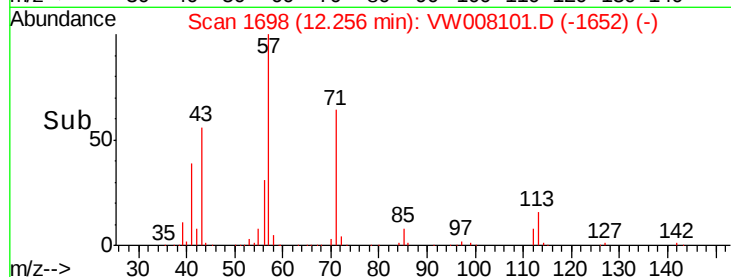
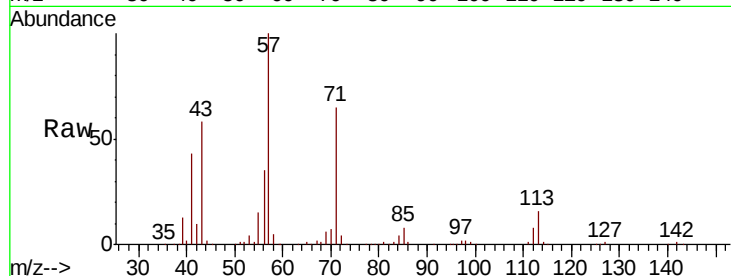
Ion Ratio Lower Upper

43 100

70 17.5 32.4 48.6#

55 0.0 18.7 28.1#

61 0.0 19.0 28.6#



#75

1,1,2,2-Tetrachloroethane

Concen: 9.910 ug/l

RT: 12.69 min Scan# 1769

Delta R.T. -0.03 min

Lab File: VW008101.D

Acq: 09 Jan 2019 14:24

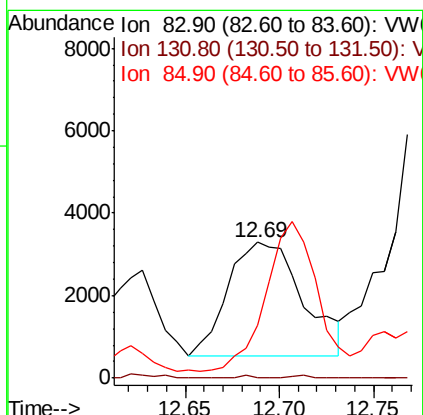
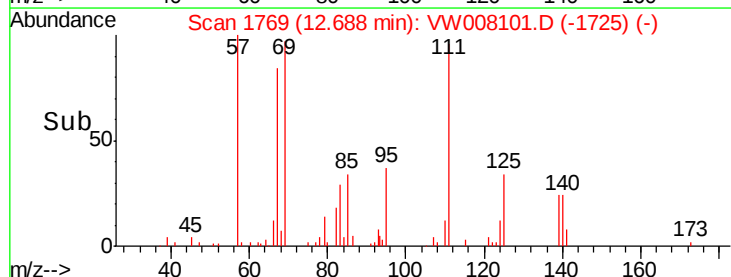
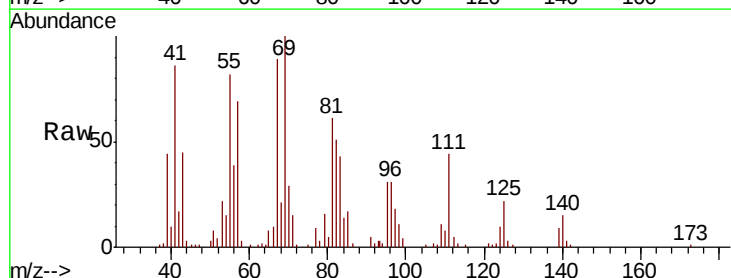
Tgt Ion: 83 Resp: 7682

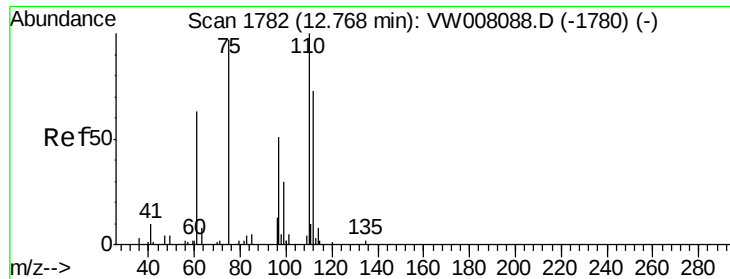
Ion Ratio Lower Upper

83 100

131 0.3 5.3 16.1#

85 0.0 32.4 97.2#





#76

1,2,3-Trichloropropane

Concen: 57.106 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008101.D

Acq: 09 Jan 2019 14:24

Instrument :

MSVOA_W

ClientSampleId :

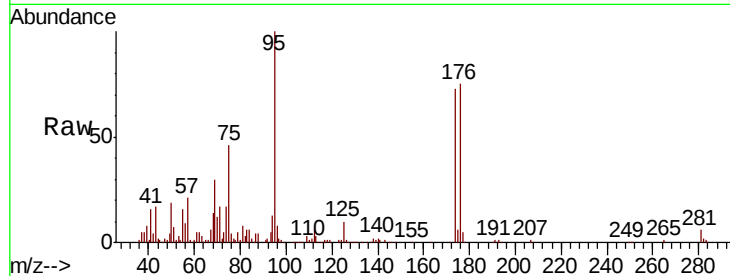
CPSB-15(20-25)

Tgt Ion: 75 Resp: 32113

Ion Ratio Lower Upper

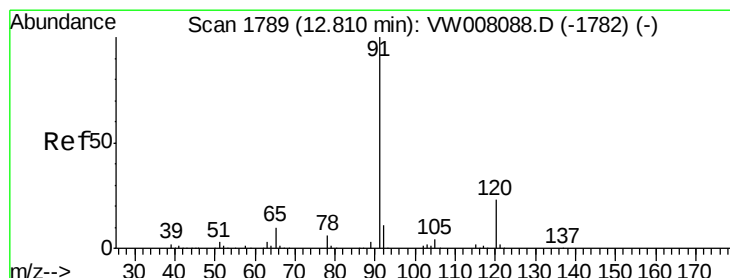
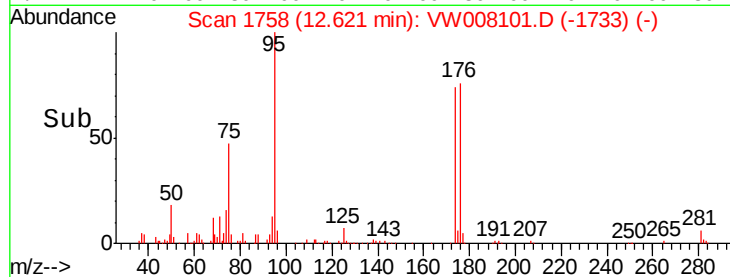
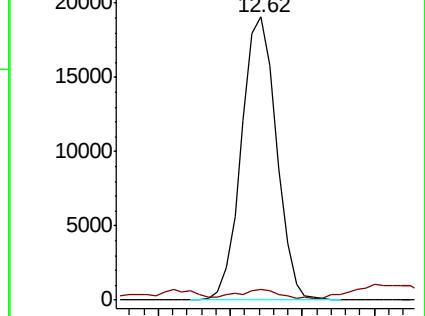
75 100

77 3.4 179.4 538.2#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#78

n-propylbenzene

Concen: 4.706 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008101.D

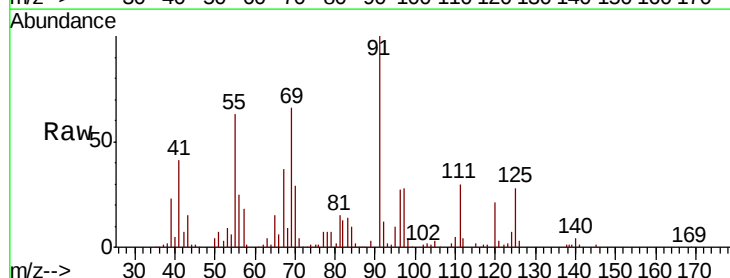
Acq: 09 Jan 2019 14:24

Tgt Ion: 91 Resp: 27925

Ion Ratio Lower Upper

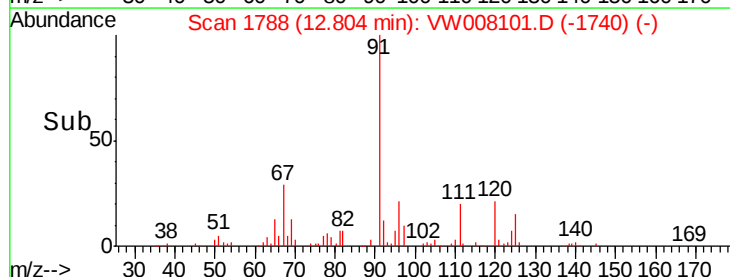
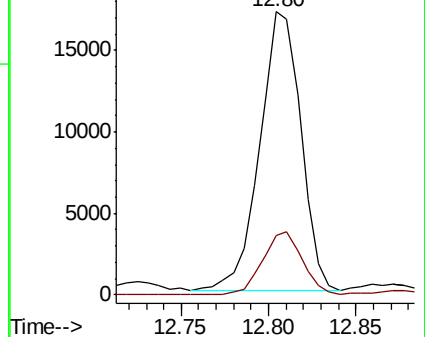
91 100

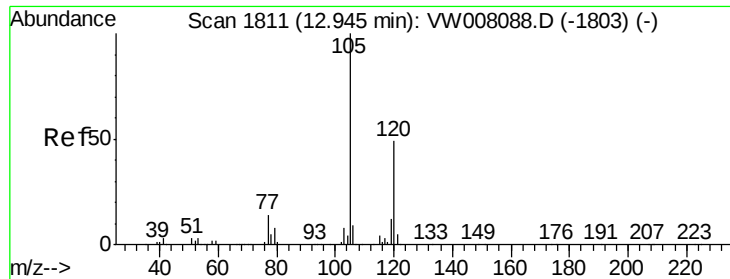
120 21.9 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

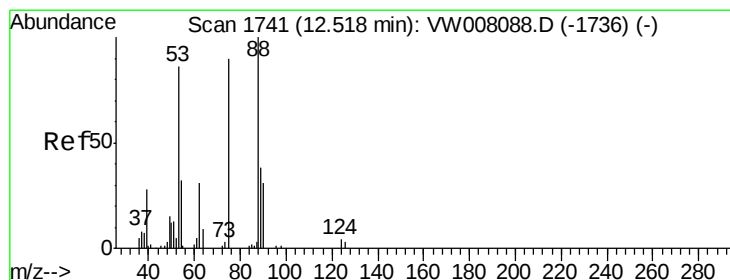
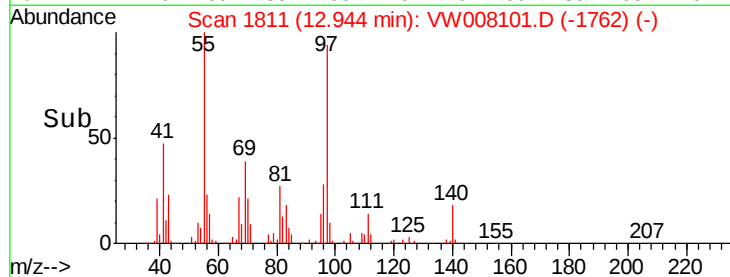
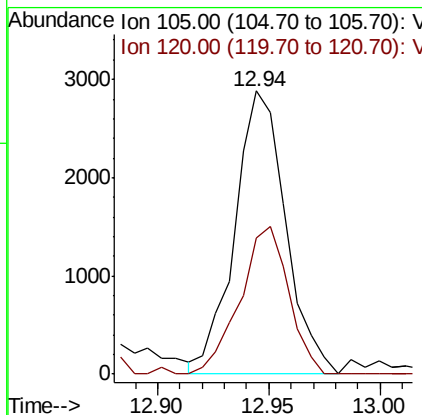
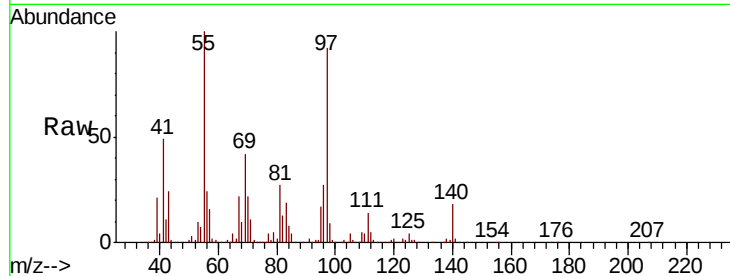




#80
 1,3,5-Trimethylbenzene
 Concen: 1.158 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW008101.D
 Acq: 09 Jan 2019 14:24

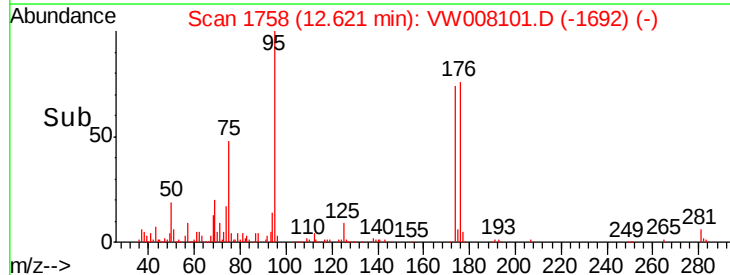
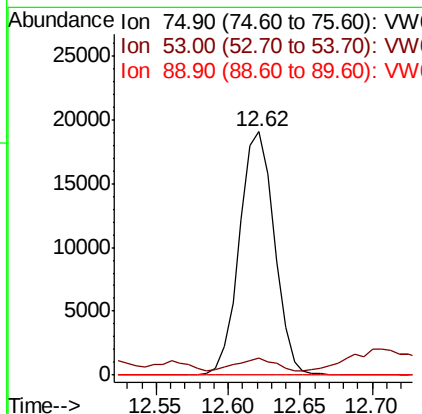
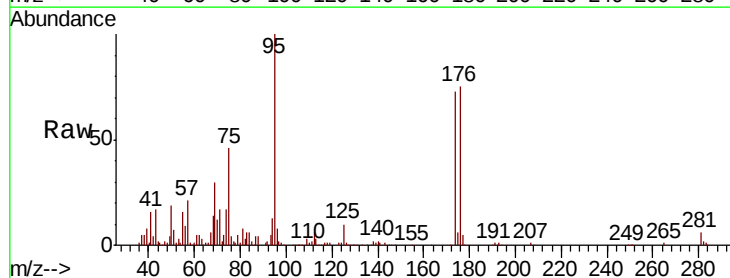
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-15(20-25)

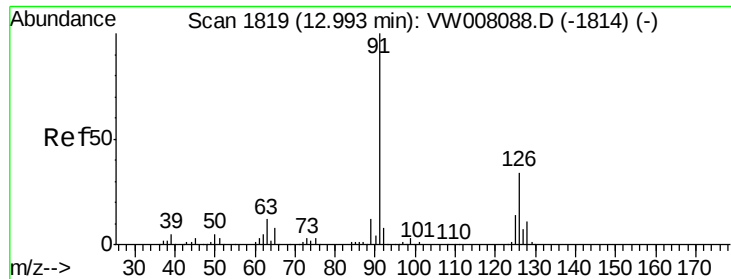
Tgt Ion: 105 Resp: 4607
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.7 74.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 132.982 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW008101.D
 Acq: 09 Jan 2019 14:24

Tgt Ion: 75 Resp: 32113
 Ion Ratio Lower Upper
 75 100
 53 5.9 78.8 118.2#
 89 0.0 35.4 53.2#

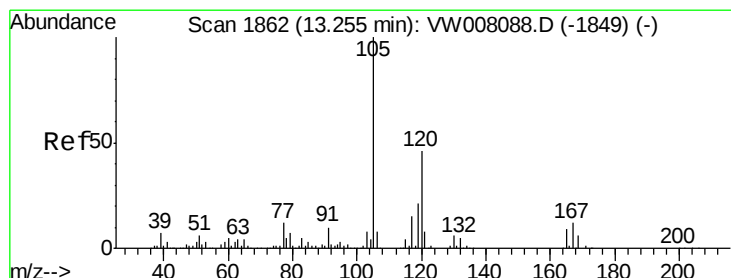
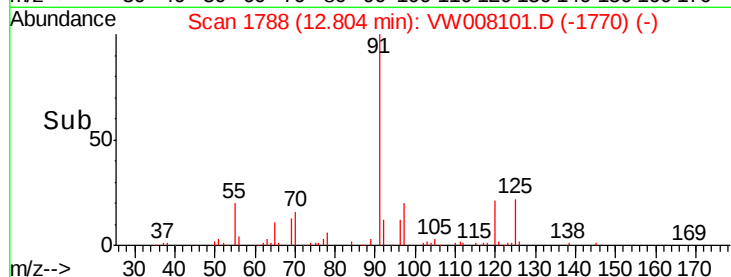
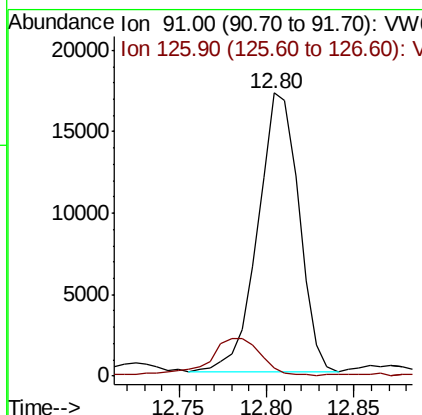
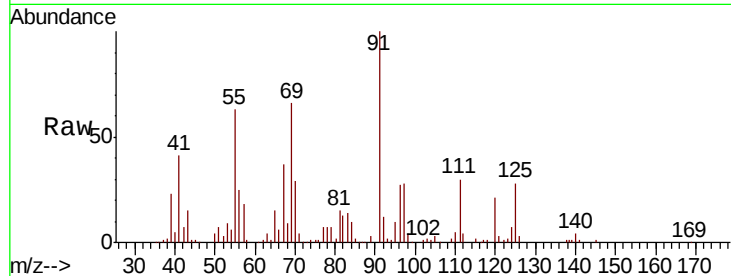




#82
4-Chlorotoluene
Concen: 8.009 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.19 min
Lab File: VW008101.D
Acq: 09 Jan 2019 14:24

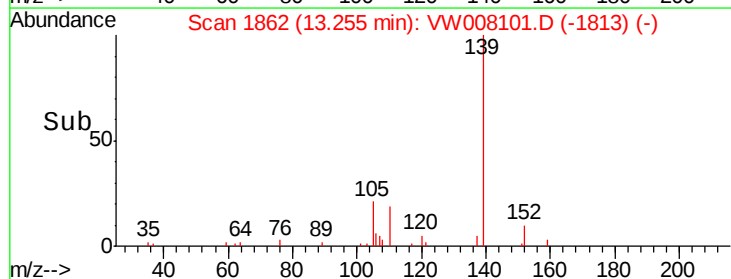
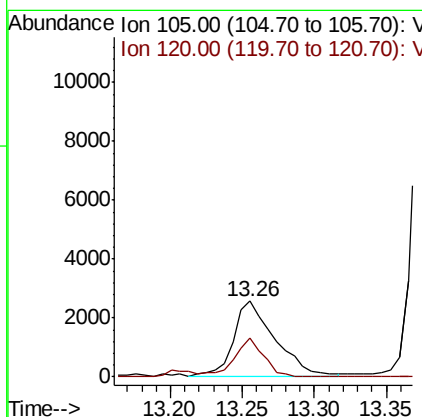
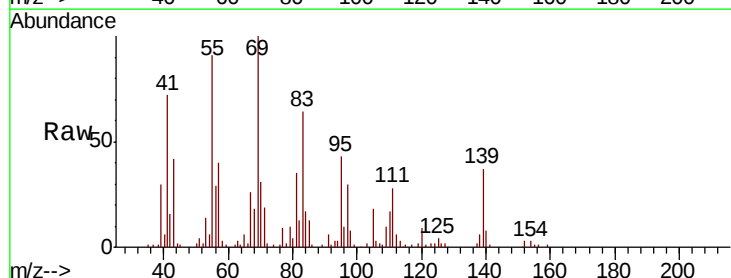
Instrument :
MSVOA_W
ClientSampleId :
CPSB-15(20-25)

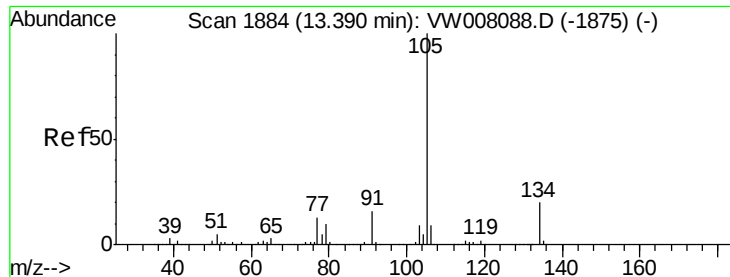
Tgt Ion: 91 Resp: 27925
Ion Ratio Lower Upper
91 100
126 18.1 16.5 49.5



#84
1,2,4-Trimethylbenzene
Concen: 1.282 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW008101.D
Acq: 09 Jan 2019 14:24

Tgt Ion: 105 Resp: 5263
Ion Ratio Lower Upper
105 100
120 33.5 22.7 68.1

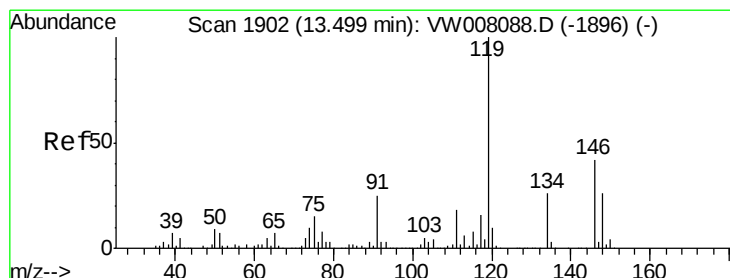
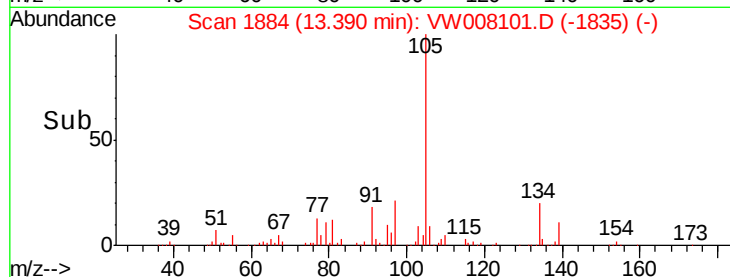
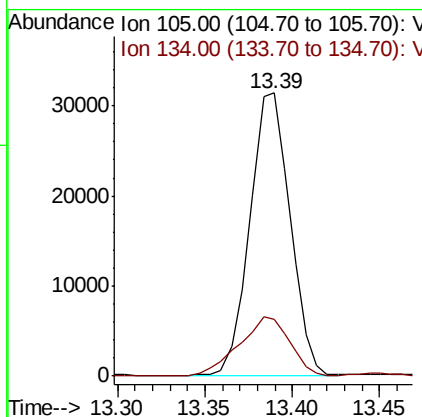
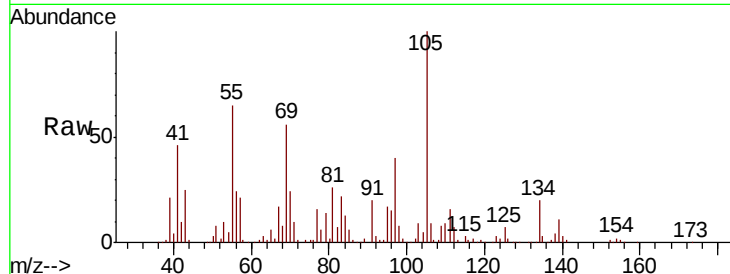




#85
 sec-Butylbenzene
 Concen: 9.707 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW008101.D
 Acq: 09 Jan 2019 14:24

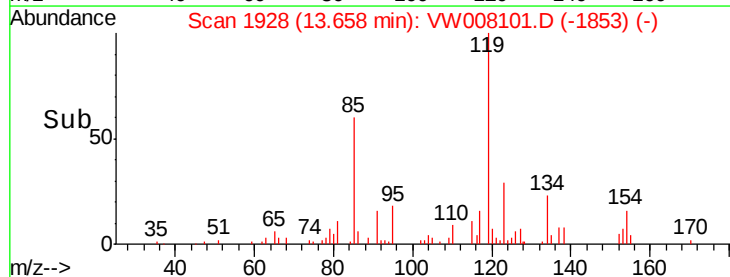
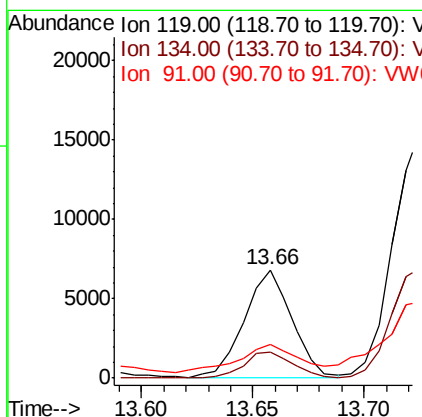
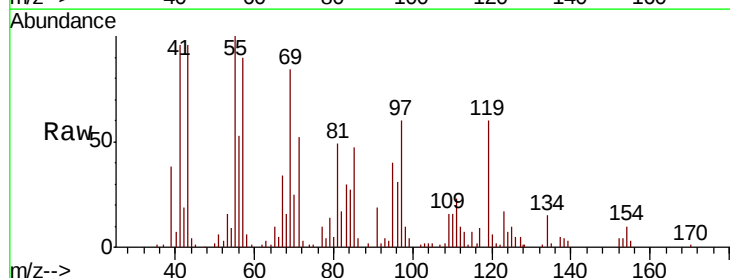
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-15(20-25)

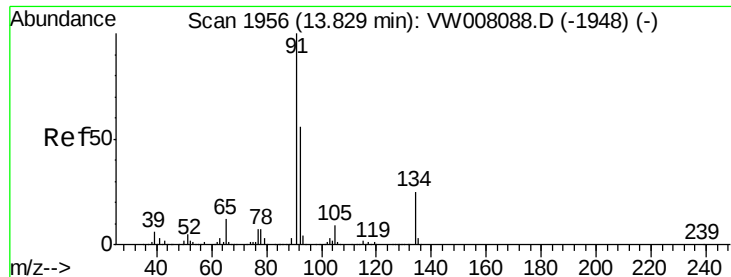
Tgt Ion:105 Resp: 50066
 Ion Ratio Lower Upper
 105 100
 134 26.5 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 2.305 ug/l
 RT: 13.66 min Scan# 1928
 Delta R.T. 0.16 min
 Lab File: VW008101.D
 Acq: 09 Jan 2019 14:24

Tgt Ion:119 Resp: 10266
 Ion Ratio Lower Upper
 119 100
 134 24.6 13.3 39.8
 91 31.4 12.3 36.9

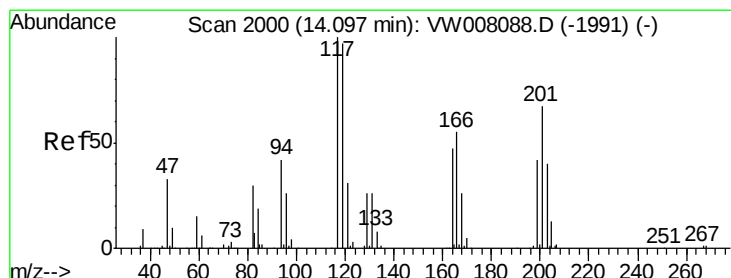
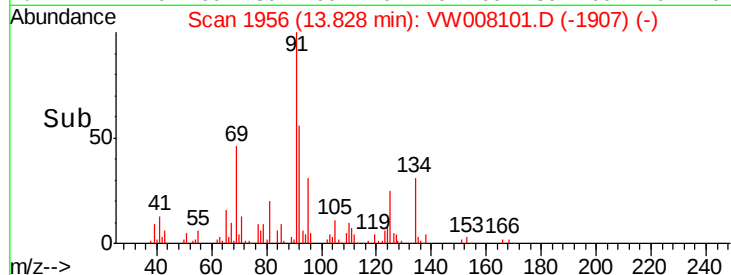
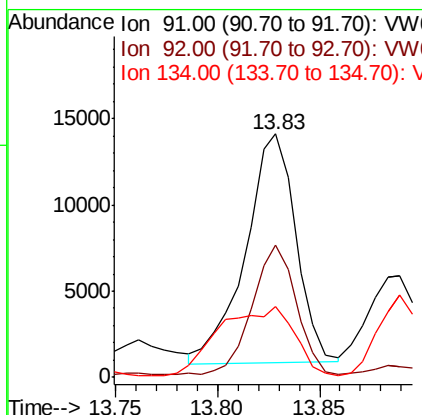
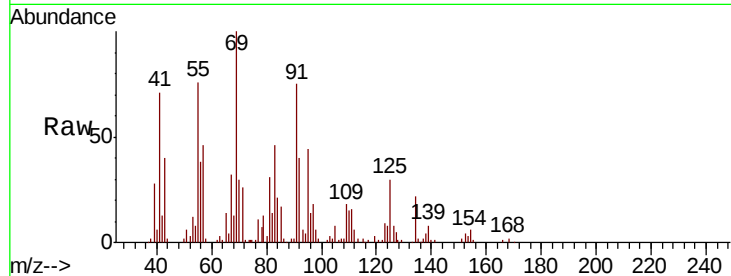




#89
n-Butylbenzene
Concen: 5.268 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW008101.D
Acq: 09 Jan 2019 14:24

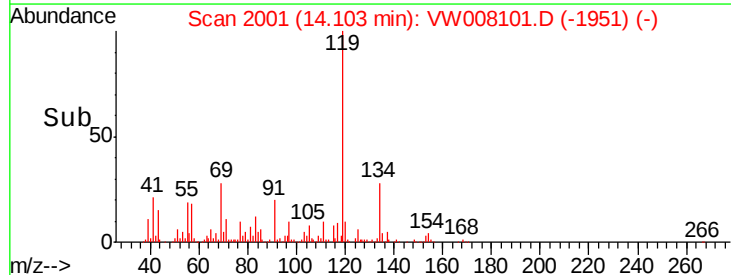
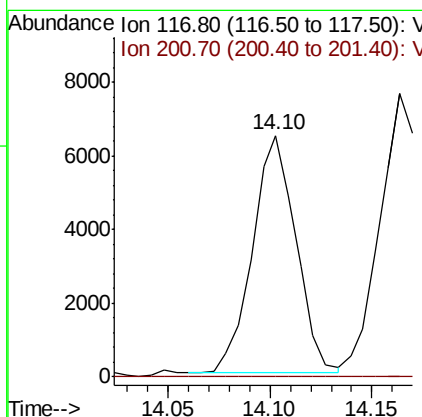
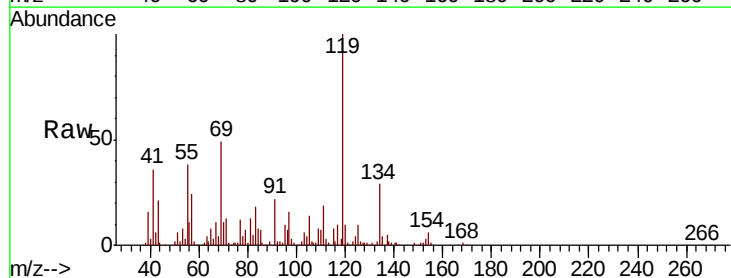
Instrument :
MSVOA_W
ClientSampleId :
CPSB-15(20-25)

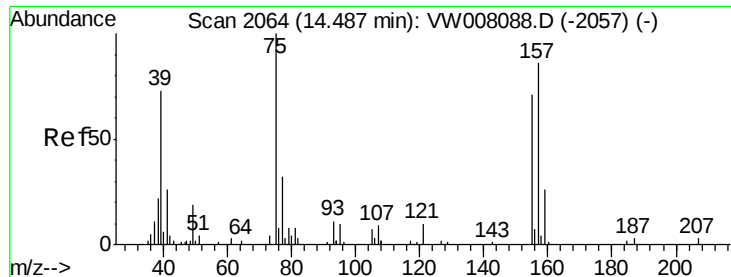
Tgt Ion: 91 Resp: 22980
Ion Ratio Lower Upper
91 100
92 50.6 27.4 82.2
134 46.2 12.6 37.8#



#90
Hexachloroethane
Concen: 12.699 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW008101.D
Acq: 09 Jan 2019 14:24

Tgt Ion: 117 Resp: 9553
Ion Ratio Lower Upper
117 100
201 0.0 33.0 98.9#





#92

1,2-Dibromo-3-Chloropropane

Concen: 3.856 ug/l

RT: 14.51 min Scan# 2067

Delta R.T. 0.02 min

Lab File: VW008101.D

Acq: 09 Jan 2019 14:24

Instrument :

MSVOA_W

ClientSampleId :

CPSB-15(20-25)

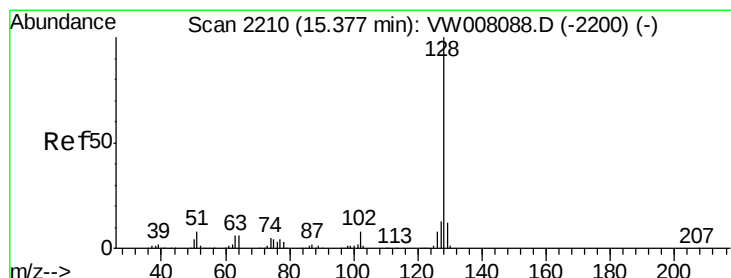
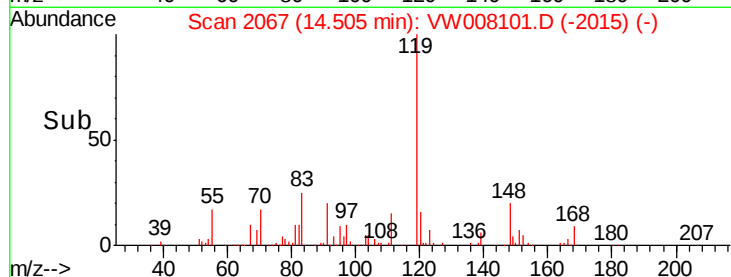
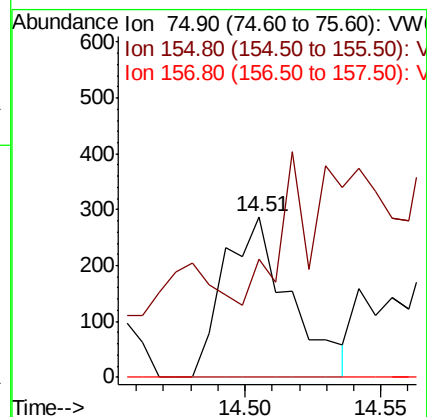
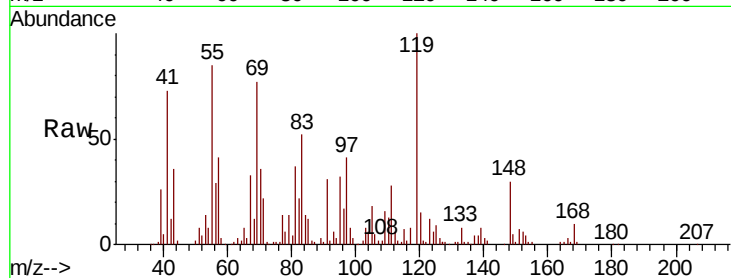
Tgt Ion: 75 Resp: 481

Ion Ratio Lower Upper

75 100

155 34.9 38.6 115.7#

157 0.0 47.5 142.6#



#95

Naphthalene

Concen: 1.068 ug/l

RT: 15.34 min Scan# 2204

Delta R.T. -0.04 min

Lab File: VW008101.D

Acq: 09 Jan 2019 14:24

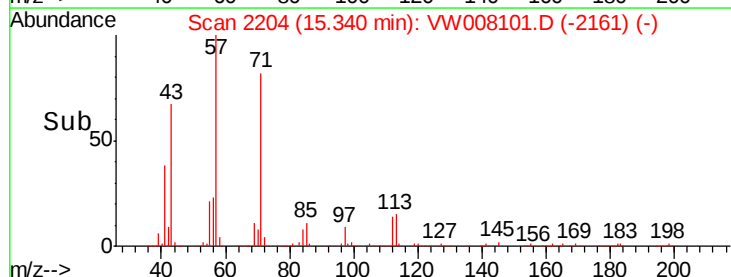
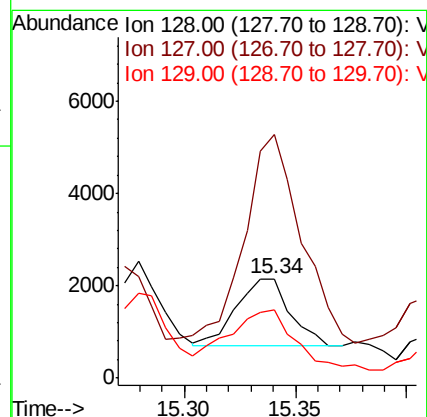
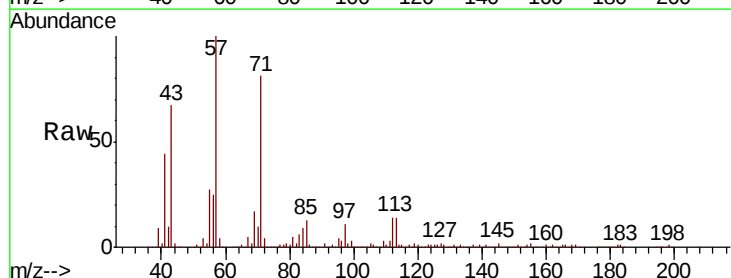
Tgt Ion: 128 Resp: 2415

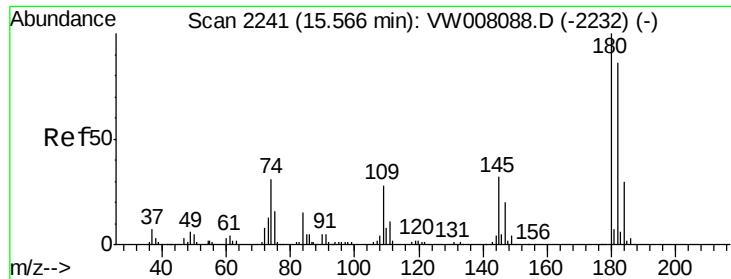
Ion Ratio Lower Upper

128 100

127 333.8 11.0 16.4#

129 116.5 9.0 13.6#

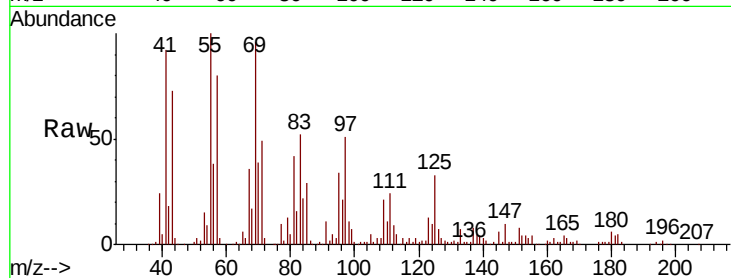




#96
 1,2,3-Trichlorobenzene
 Concen: 2.723 ug/l
 RT: 15.59 min Scan# 2245
 Delta R.T. 0.02 min
 Lab File: VW008101.D
 Acq: 09 Jan 2019 14:24

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-15(20-25)

Tgt Ion:180 Resp: 2812
 Ion Ratio Lower Upper
 180 100
 182 112.4 46.5 139.3
 145 0.0 17.4 52.2#



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

