

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010719\
 Data File : VW008078.D
 Acq On : 07 Jan 2019 19:01
 Operator : SY/AP
 Sample : K1071-07
 Misc : 5.10G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-1(10-15)

Quant Time: Jan 08 03:47:08 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	51978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	86459	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	58159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	17357	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	30123	52.40	ug/l	0.00
Spiked Amount			Recovery	=	104.80%	
35) Dibromofluoromethane	7.88	113	25253	46.33	ug/l	0.00
Spiked Amount			Recovery	=	92.66%	
50) Toluene-d8	10.32	98	93172	45.57	ug/l	0.00
Spiked Amount			Recovery	=	91.14%	
62) 4-Bromofluorobenzene	12.62	95	26965	34.39	ug/l	0.00
Spiked Amount			Recovery	=	68.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	318	8.514	ug/l #	71
16) Acetone	4.12	43	6894	77.466	ug/l	93
17) Carbon Disulfide	4.36	76	2043	1.282	ug/l #	76
20) Methylene Chloride	4.92	84	1989	1.310	ug/l #	86
25) 2-Butanone	7.16	43	2144	20.448	ug/l	98
31) Cyclohexane	7.95	56	1859	2.115	ug/l #	54
36) 1,1-Dichloropropene	7.95	75	3959	4.642	ug/l #	50
37) Ethyl Acetate	7.16	43	2144	8.369	ug/l #	74
38) Carbon Tetrachloride	7.95	117	5895	5.767	ug/l #	14
39) Methylcyclohexane	9.33	83	4721	4.441	ug/l #	82
48) Methyl methacrylate	9.47	41	398	1.542	ug/l #	40
51) 4-Methyl-2-Pentanone	10.20	43	267	1.127	ug/l #	35
55) 1,1,2-Trichloroethane	10.77	97	2953	7.660	ug/l #	28
56) Ethyl methacrylate	10.66	69	1021	2.343	ug/l #	5
59) 2-Hexanone	10.94	43	2192	13.400	ug/l #	25
65) Chlorobenzene	11.66	112	5932	4.772	ug/l	90
69) o-Xylene	12.18	106	834	1.051	ug/l	71
73) Isopropylbenzene	12.47	105	2234	1.619	ug/l	89
74) N-amyl acetate	12.26	43	8526	39.685	ug/l #	41
75) 1,1,2,2-Tetrachloroethane	12.70	83	2937	16.724	ug/l #	85
76) 1,2,3-Trichloropropane	12.62	75	13531	97.992	ug/l #	1
77) Bromobenzene	12.59	156	1165	3.927	ug/l #	2
78) n-propylbenzene	12.80	91	2836	1.772	ug/l	96
79) 2-Chlorotoluene	12.89	91	1138	1.230	ug/l	88
81) trans-1,4-Dichloro-2-buten	12.62	75	13531	231.734	ug/l #	11
82) 4-Chlorotoluene	12.89	91	1138	1.157	ug/l	89
83) tert-Butylbenzene	13.20	119	2651	2.550	ug/l	91
84) 1,2,4-Trimethylbenzene	13.11	105	1854	1.541	ug/l	73
85) sec-Butylbenzene	13.39	105	4202	2.939	ug/l #	57
89) n-Butylbenzene	13.83	91	2091	1.773	ug/l #	76
90) Hexachloroethane	14.10	117	1663	7.431	ug/l #	12
91) 1,2-Dichlorobenzene	13.87	146	2928	5.567	ug/l #	69
92) 1,2-Dibromo-3-Chloropropan	14.54	75	271	7.603	ug/l #	43
93) 1,2,4-Trichlorobenzene	15.15	180	411	1.113	ug/l #	1

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Response via : Initial Calibration

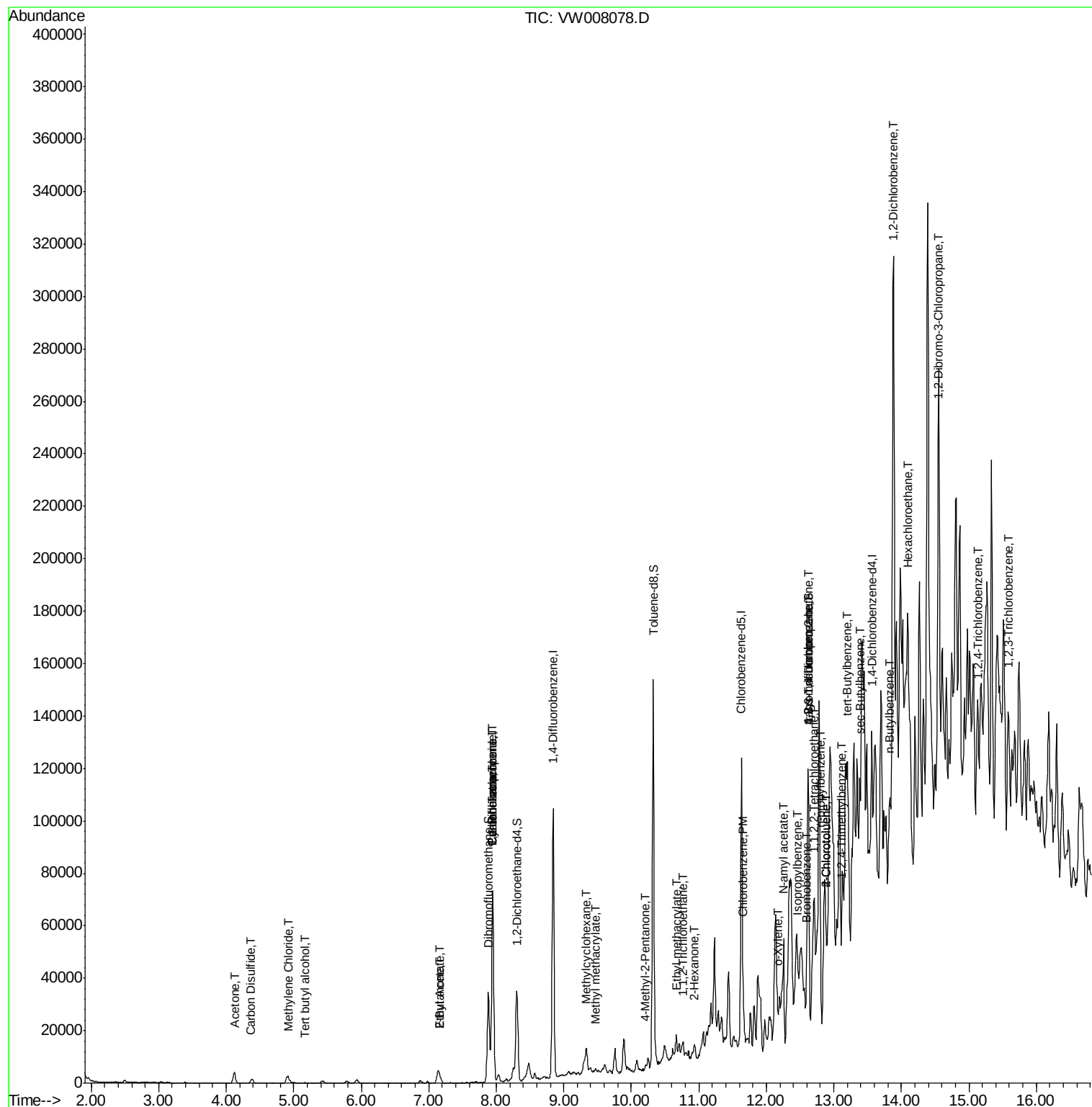
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.58	180	1334	4.389	ug/l #	12

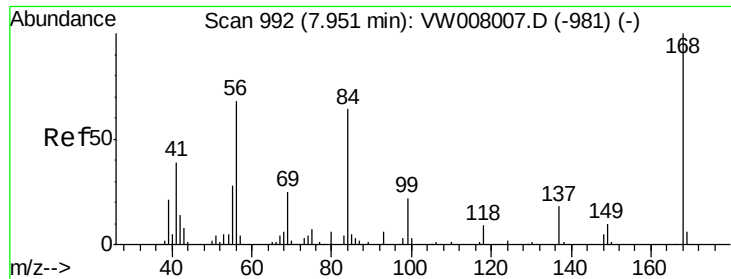
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008078.D

Acq: 07 Jan 2019 19:01

Instrument :

MSVOA_W

ClientSampleId :

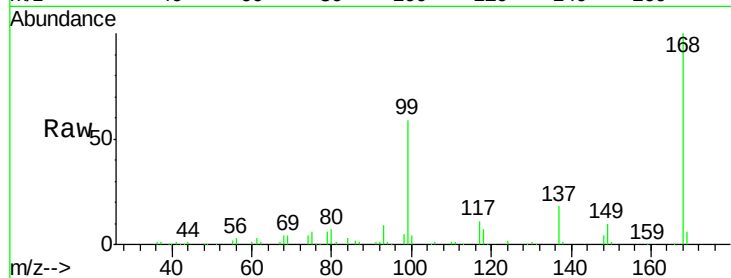
CPSB-1(10-15)

Tot Ion:168 Resp: 51978

Ion Ratio Lower Upper

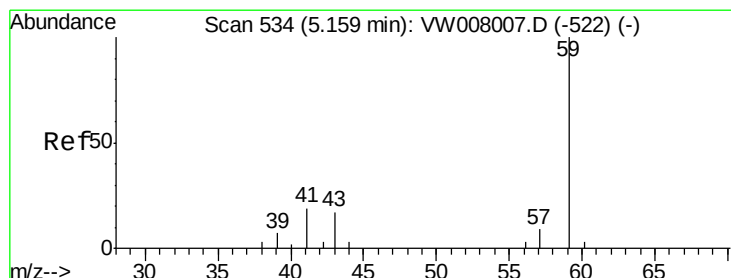
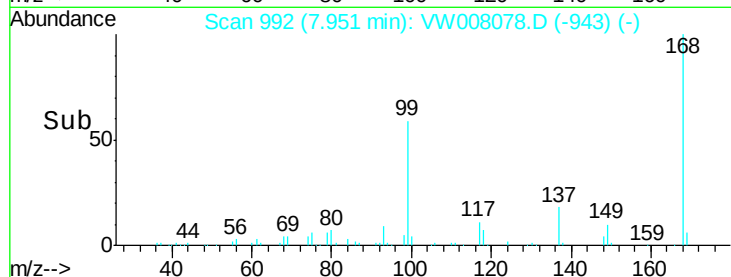
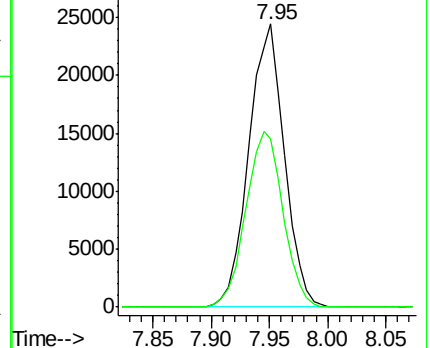
168 100

99 59.4 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: 8.514 ug/l

RT: 5.17 min Scan# 535

Delta R.T. 0.01 min

Lab File: VW008078.D

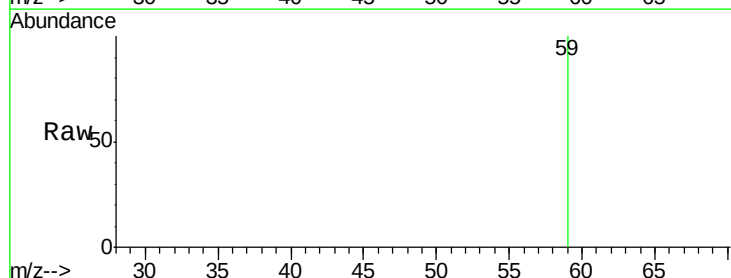
Acq: 07 Jan 2019 19:01

Tgt Ion: 59 Resp: 318

Ion Ratio Lower Upper

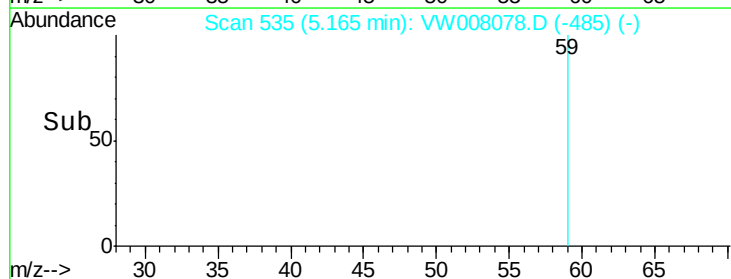
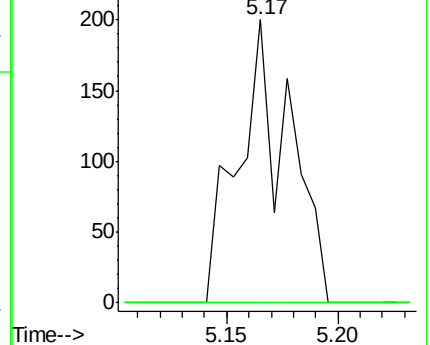
59 100

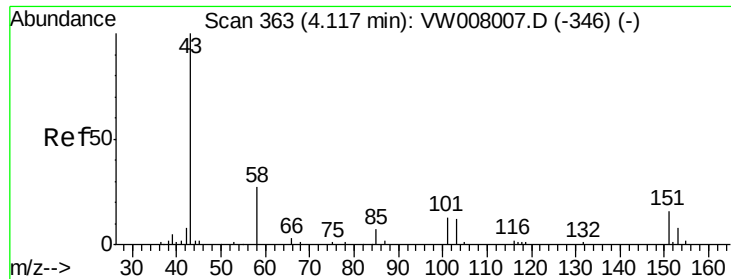
57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 77.466 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008078.D

Acq: 07 Jan 2019 19:01

Instrument :

MSVOA_W

ClientSampleId :

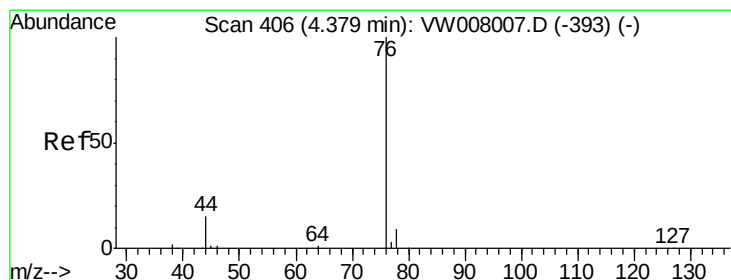
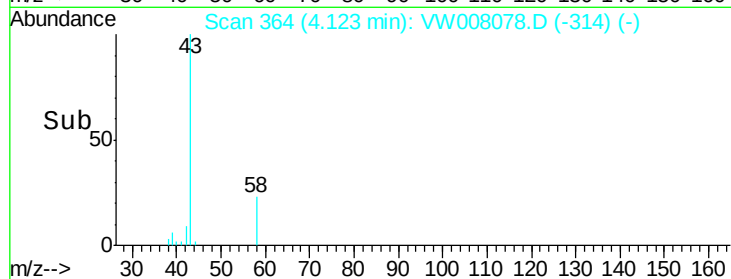
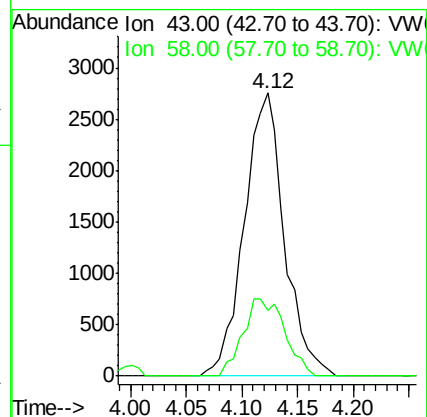
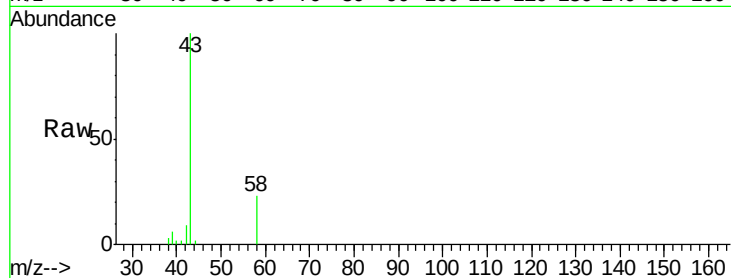
CPSB-1(10-15)

Tot Ion: 43 Resp: 6894

Ion Ratio Lower Upper

43 100

58 23.5 21.7 32.5



#17

Carbon Disulfide

Concen: 1.282 ug/l

RT: 4.36 min Scan# 403

Delta R.T. -0.02 min

Lab File: VW008078.D

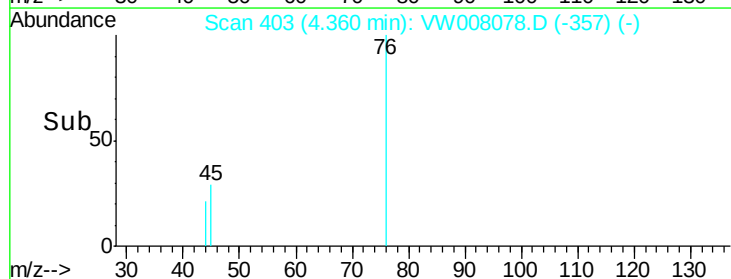
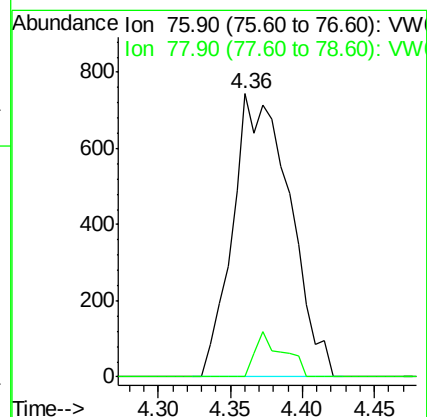
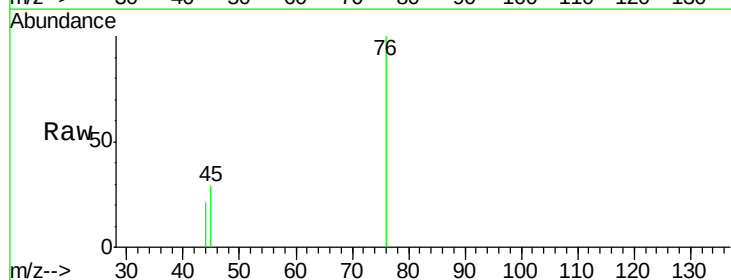
Acq: 07 Jan 2019 19:01

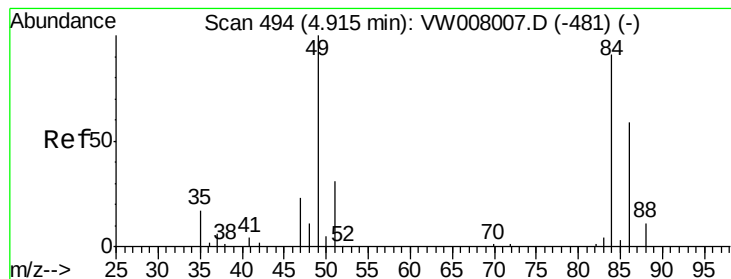
Tgt Ion: 76 Resp: 2043

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.4#





#20

Methylene Chloride

Concen: 1.310 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW008078.D

Acq: 07 Jan 2019 19:01

Instrument :

MSVOA_W

ClientSampled :

CPSB-1(10-15)

Tot Ion: 84 Resp: 1989

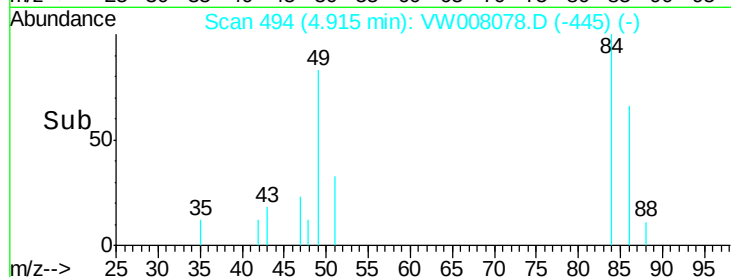
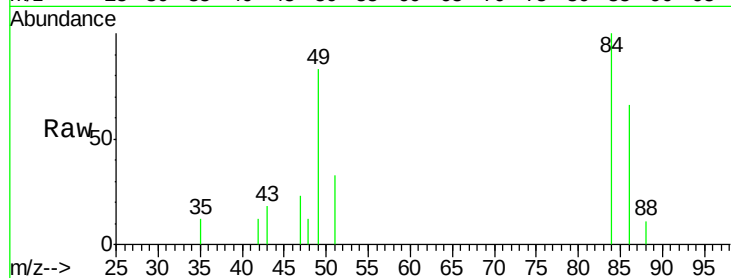
Ion Ratio Lower Upper

84 100

49 83.3 87.7 131.5#

51 32.6 27.3 40.9

86 66.1 51.4 77.0

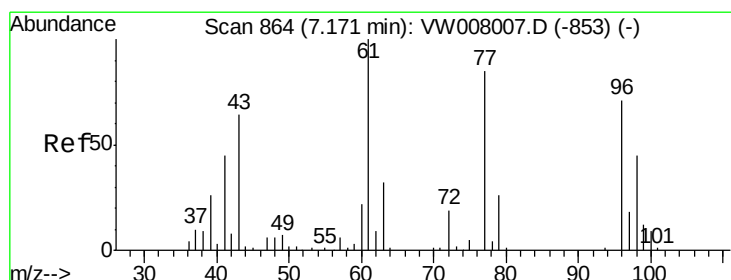
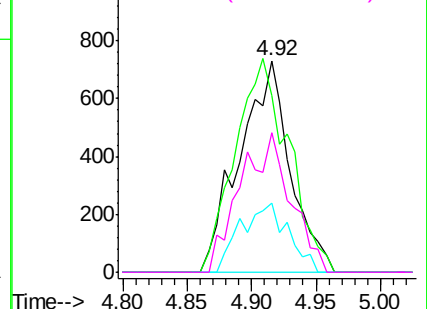


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#25

2-Butanone

Concen: 20.448 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW008078.D

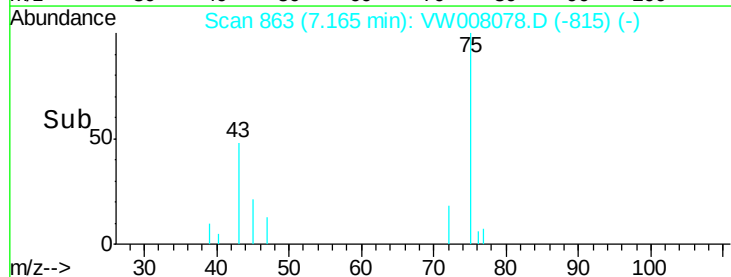
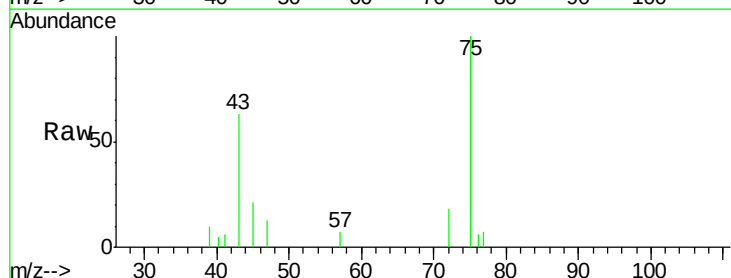
Acq: 07 Jan 2019 19:01

Tgt Ion: 43 Resp: 2144

Ion Ratio Lower Upper

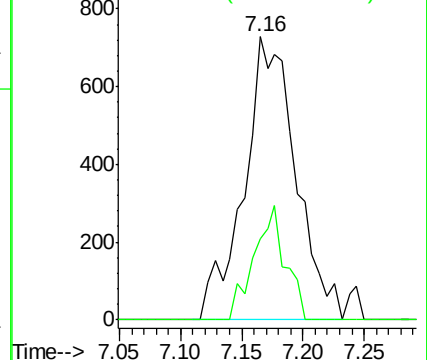
43 100

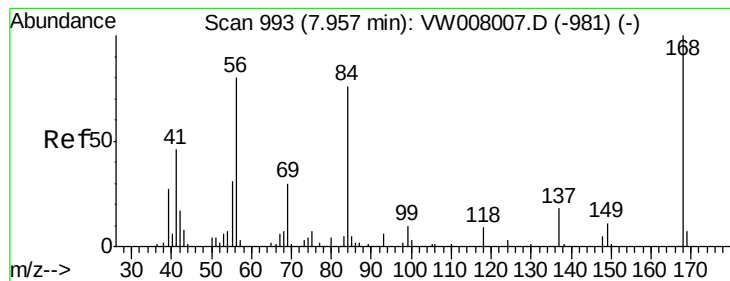
72 28.8 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#31

Cyclohexane

Concen: 2.115 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW008078.D

Acq: 07 Jan 2019 19:01

Instrument :

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ClientSampleId :

CPSB-1(10-15)

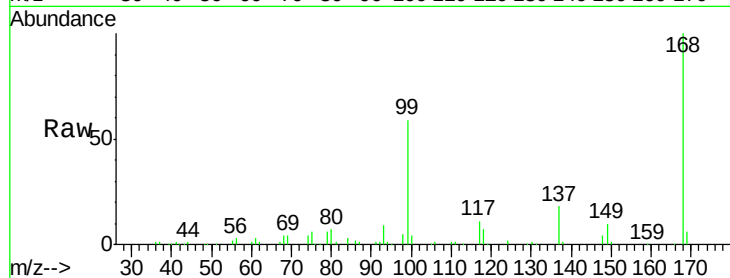
Tot Ion: 56 Resp: 1859

Ion Ratio Lower Upper

56 100

69 120.9 29.8 44.6#

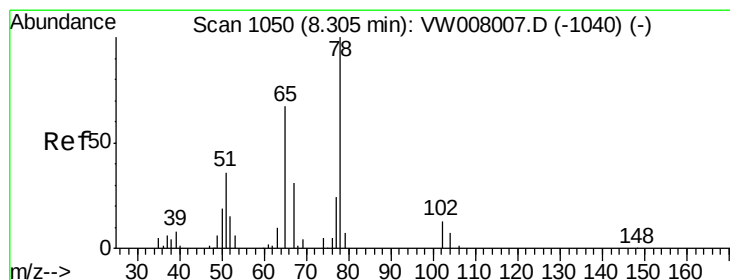
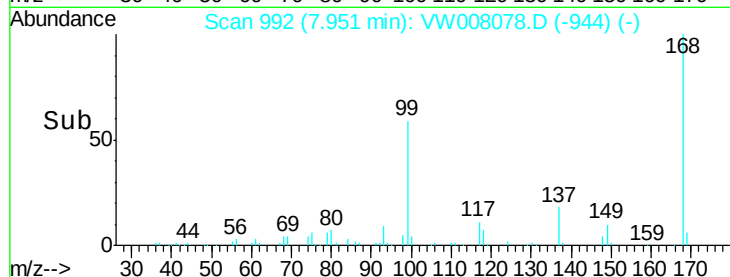
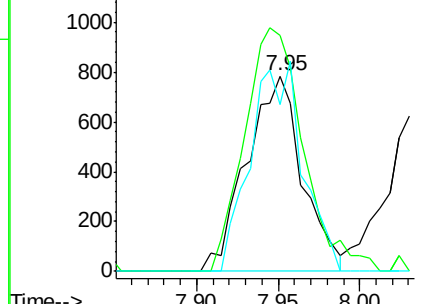
84 85.6 75.2 112.8



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 52.396 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008078.D

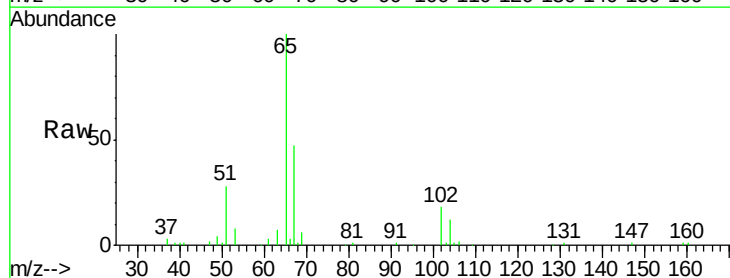
Acq: 07 Jan 2019 19:01

Tgt Ion: 65 Resp: 30123

Ion Ratio Lower Upper

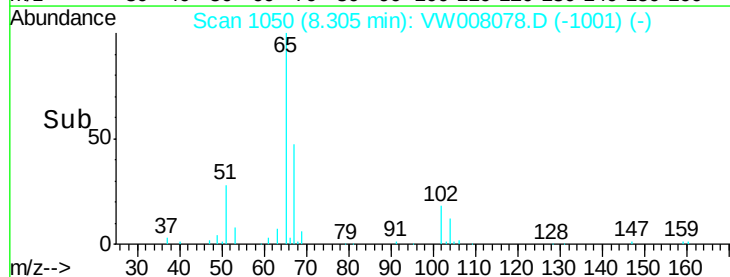
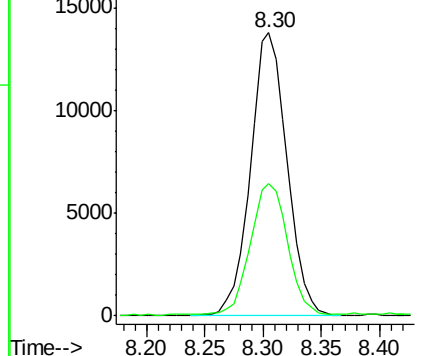
65 100

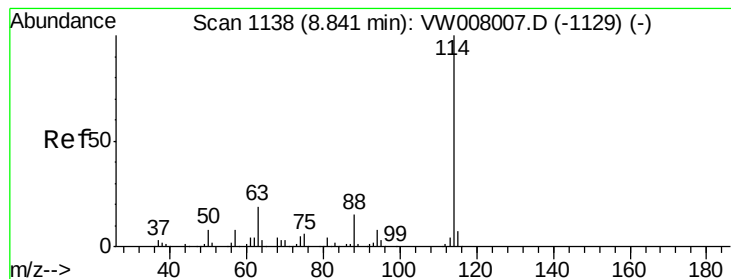
67 46.9 0.0 94.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW008078.D

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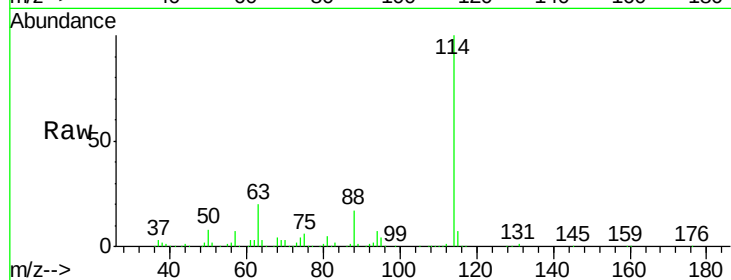
Tot Ion:114 Resp: 86459

Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.8

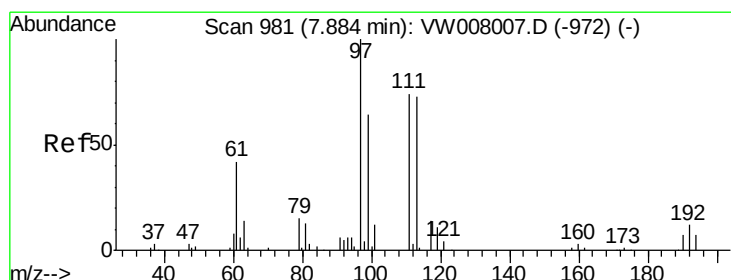
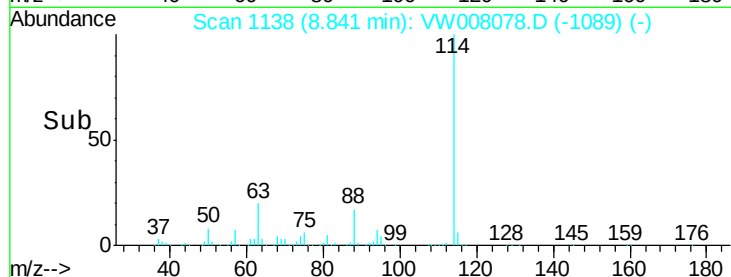
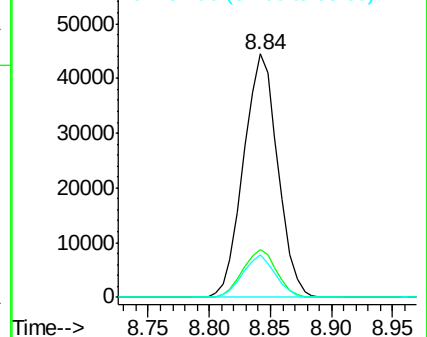
88 17.3 0.0 31.0



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: 46.332 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008078.D

Acq: 07 Jan 2019 19:01

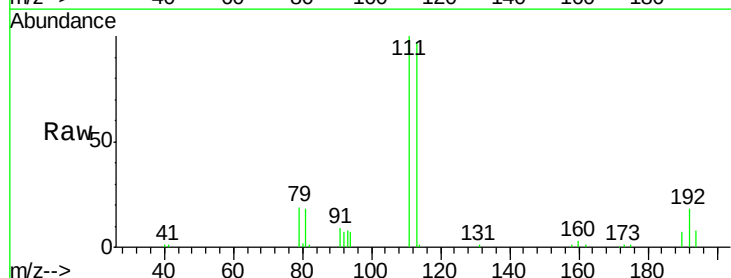
Tgt Ion:113 Resp: 25253

Ion Ratio Lower Upper

113 100

111 104.0 81.4 122.0

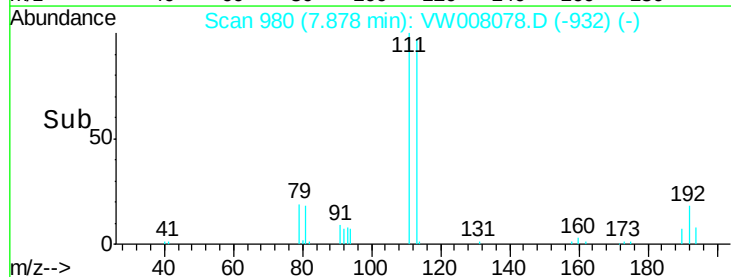
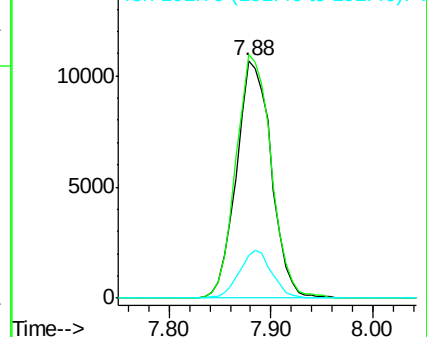
192 18.7 14.8 22.2

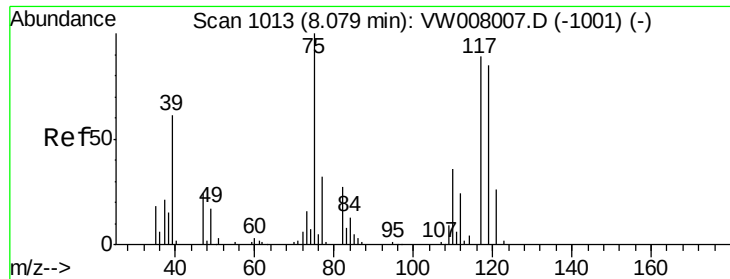


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

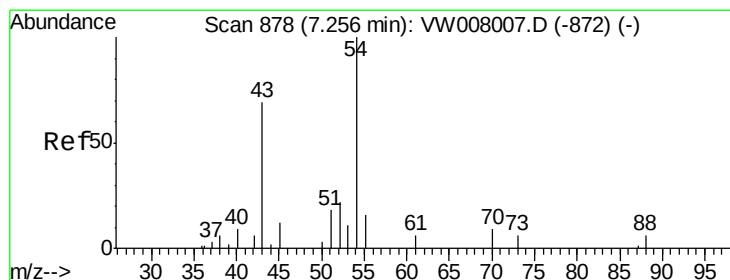
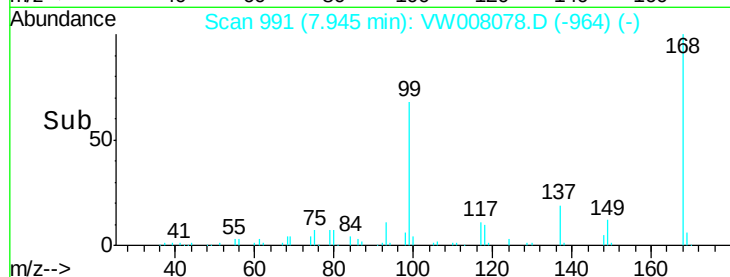
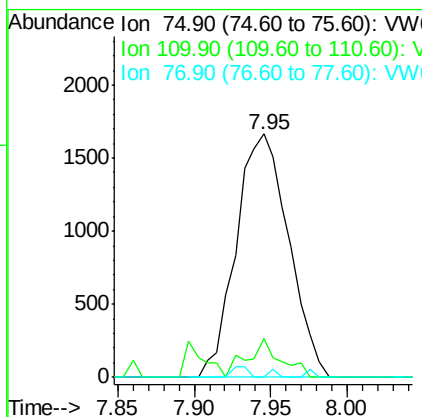
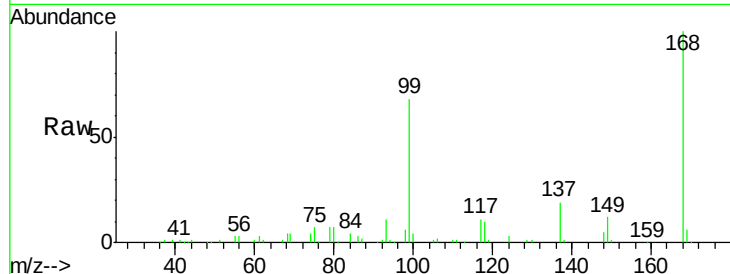




#36
 1,1-Dichloropropene
 Concen: 4.642 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008078.D
 Acq: 07 Jan 2019 19:01

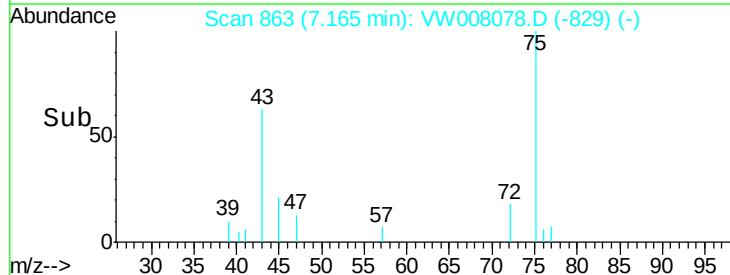
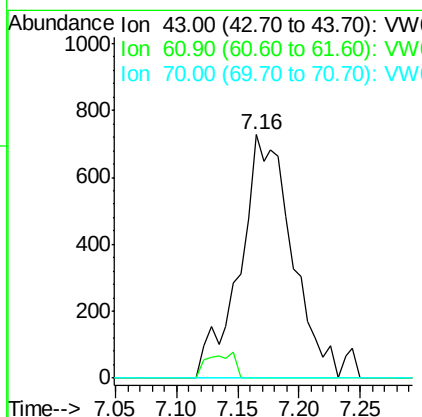
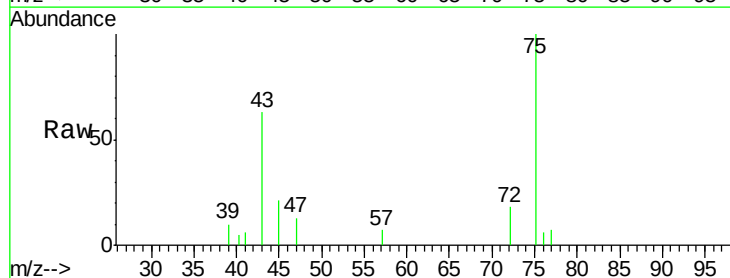
Instrument :
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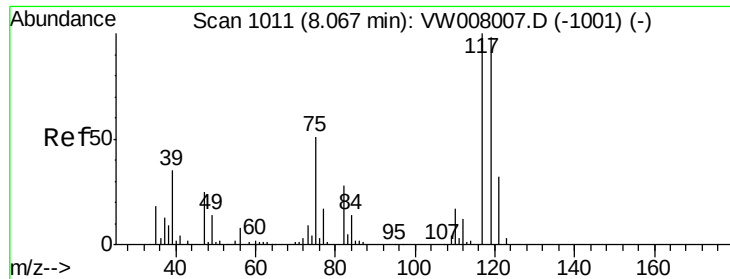
Tot Ion: 75 Resp: 3959
 Ion Ratio Lower Upper
 75 100
 110 10.1 18.1 54.3#
 77 0.6 25.3 37.9#



#37
 Ethyl Acetate
 Concen: 8.369 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.09 min
 Lab File: VW008078.D
 Acq: 07 Jan 2019 19:01

Tgt Ion: 43 Resp: 2144
 Ion Ratio Lower Upper
 43 100
 61 5.5 11.4 17.2#
 70 0.0 9.4 14.0#

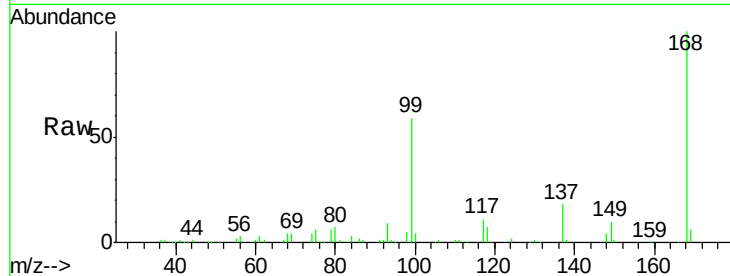




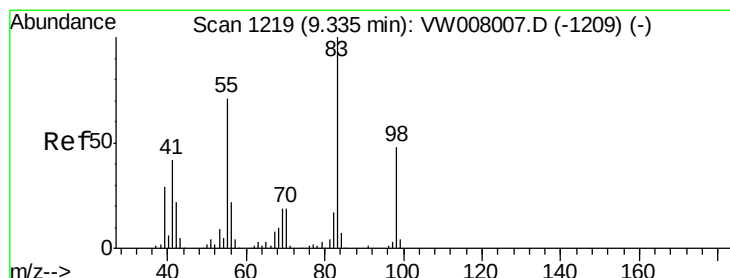
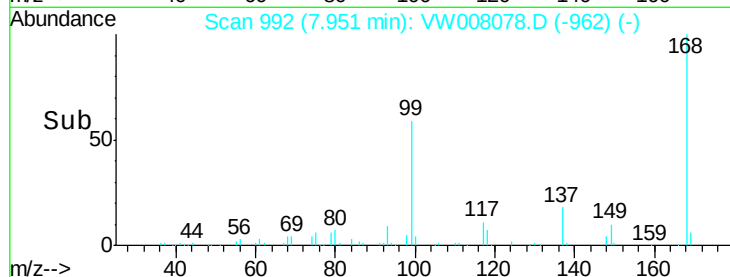
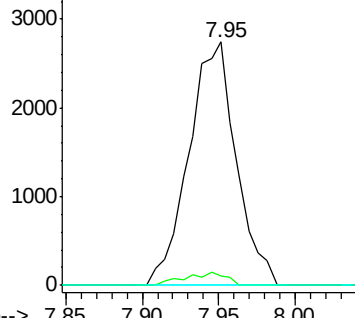
#38
Carbon Tetrachloride
Concen: 5.767 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW008078.D
Acq: 07 Jan 2019 19:01

Instrument :
MSVOA_W
ClientSampleId :
CPSB-1(10-15)

Tot Ion:117 Resp: 5895
Ion Ratio Lower Upper
117 100
119 3.9 78.7 118.1#
121 0.0 25.8 38.8#

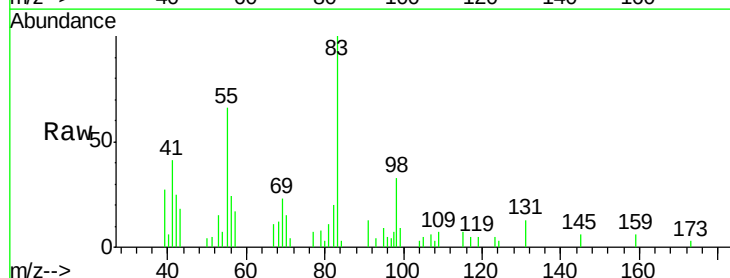


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

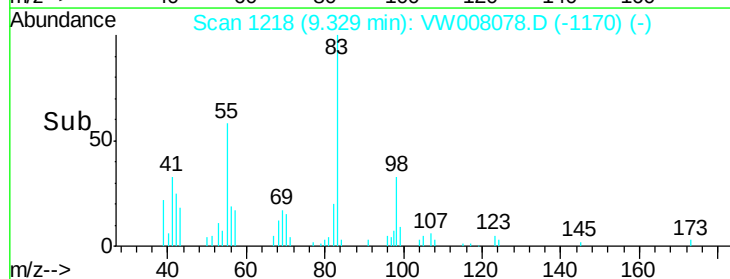
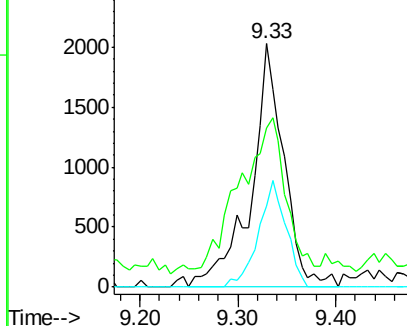


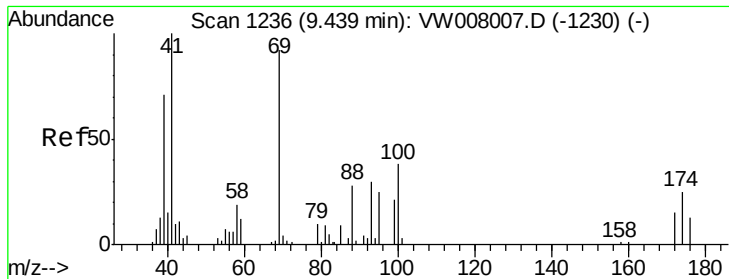
#39
Methylcyclohexane
Concen: 4.441 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW008078.D
Acq: 07 Jan 2019 19:01

Tgt Ion: 83 Resp: 4721
Ion Ratio Lower Upper
83 100
55 58.2 56.8 85.2
98 33.1 38.6 58.0#



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

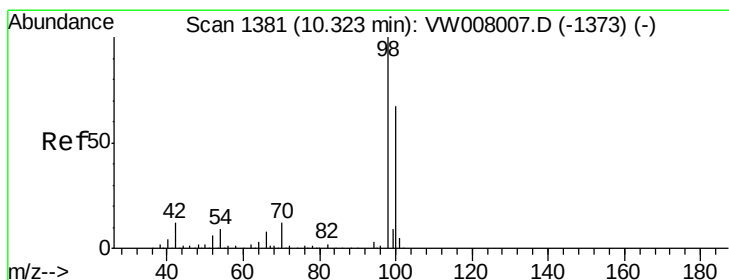
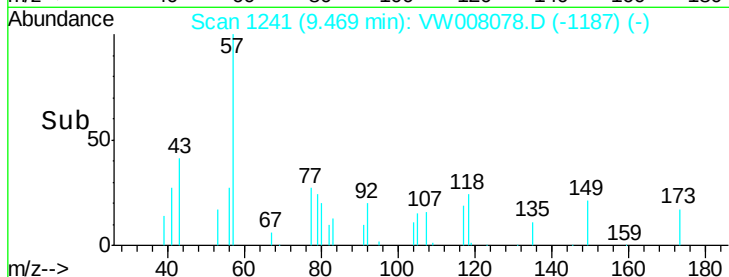
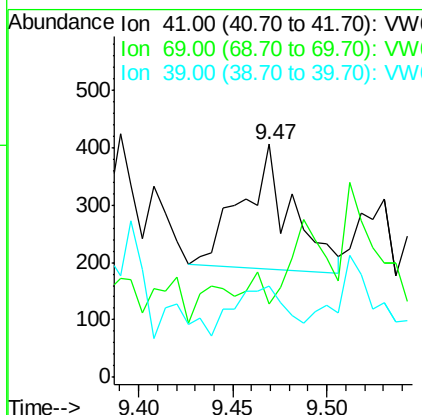
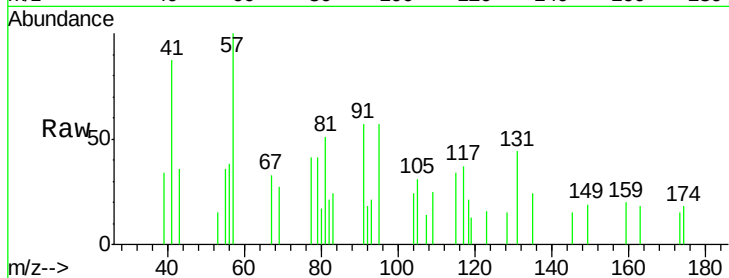




#48
Methvl methacrylate
Concen: 1.542 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.03 min
Lab File: VW008078.D
Acq: 07 Jan 2019 19:01

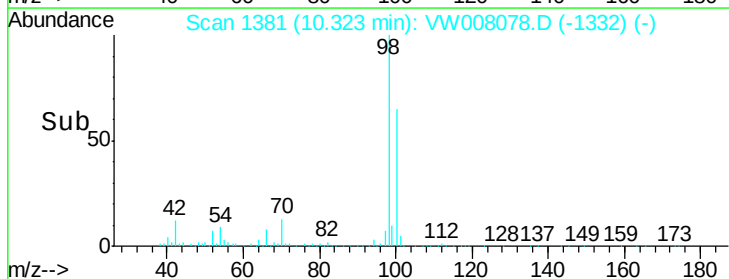
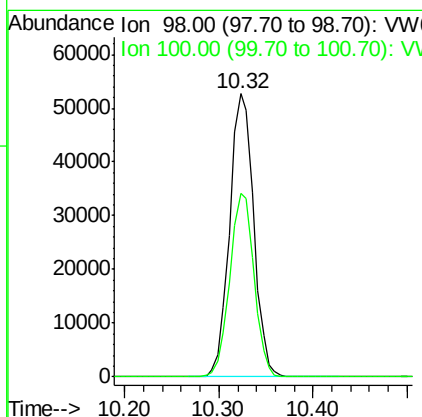
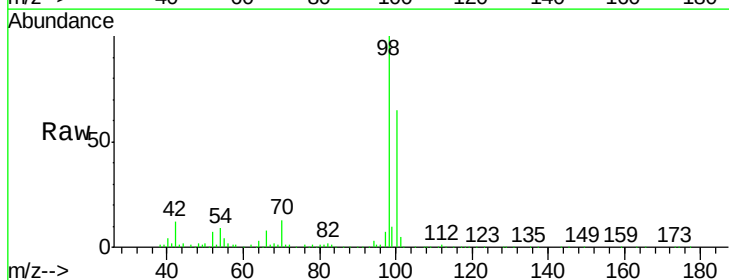
Instrument :
MSVOA_W
ClientSampled :
CPSB-1(10-15)

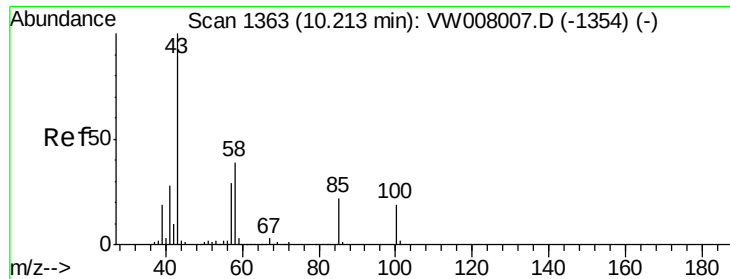
Tot Ion: 41 Resp: 398
Ion Ratio Lower Upper
41 100
69 16.1 72.3 108.5#
39 42.5 58.7 88.1#



#50
Toluene-d8
Concen: 45.570 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008078.D
Acq: 07 Jan 2019 19:01

Tgt Ion: 98 Resp: 93172
Ion Ratio Lower Upper
98 100
100 65.4 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 1.127 ug/l

RT: 10.20 min Scan# 1361

Delta R.T. -0.01 min

Lab File: VW008078.D

Acq: 07 Jan 2019 19:01

Instrument :

MSVOA_W

ClientSampled :

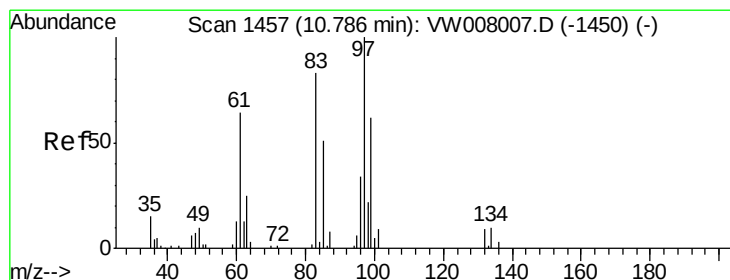
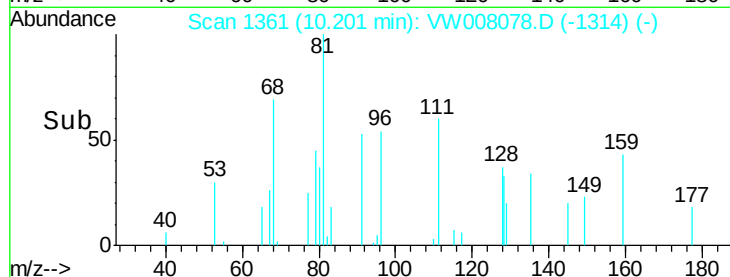
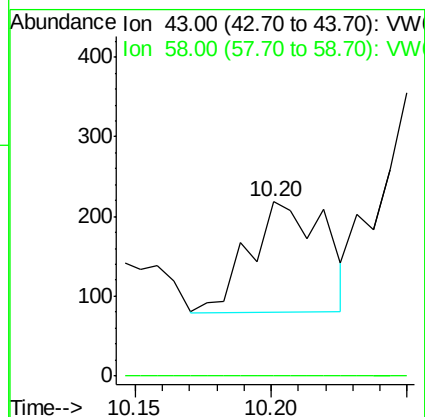
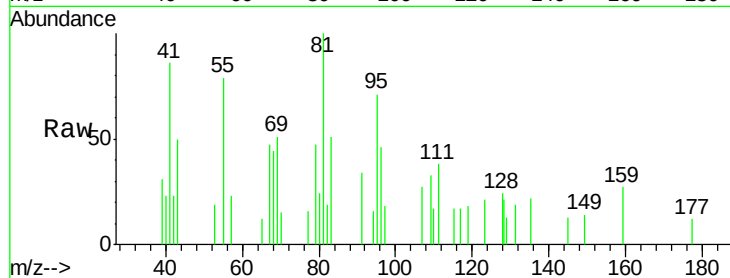
CPSB-1(10-15)

Tot Ion: 43 Resp: 267

Ion Ratio Lower Upper

43 100

58 0.0 32.0 48.0#



#55

1,1,2-Trichloroethane

Concen: 7.660 ug/l

RT: 10.77 min Scan# 1454

Delta R.T. -0.02 min

Lab File: VW008078.D

Acq: 07 Jan 2019 19:01

Tgt Ion: 97 Resp: 2953

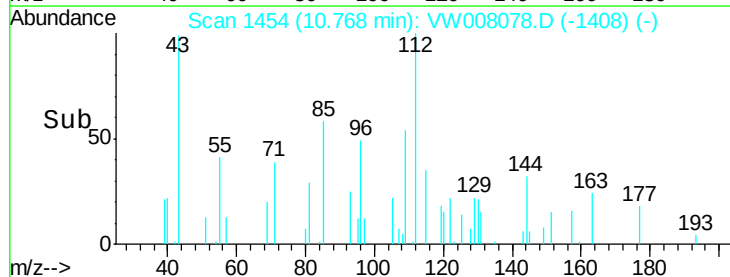
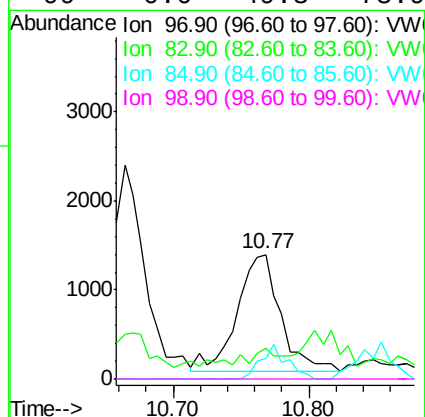
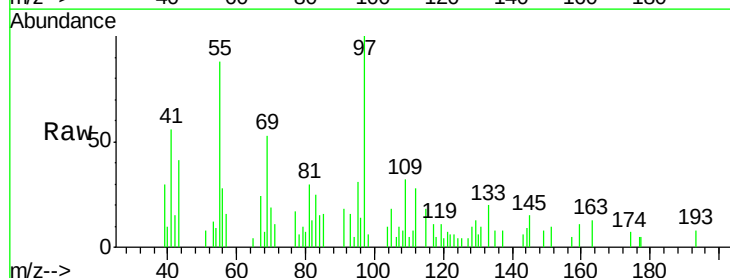
Ion Ratio Lower Upper

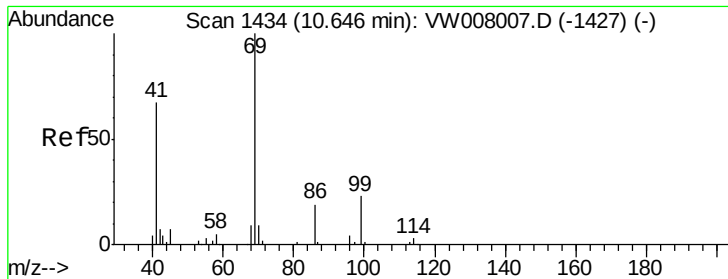
97 100

83 11.1 66.2 99.2#

85 17.2 41.0 61.4#

99 0.0 49.3 73.9#





#56

Ethyl methacrylate

Concen: 2.343 ug/l

RT: 10.66 min Scan# 1437

Delta R.T. 0.02 min

Lab File: VW008078.D

Acq: 07 Jan 2019 19:01

Instrument :

MSVOA_W

ClientSampled :

CPSB-1(10-15)

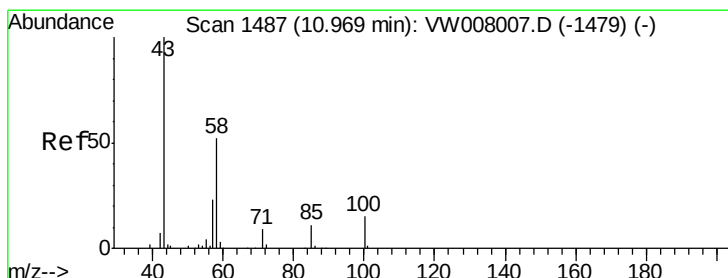
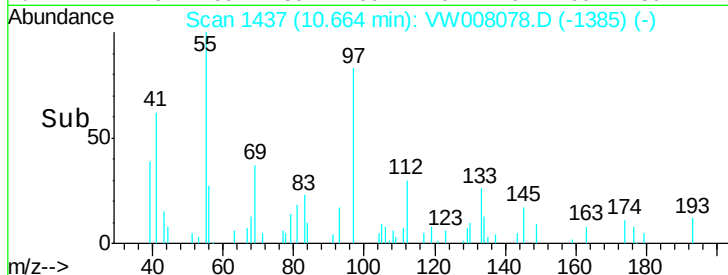
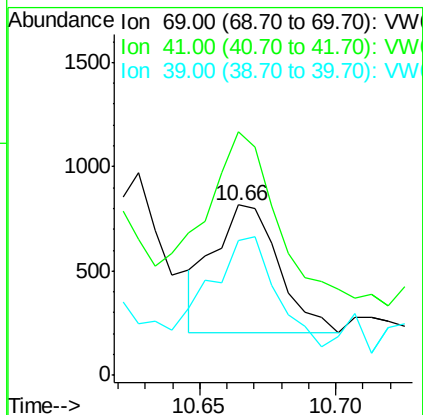
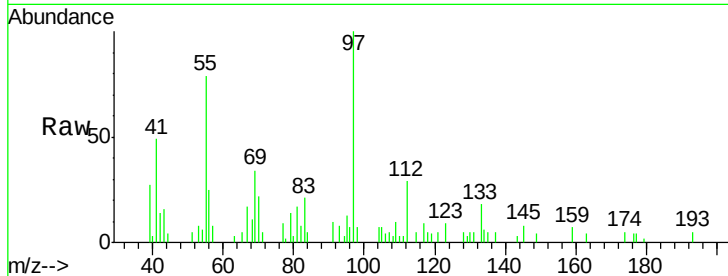
Tot Ion: 69 Resp: 1021

Ion Ratio Lower Upper

69 100

41 158.1 52.6 79.0#

39 86.0 35.8 53.6#



#59

2-Hexanone

Concen: 13.400 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.03 min

Lab File: VW008078.D

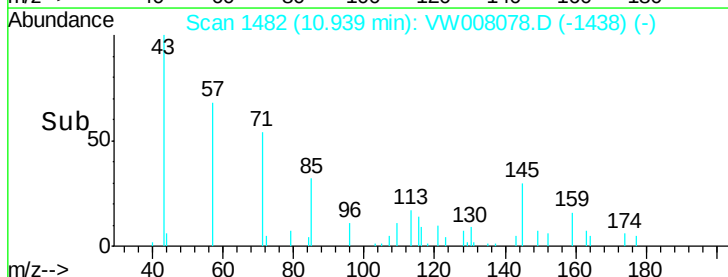
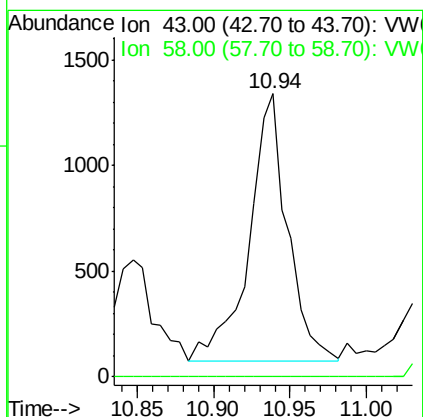
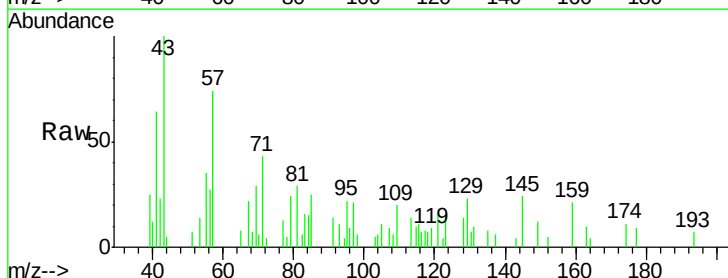
Acq: 07 Jan 2019 19:01

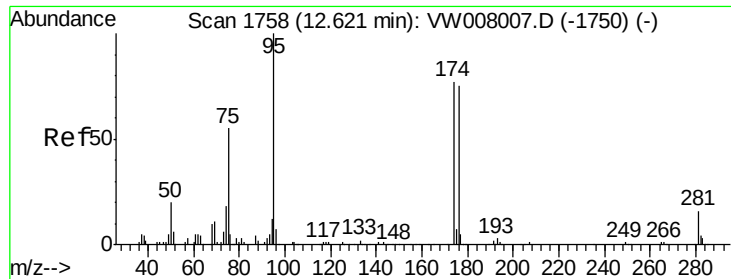
Tgt Ion: 43 Resp: 2192

Ion Ratio Lower Upper

43 100

58 0.0 27.1 81.2#





#62

4-Bromofluorobenzene

Concen: 34.389 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008078.D

Acq: 07 Jan 2019 19:01

Instrument :

MSVOA_W

ClientSampleId :

CPSB-1(10-15)

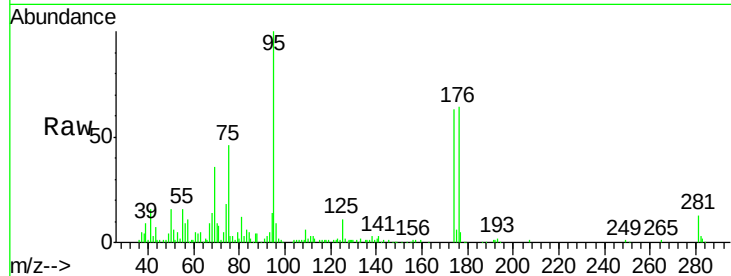
Tot Ion: 95 Resp: 26965

Ion Ratio Lower Upper

95 100

174 67.2 0.0 149.6

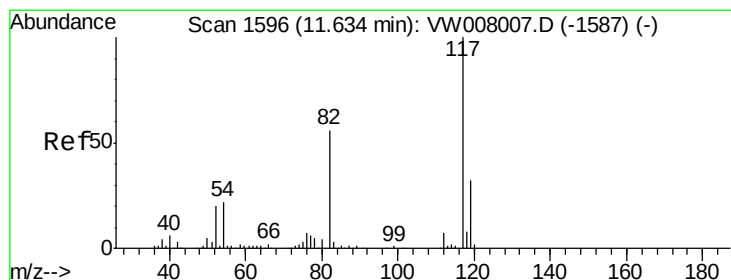
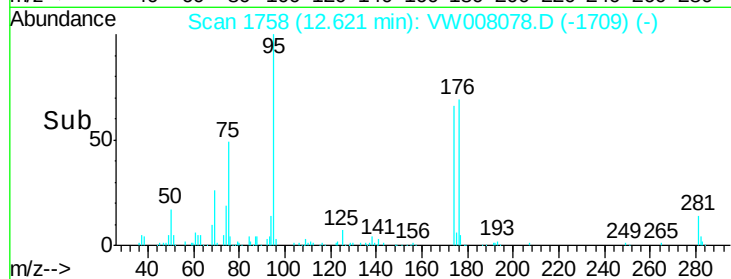
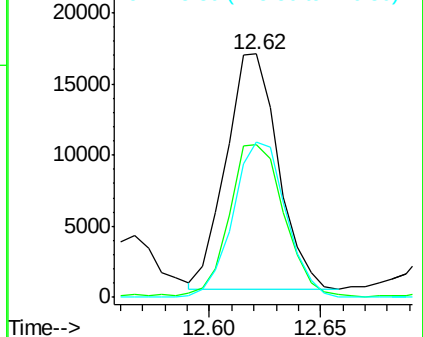
176 67.4 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW008078.D

Acq: 07 Jan 2019 19:01

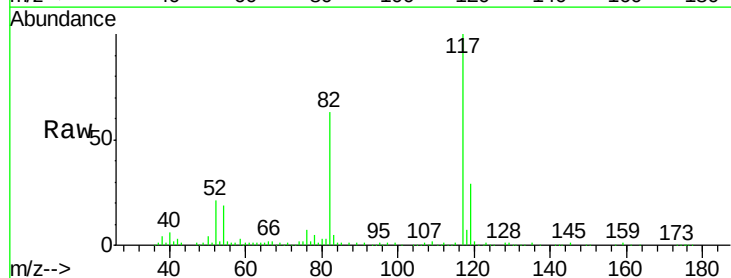
Tgt Ion: 117 Resp: 58159

Ion Ratio Lower Upper

117 100

82 62.7 44.8 67.2

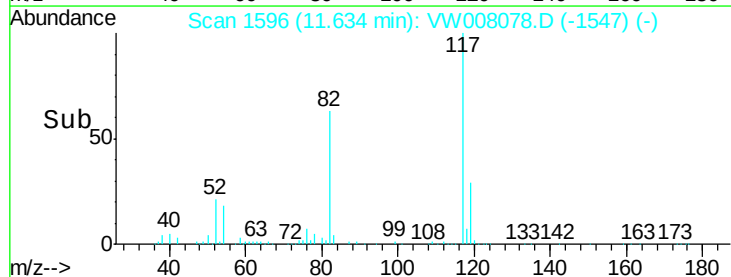
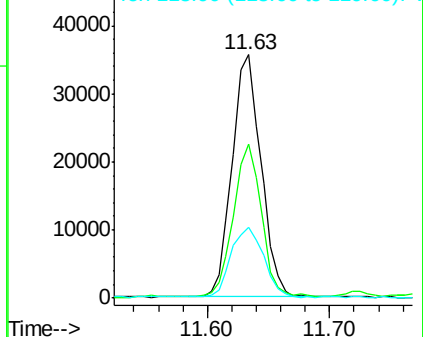
119 28.6 25.6 38.4

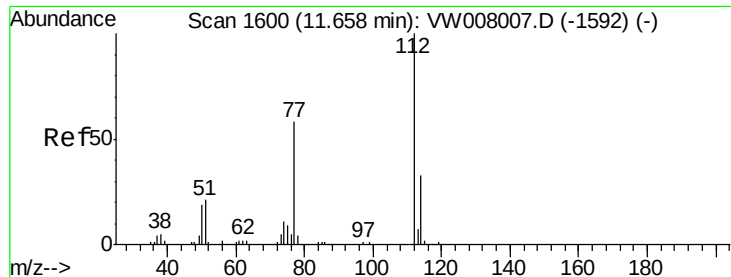


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

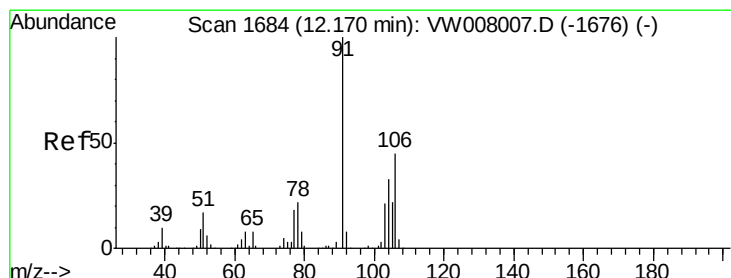
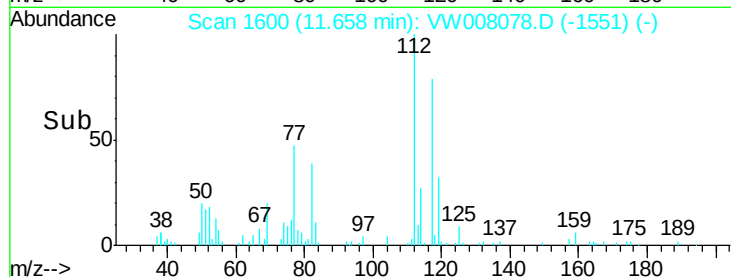
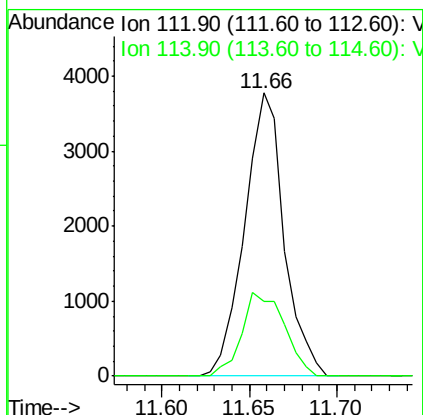
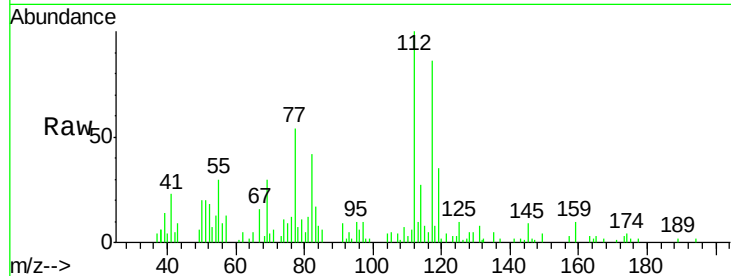




#65
Chlorobenzene
Concen: 4.772 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008078.D
Acq: 07 Jan 2019 19:01

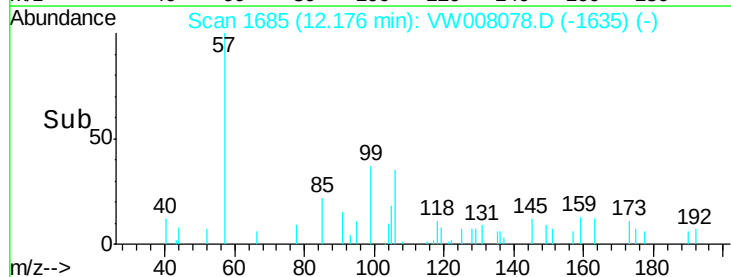
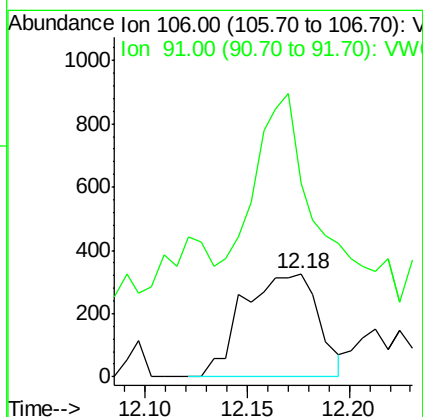
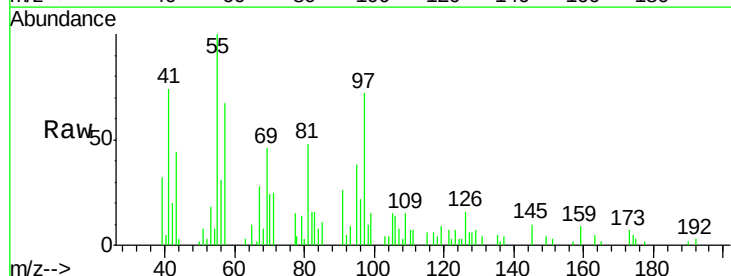
Instrument :
MSVOA_W
ClientSampleId :
CPSB-1(10-15)

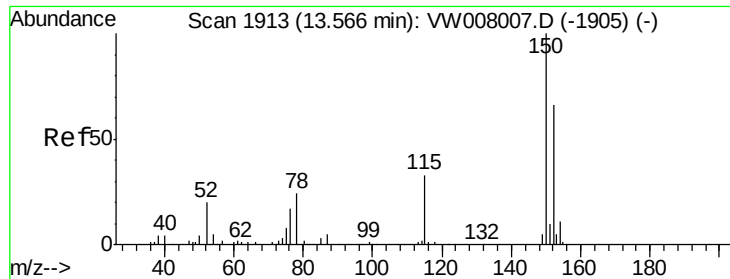
Tot Ion:112 Resp: 5932
Ion Ratio Lower Upper
112 100
114 26.6 26.0 39.0



#69
o-Xylene
Concen: 1.051 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.01 min
Lab File: VW008078.D
Acq: 07 Jan 2019 19:01

Tgt Ion:106 Resp: 834
Ion Ratio Lower Upper
106 100
91 174.2 110.6 331.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW008078.D

Acq: 07 Jan 2019 19:01

Instrument :

MSVOA_W

ClientSampleId :

CPSB-1(10-15)

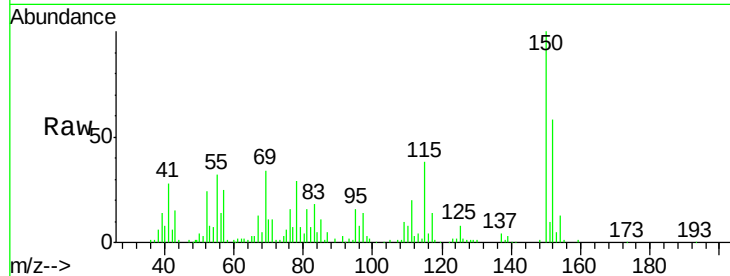
Tot Ion:152 Resp: 17357

Ion Ratio Lower Upper

152 100

115 57.5 32.1 96.5

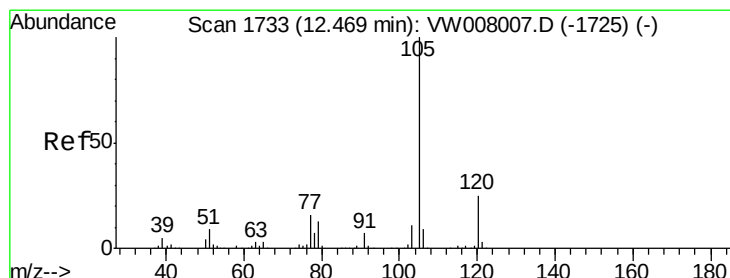
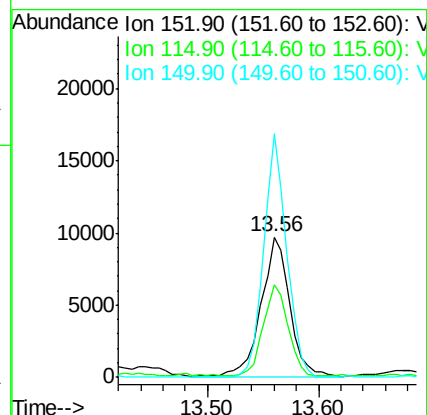
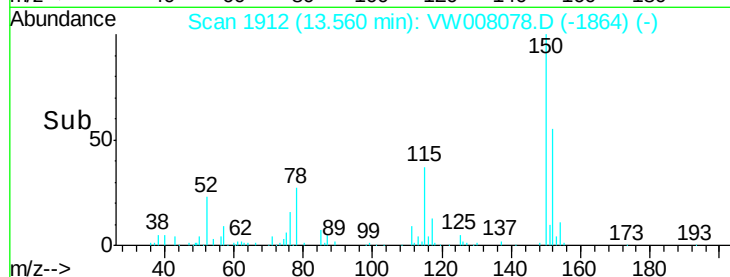
150 140.0 0.0 345.0



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: 1.619 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW008078.D

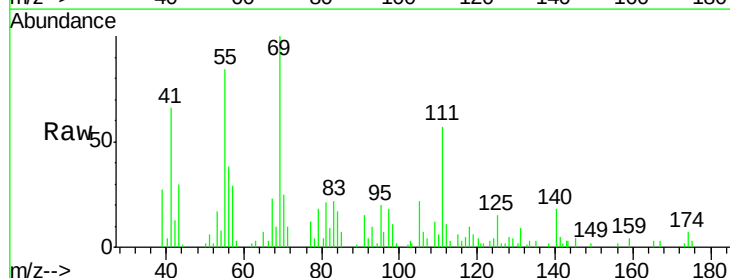
Acq: 07 Jan 2019 19:01

Tgt Ion:105 Resp: 2234

Ion Ratio Lower Upper

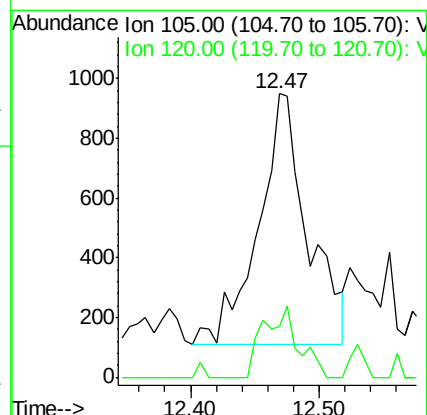
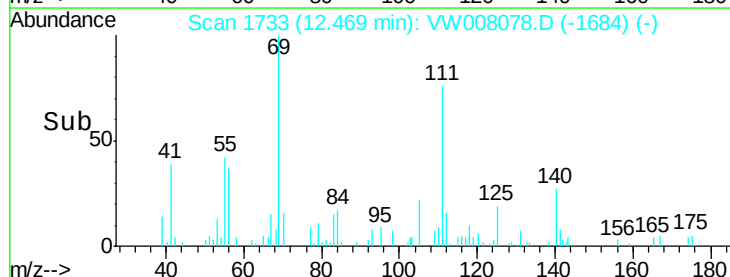
105 100

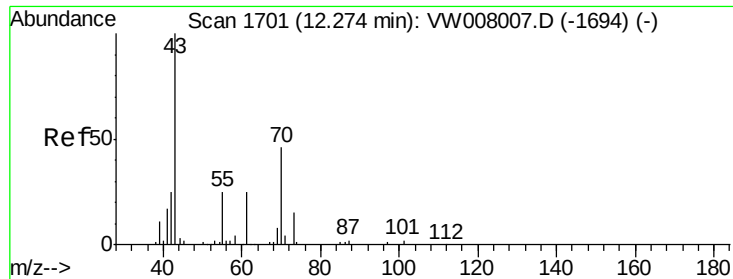
120 19.8 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 39.685 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW008078.D

Acq: 07 Jan 2019 19:01

Instrument :

MSVOA_W

ClientSampleId :

CPSB-1(10-15)

Tot Ion: 43 Resp: 8526

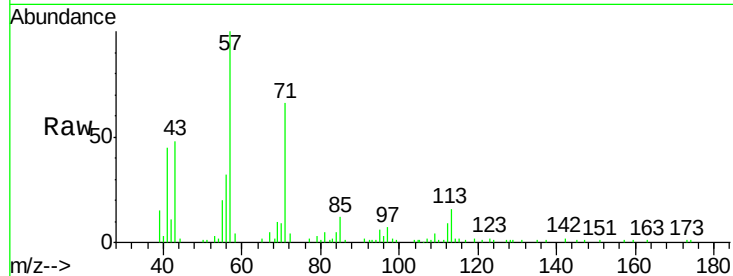
Ion Ratio Lower Upper

43 100

70 0.0 35.2 52.8#

55 0.0 21.4 32.0#

61 0.0 19.4 29.0#

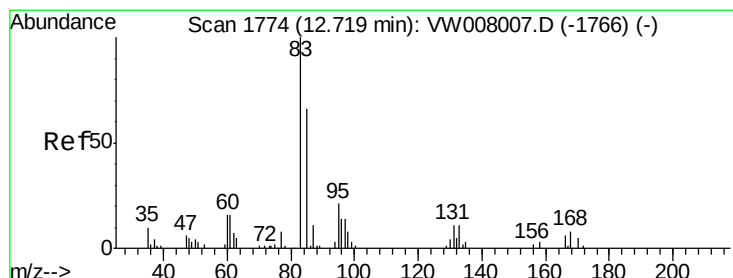
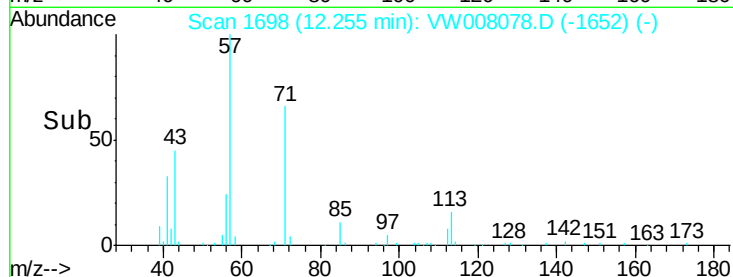
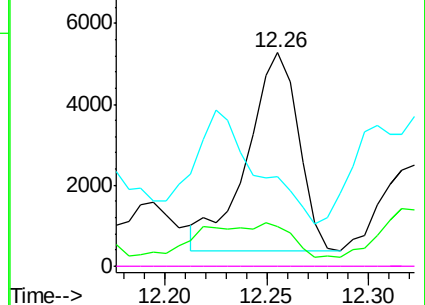


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



#75

1,1,2,2-Tetrachloroethane

Concen: 16.724 ug/l

RT: 12.70 min Scan# 1771

Delta R.T. -0.02 min

Lab File: VW008078.D

Acq: 07 Jan 2019 19:01

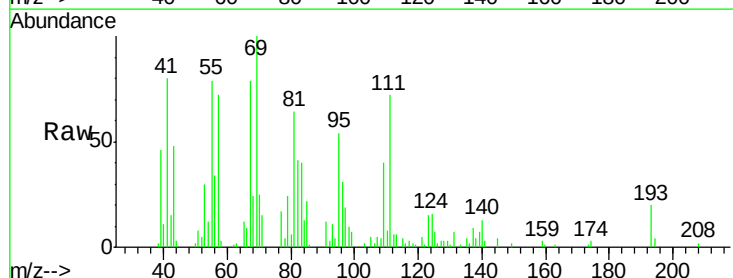
Tgt Ion: 83 Resp: 2937

Ion Ratio Lower Upper

83 100

131 23.0 6.5 19.5#

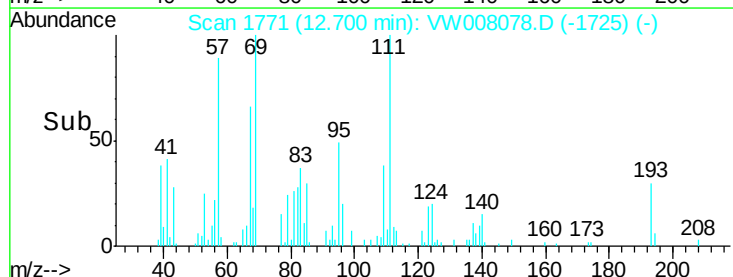
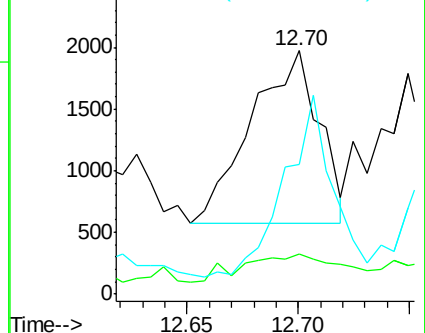
85 75.7 32.8 98.3

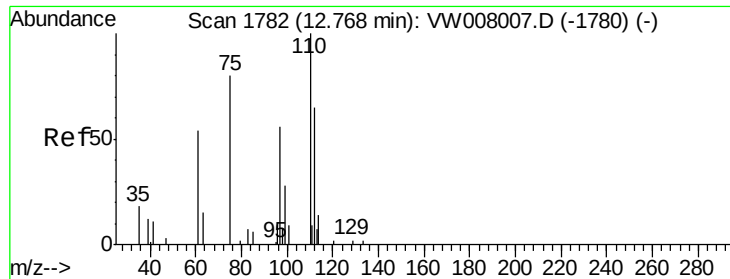


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW





#76

1,2,3-Trichloropropane

Concen: 97.992 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW008078.D

Acq: 07 Jan 2019 19:01

Instrument :

MSVOA_W

ClientSampleId :

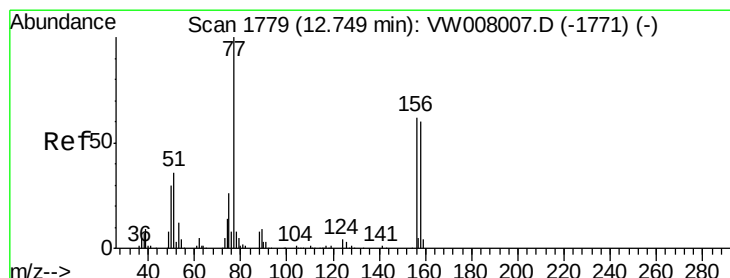
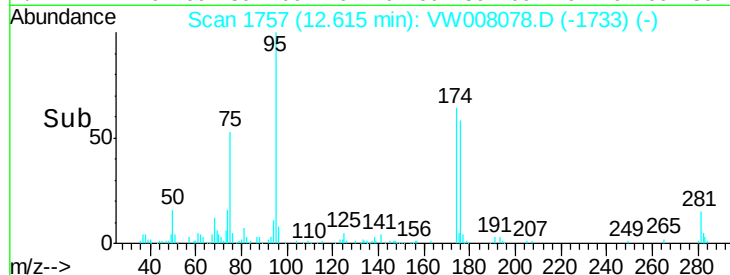
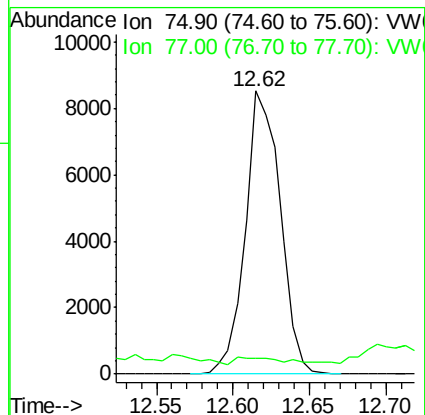
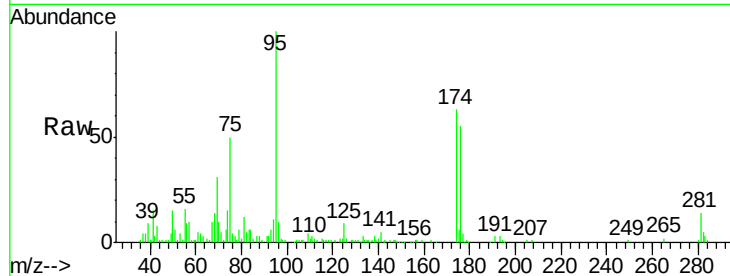
CPSB-1(10-15)

Tot Ion: 75 Resp: 13531

Ion Ratio Lower Upper

75 100

77 3.4 186.2 558.6#



#77

Bromobenzene

Concen: 3.927 ug/l

RT: 12.59 min Scan# 1753

Delta R.T. -0.16 min

Lab File: VW008078.D

Acq: 07 Jan 2019 19:01

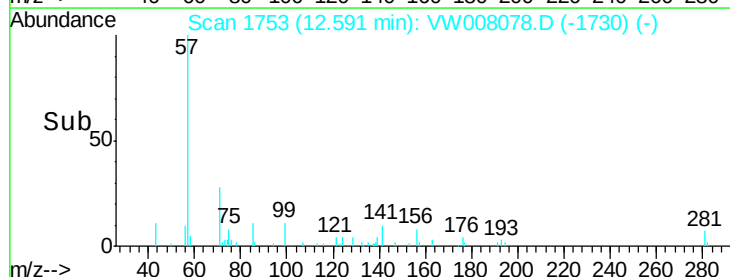
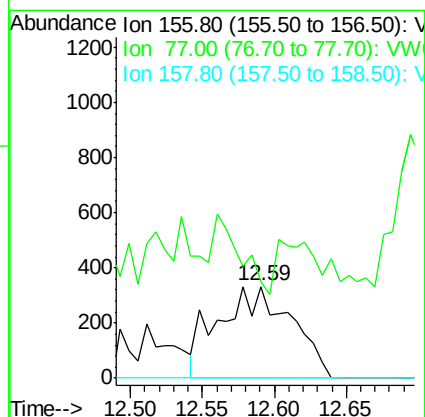
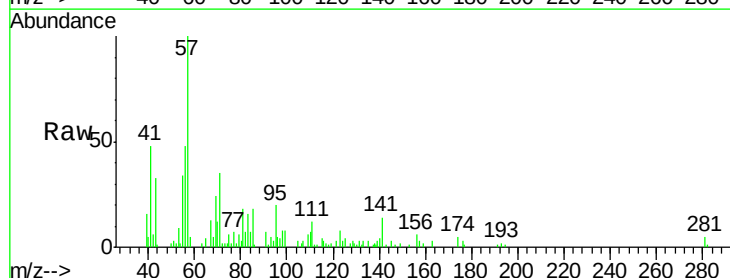
Tgt Ion: 156 Resp: 1165

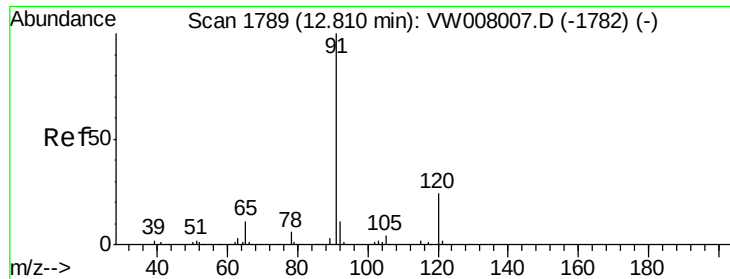
Ion Ratio Lower Upper

156 100

77 39.4 87.9 263.8#

158 0.0 47.8 143.4#





#78

n-propylbenzene

Concen: 1.772 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008078.D

Acq: 07 Jan 2019 19:01

Instrument :

MSVOA_W

ClientSampleId :

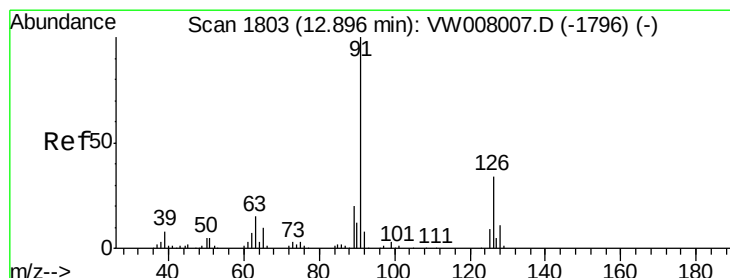
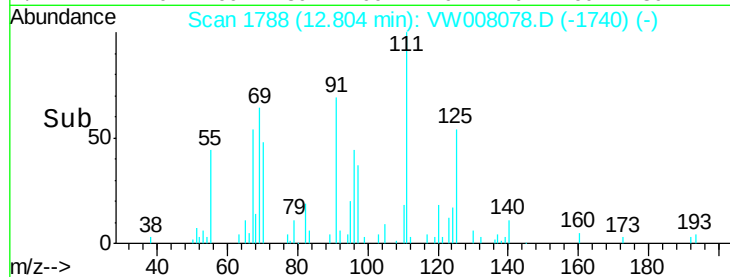
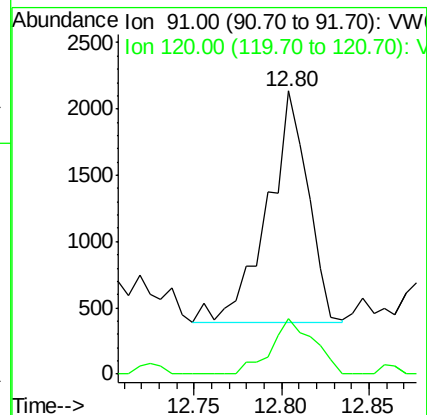
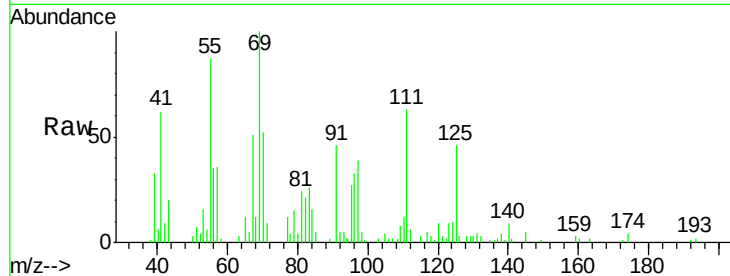
CPSB-1(10-15)

Tot Ion: 91 Resp: 2836

Ion Ratio Lower Upper

91 100

120 25.1 11.5 34.5



#79

2-Chlorotoluene

Concen: 1.230 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW008078.D

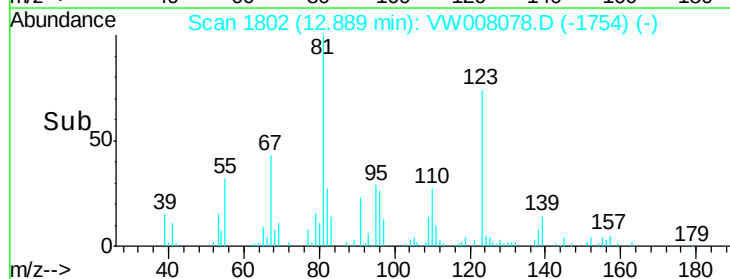
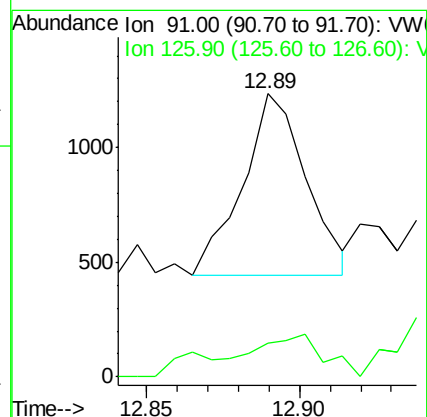
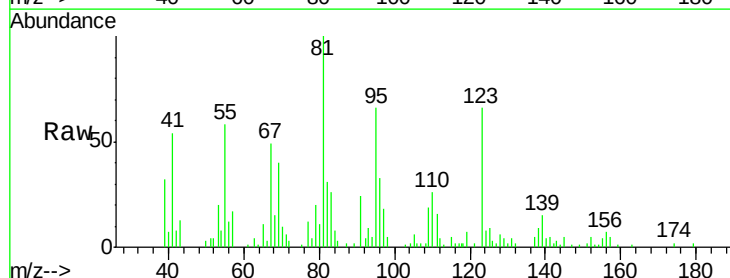
Acq: 07 Jan 2019 19:01

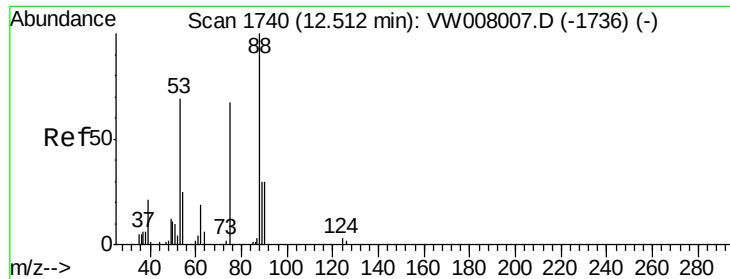
Tgt Ion: 91 Resp: 1138

Ion Ratio Lower Upper

91 100

126 27.0 17.1 51.2





#81

trans-1,4-Dichloro-2-butene

Concen: 231.734 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW008078.D

Acq: 07 Jan 2019 19:01

Instrument :

MSVOA_W

ClientSampleId :

CPSB-1(10-15)

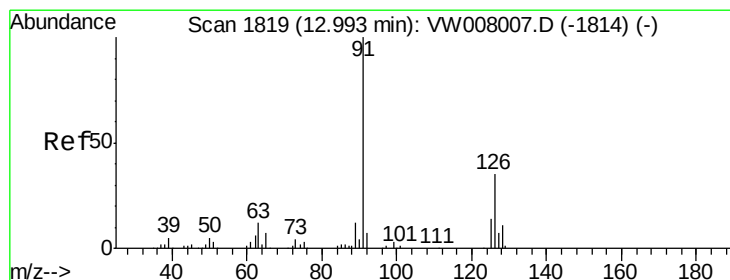
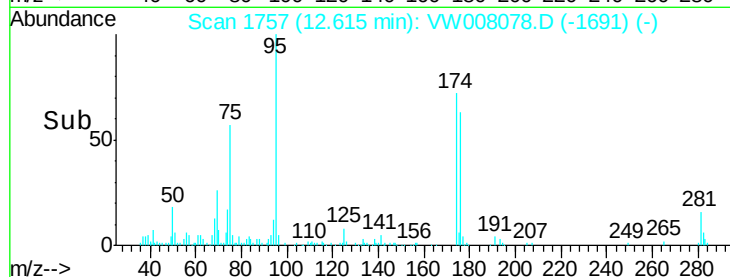
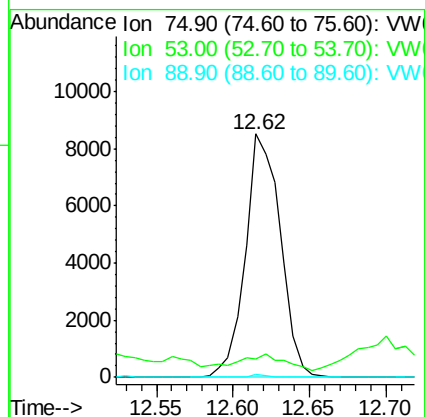
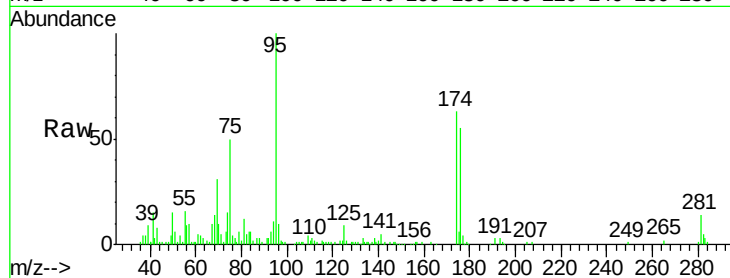
Tot Ion: 75 Resp: 13531

Ion Ratio Lower Upper

75 100

53 8.8 87.6 131.4#

89 0.4 42.2 63.2#



#82

4-Chlorotoluene

Concen: 1.157 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.10 min

Lab File: VW008078.D

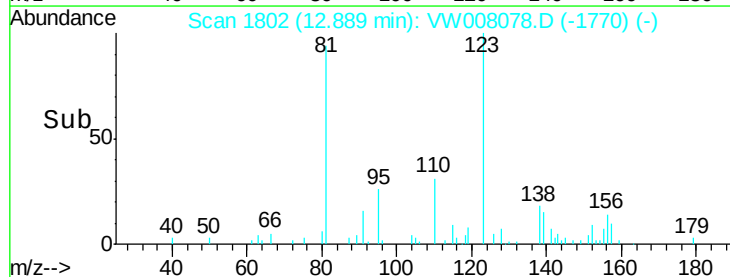
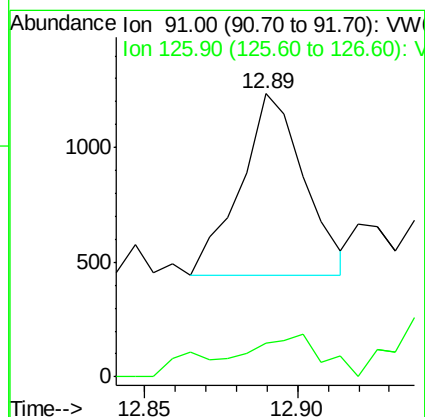
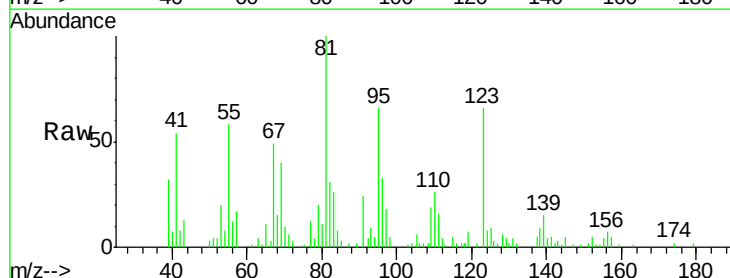
Acq: 07 Jan 2019 19:01

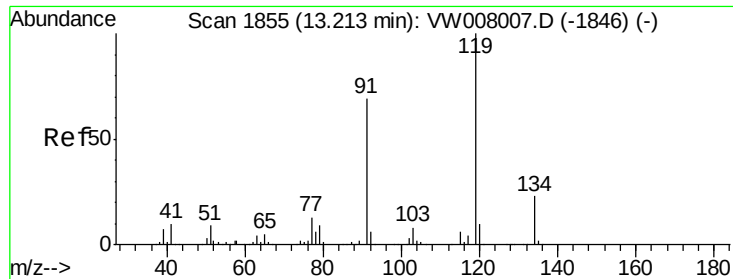
Tgt Ion: 91 Resp: 1138

Ion Ratio Lower Upper

91 100

126 27.0 16.7 50.1

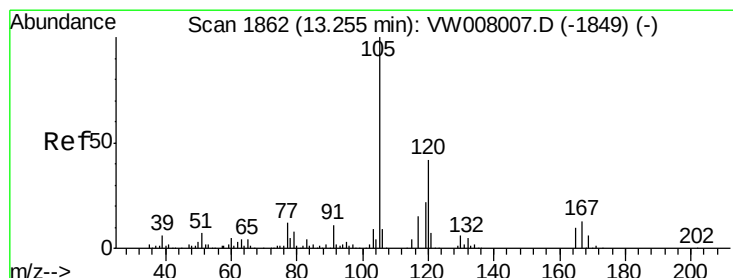
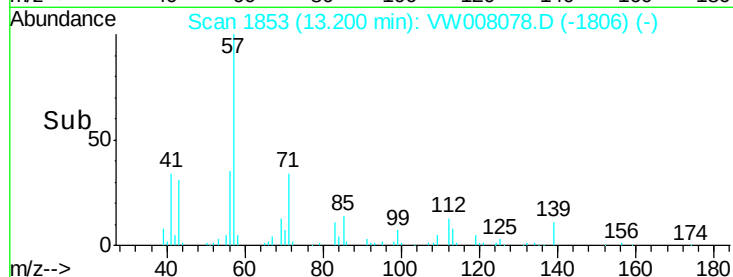
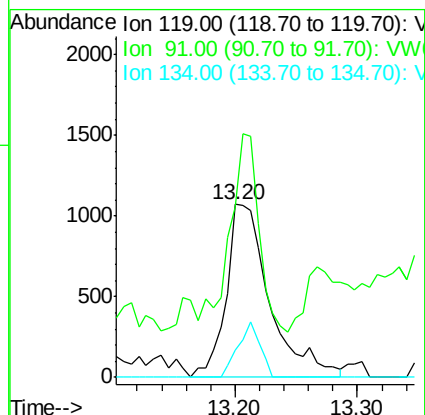
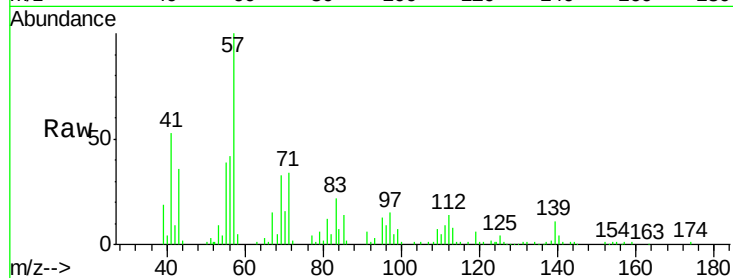




#83
tert-Butylbenzene
Concen: 2.550 ug/l
RT: 13.20 min Scan# 1853
Delta R.T. -0.01 min
Lab File: VW008078.D
Acq: 07 Jan 2019 19:01

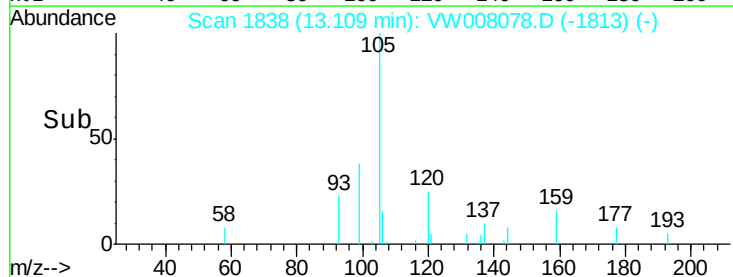
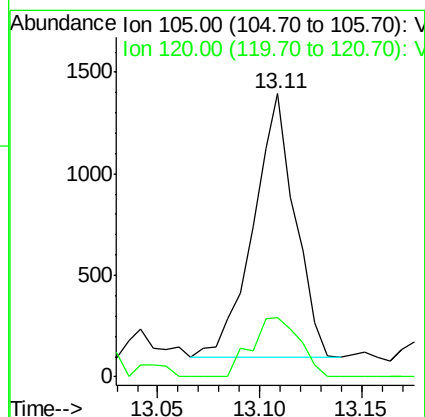
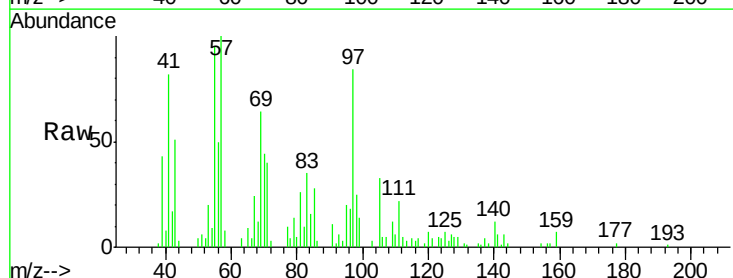
Instrument :
MSVOA_W
ClientSampled :
CPSB-1(10-15)

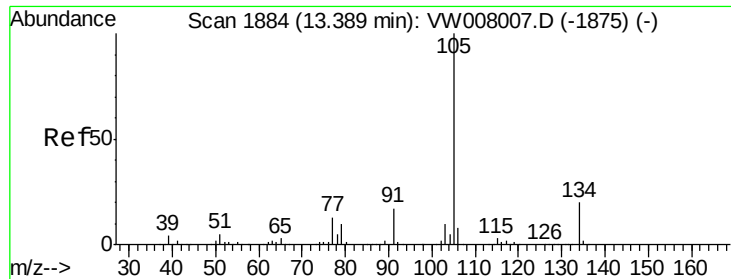
Tot Ion:119 Resp: 2651
Ion Ratio Lower Upper
119 100
91 75.4 34.7 104.1
134 16.0 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 1.541 ug/l
RT: 13.11 min Scan# 1838
Delta R.T. -0.15 min
Lab File: VW008078.D
Acq: 07 Jan 2019 19:01

Tgt Ion:105 Resp: 1854
Ion Ratio Lower Upper
105 100
120 25.9 21.5 64.5





#85

sec-Butylbenzene

Concen: 2.939 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW008078.D

Acq: 07 Jan 2019 19:01

Instrument :

MSVOA_W

ClientSampleId :

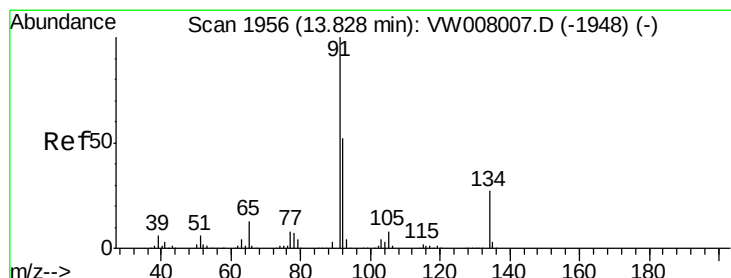
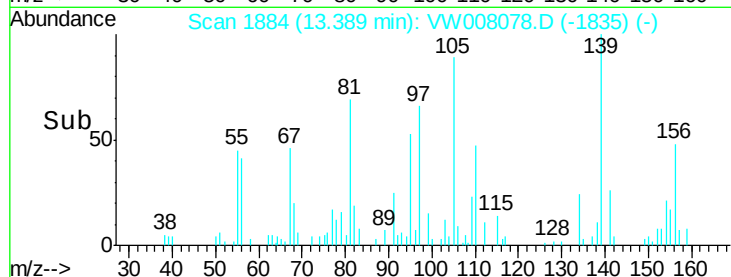
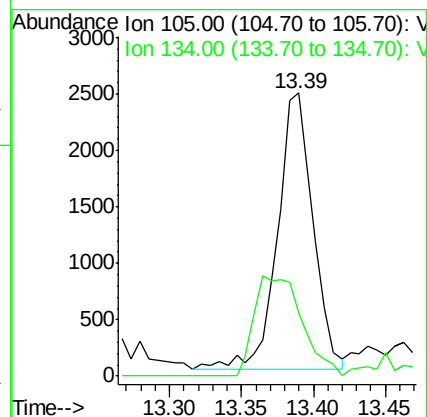
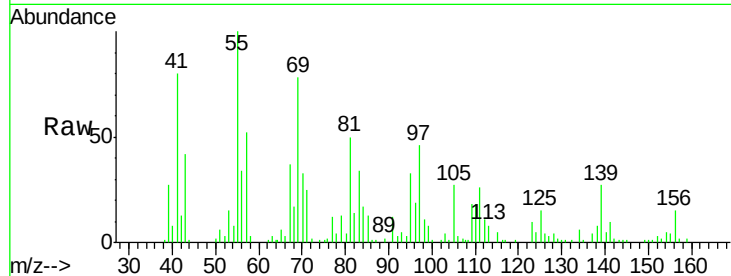
CPSB-1(10-15)

Tot Ion:105 Resp: 4202

Ion Ratio Lower Upper

105 100

134 0.0 9.7 28.9#



#89

n-Butylbenzene

Concen: 1.773 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008078.D

Acq: 07 Jan 2019 19:01

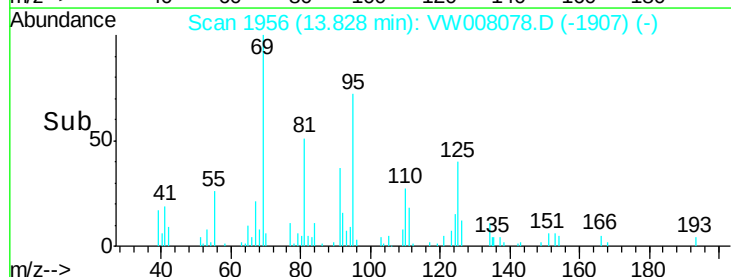
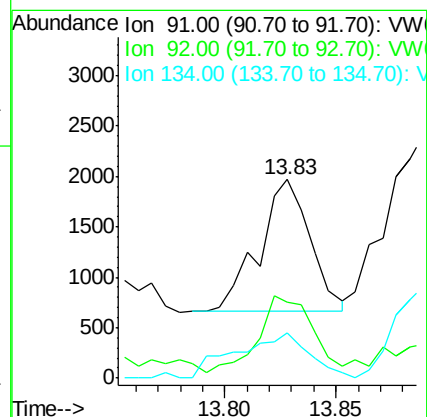
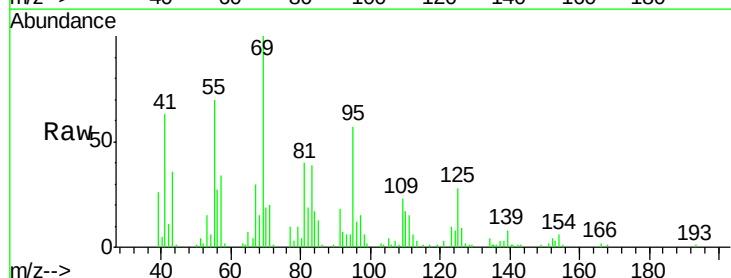
Tgt Ion: 91 Resp: 2091

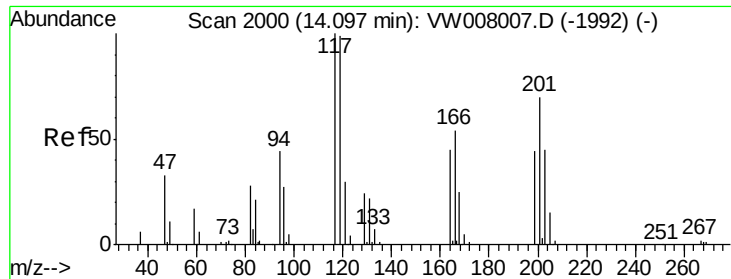
Ion Ratio Lower Upper

91 100

92 62.7 26.4 79.2

134 49.8 13.4 40.2#

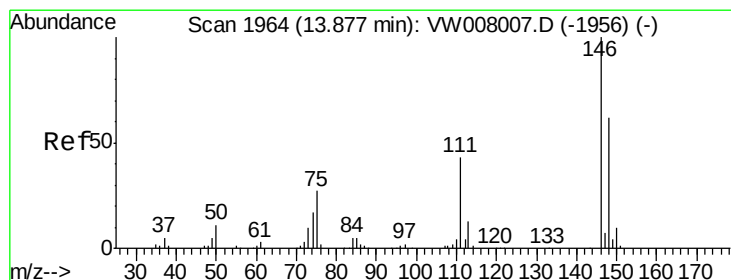
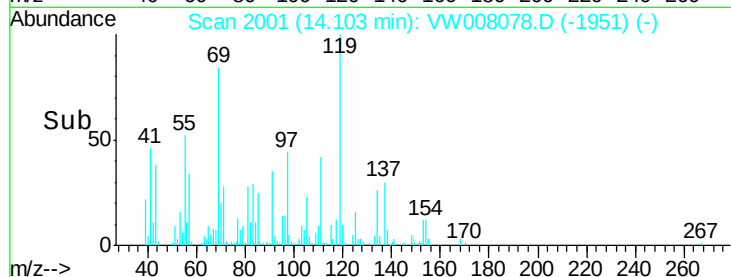
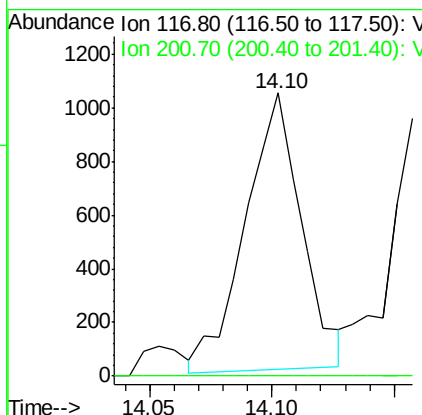
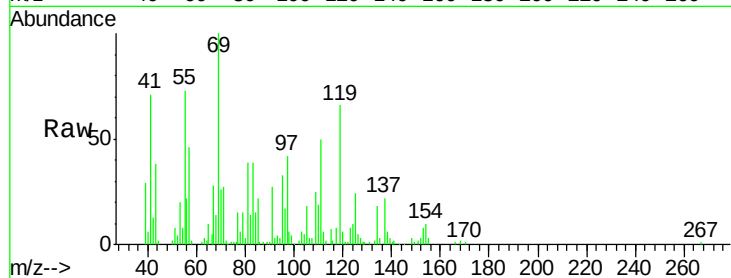




#90
Hexachloroethane
Concen: 7.431 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW008078.D
Acq: 07 Jan 2019 19:01

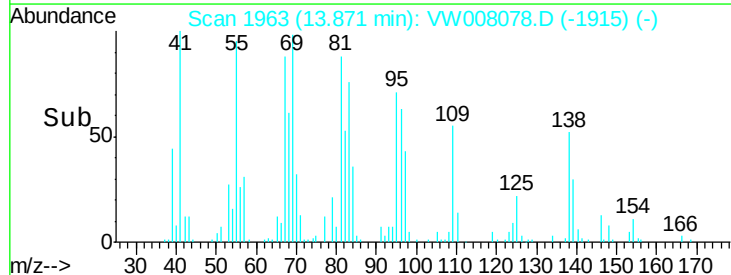
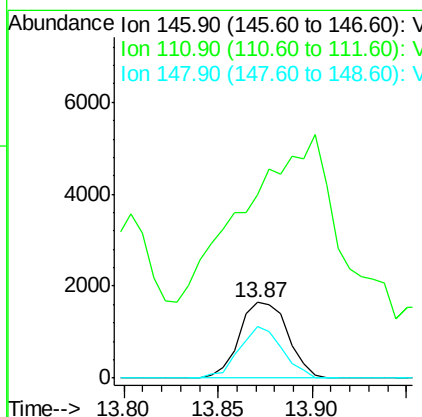
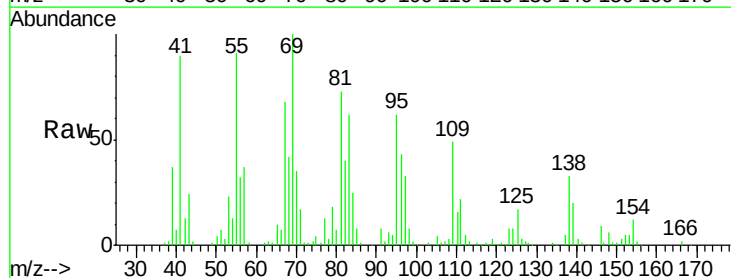
Instrument :
MSVOA_W
ClientSampleId :
CPSB-1(10-15)

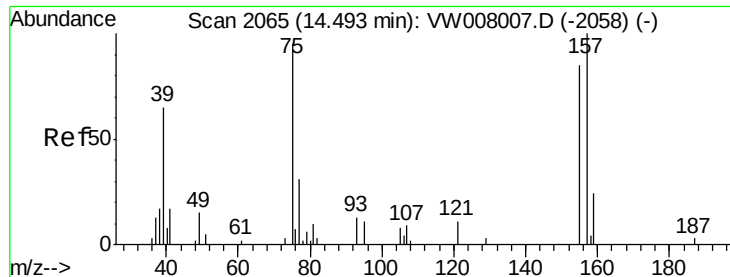
Tot Ion:117 Resp: 1663
Ion Ratio Lower Upper
117 100
201 0.0 37.1 111.5#



#91
1,2-Dichlorobenzene
Concen: 5.567 ug/l
RT: 13.87 min Scan# 1963
Delta R.T. -0.01 min
Lab File: VW008078.D
Acq: 07 Jan 2019 19:01

Tgt Ion:146 Resp: 2928
Ion Ratio Lower Upper
146 100
111 0.0 22.6 67.7#
148 60.1 32.1 96.3





#92

1,2-Dibromo-3-Chloropropane

Concen: 7.603 ug/l

RT: 14.54 min Scan# 2073

Delta R.T. 0.05 min

Lab File: VW008078.D

Acq: 07 Jan 2019 19:01

Instrument :

MSVOA_W

ClientSampleId :

CPSB-1(10-15)

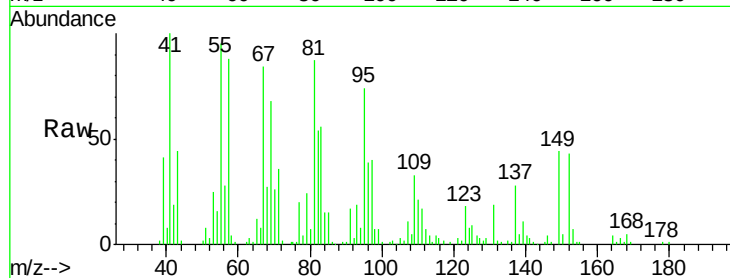
Tot Ion: 75 Resp: 271

Ion Ratio Lower Upper

75 100

155 86.7 42.4 127.1

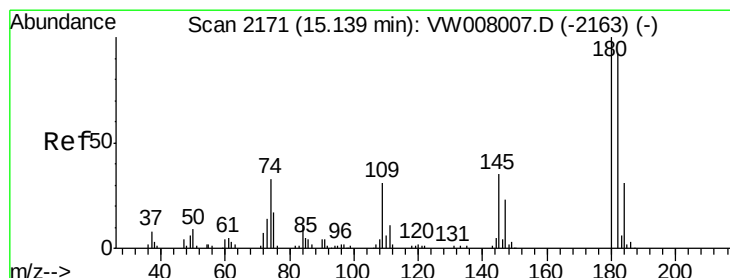
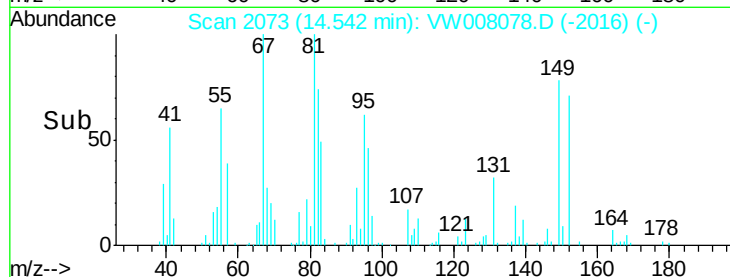
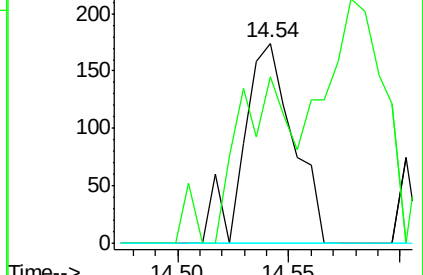
157 0.0 52.3 156.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 1.113 ug/l

RT: 15.15 min Scan# 2172

Delta R.T. 0.01 min

Lab File: VW008078.D

Acq: 07 Jan 2019 19:01

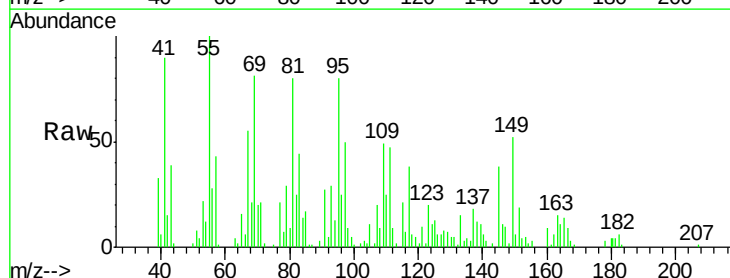
Tgt Ion: 180 Resp: 411

Ion Ratio Lower Upper

180 100

182 305.1 46.6 139.8#

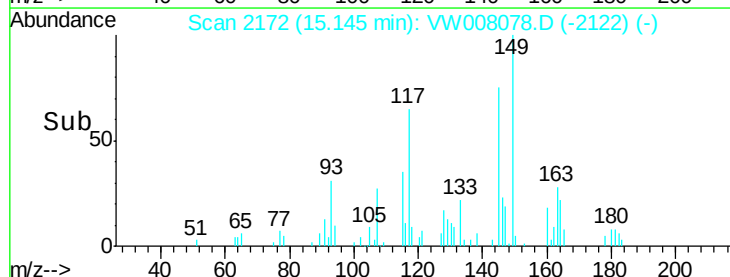
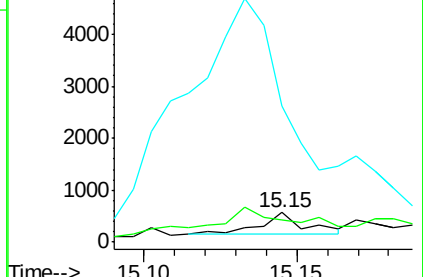
145 3352.3 17.2 51.6#

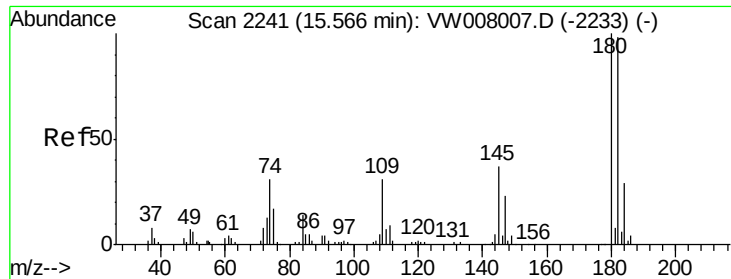


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

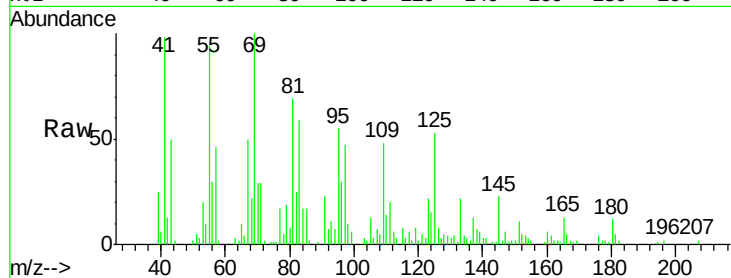




#96
 1,2,3-Trichlorobenzene
 Concen: 4.389 ug/l
 RT: 15.58 min Scan# 2243
 Delta R.T. 0.01 min
 Lab File: VW008078.D
 Acq: 07 Jan 2019 19:01

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-1(10-15)

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



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

