

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010719\
 Data File : VW008081.D
 Acq On : 07 Jan 2019 20:21
 Operator : SY/AP
 Sample : K1071-10
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-3(15-20)

Quant Time: Jan 08 03:47:54 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	72486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	121149	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	71460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	13264	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	42951	53.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.14%	
35) Dibromofluoromethane	7.88	113	37221	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
50) Toluene-d8	10.32	98	130384	45.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.02%	
62) 4-Bromofluorobenzene	12.62	95	27606	25.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	50.26%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	5.18	59	309	5.932	ug/l #	71
16) Acetone	4.14	43	2252	18.146	ug/l	91
18) Methyl Acetate	4.42	43	358	1.112	ug/l #	48
20) Methylene Chloride	4.91	84	4051	3.062	ug/l	96
25) 2-Butanone	7.18	43	487	3.331	ug/l #	45
31) Cyclohexane	7.95	56	3523	2.875	ug/l #	63
36) 1,1-Dichloropropene	7.95	75	5729	4.794	ug/l #	49
37) Ethyl Acetate	7.18	43	487	1.357	ug/l #	67
38) Carbon Tetrachloride	7.95	117	8092	5.650	ug/l #	15
39) Methylcyclohexane	9.34	83	22662	15.213	ug/l	98
43) Isopropyl Acetate	8.42	43	978	1.364	ug/l #	49
48) Methyl methacrylate	9.47	41	1112	3.075	ug/l #	20
51) 4-Methyl-2-Pentanone	10.25	43	2613	7.870	ug/l #	74
55) 1,1,2-Trichloroethane	10.76	97	8603	15.926	ug/l #	26
56) Ethyl methacrylate	10.66	69	3211	5.258	ug/l #	14
59) 2-Hexanone	10.94	43	15928	69.491	ug/l #	29
65) Chlorobenzene	11.66	112	5986	3.919	ug/l	90
73) Isopropylbenzene	12.47	105	5116	4.851	ug/l	89
74) N-amyl acetate	12.26	43	38113	232.142	ug/l #	68
75) 1,1,2,2-Tetrachloroethane	12.69	83	2598	19.359	ug/l #	26
76) 1,2,3-Trichloropropane	12.62	75	13142	124.543	ug/l #	1
78) n-propylbenzene	12.81	91	4175	3.414	ug/l	94
79) 2-Chlorotoluene	12.90	91	1689	2.390	ug/l #	56
80) 1,3,5-Trimethylbenzene	13.10	105	25451	28.034	ug/l	73
81) trans-1,4-Dichloro-2-buten	12.62	75	13142	294.525	ug/l #	10
83) tert-Butylbenzene	13.21	119	2784	3.505	ug/l #	59
84) 1,2,4-Trimethylbenzene	13.26	105	1387	1.508	ug/l	72
85) sec-Butylbenzene	13.39	105	27989	25.615	ug/l #	72
86) p-Isopropyltoluene	13.66	119	8538	8.663	ug/l	88
88) 1,4-Dichlorobenzene	13.58	146	1514	3.343	ug/l #	1
89) n-Butylbenzene	13.83	91	18334	20.337	ug/l #	78
90) Hexachloroethane	14.10	117	6366	37.224	ug/l #	12
91) 1,2-Dichlorobenzene	13.87	146	4387	10.914	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.50	75	625	22.946	ug/l #	13

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Quant Title : SW846 8260
QLast Update : Thu Jan 03 05:03:55 2019
Response via : Initial Calibration

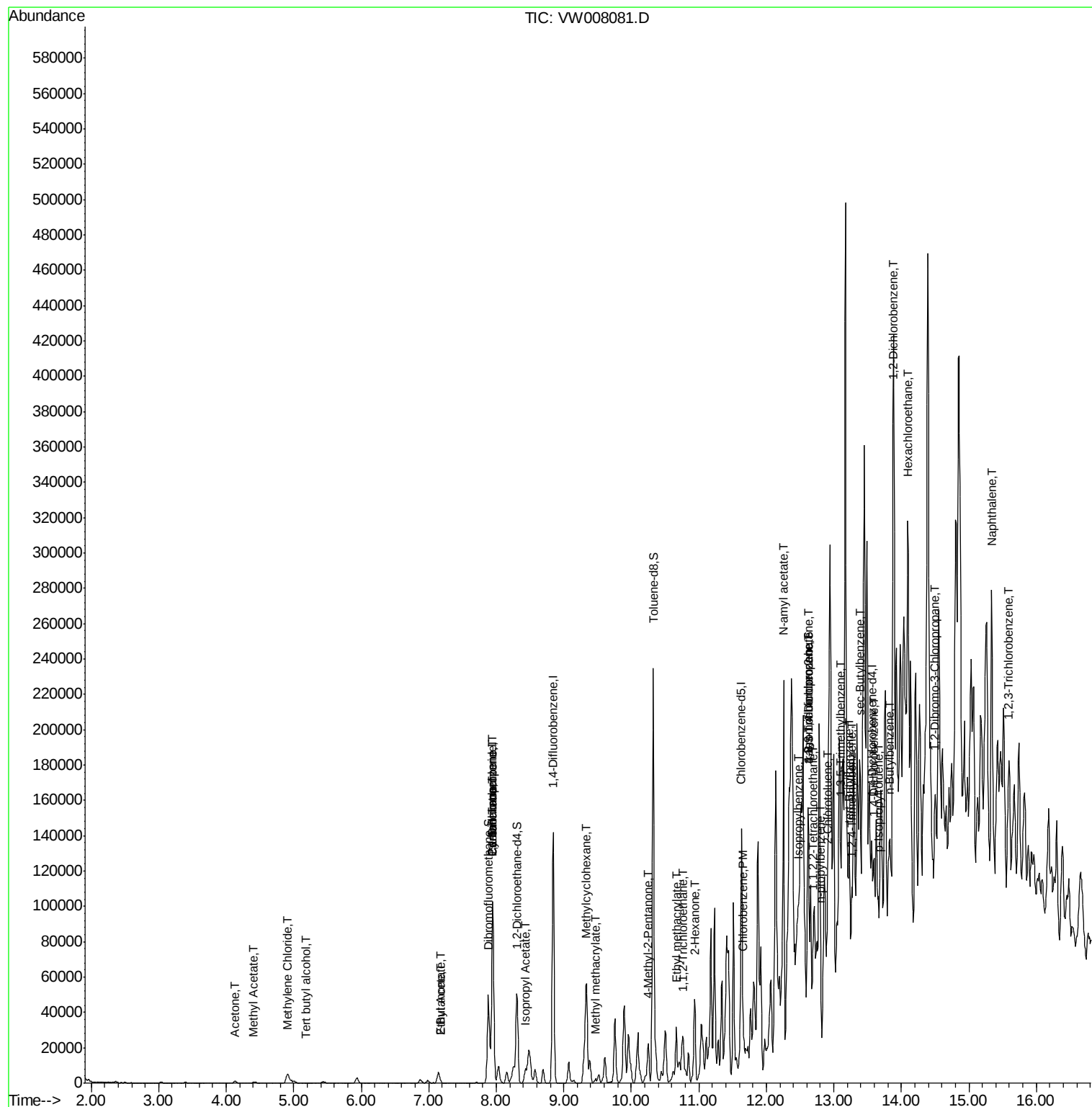
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.33	128	1066	2.217	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.58	180	780	3.358	ug/l #	12

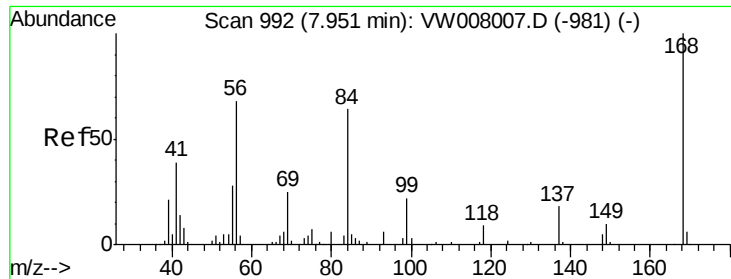
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010719\
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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: VW008081.D

Acq: 07 Jan 2019 20:21

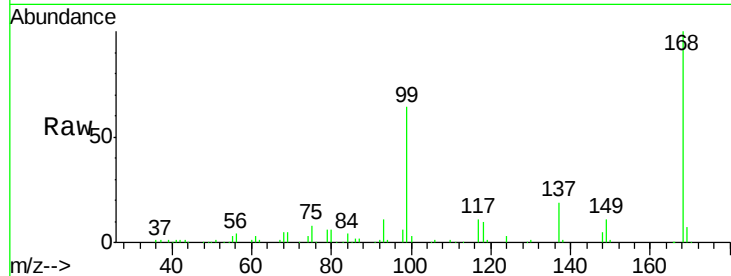
Instrument :
MSVOA_W
ClientSampleId :
CPSB-3(15-20)

Tot Ion:168 Resp: 72486

Ion Ratio Lower Upper

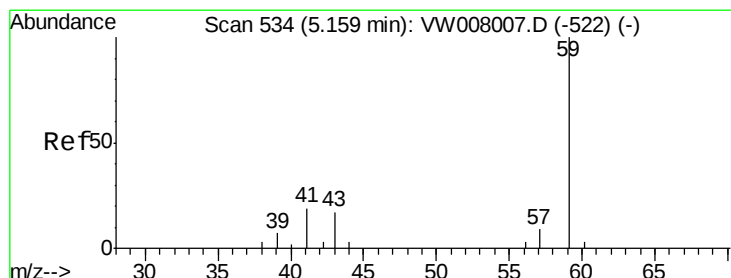
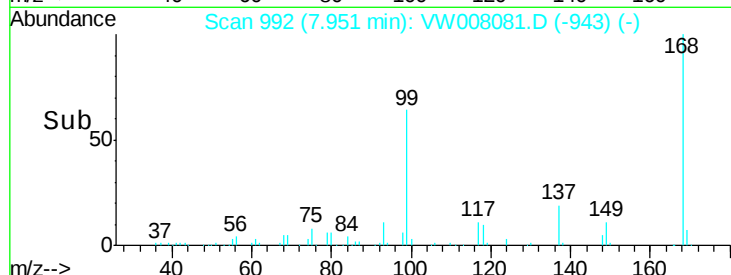
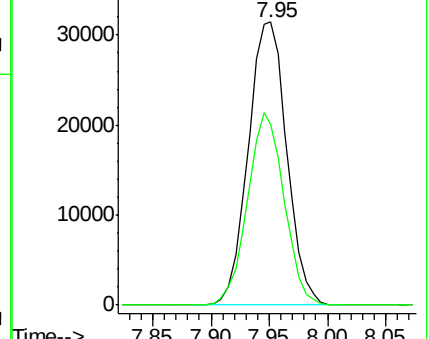
168 100

99 64.1 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: 5.932 ug/l

RT: 5.18 min Scan# 538

Delta R.T. 0.02 min

Lab File: VW008081.D

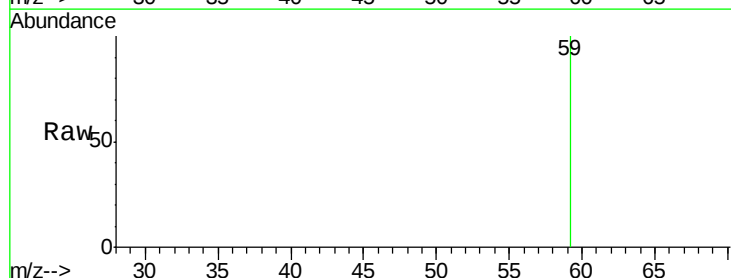
Acq: 07 Jan 2019 20:21

Tgt Ion: 59 Resp: 309

Ion Ratio Lower Upper

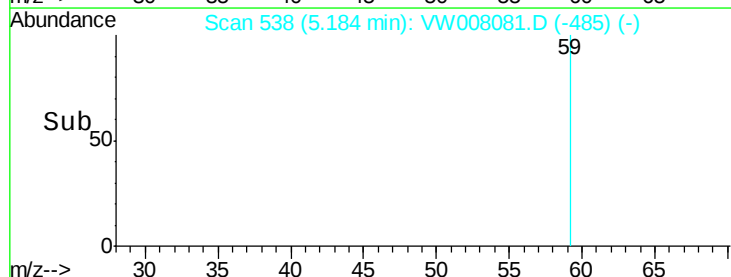
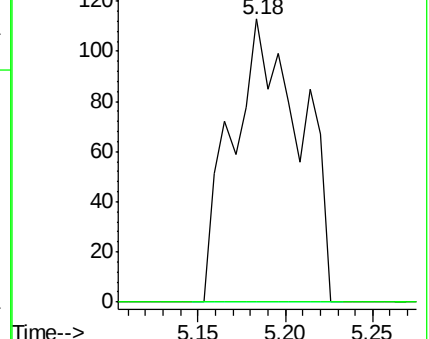
59 100

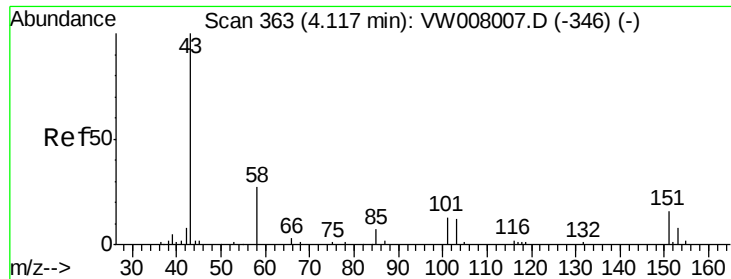
57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 18.146 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW008081.D

Acq: 07 Jan 2019 20:21

Instrument :

MSVOA_W

ClientSampleId :

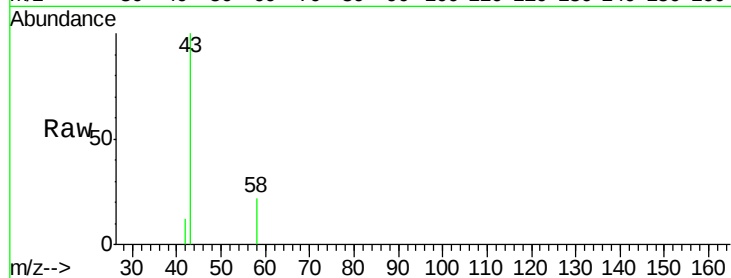
CPSB-3(15-20)

Tot Ion: 43 Resp: 2252

Ion Ratio Lower Upper

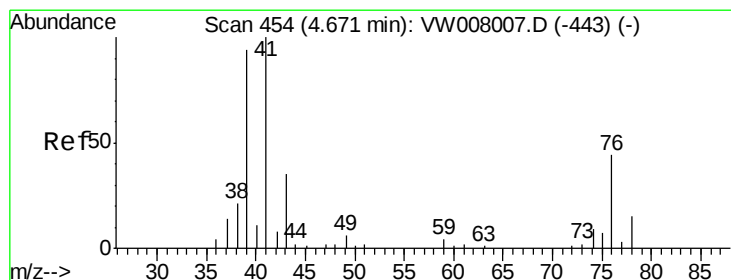
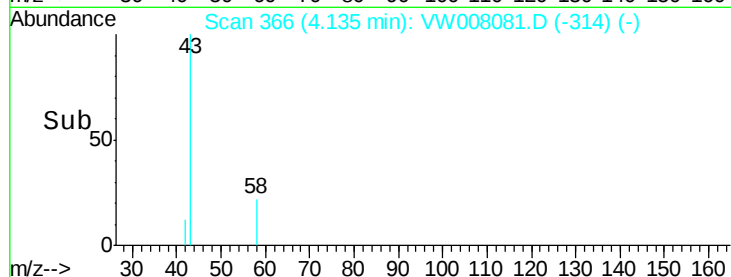
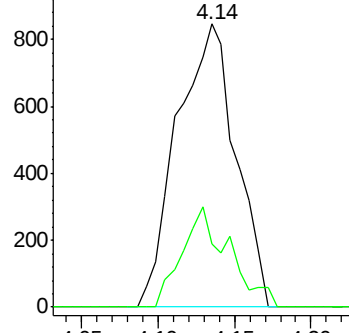
43 100

58 22.2 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#18

Methyl Acetate

Concen: 1.112 ug/l

RT: 4.42 min Scan# 412

Delta R.T. -0.26 min

Lab File: VW008081.D

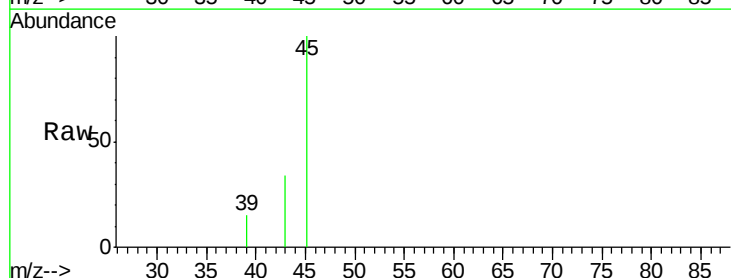
Acq: 07 Jan 2019 20:21

Tgt Ion: 43 Resp: 358

Ion Ratio Lower Upper

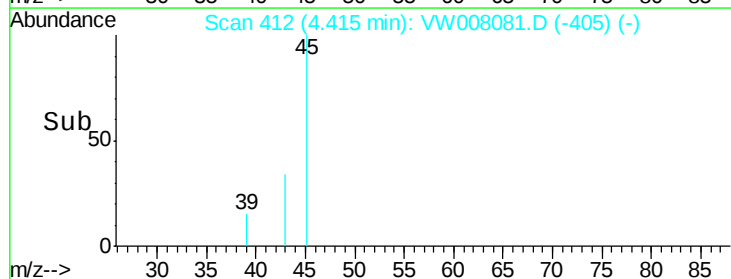
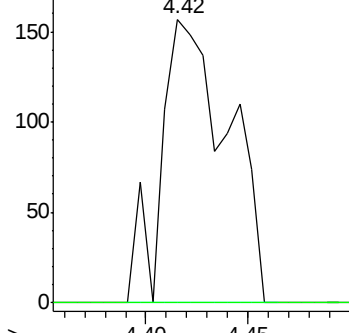
43 100

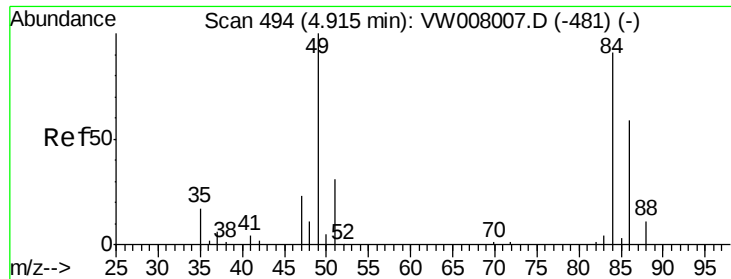
74 0.0 21.4 32.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

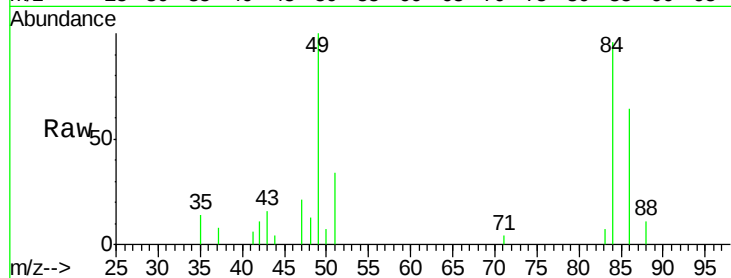




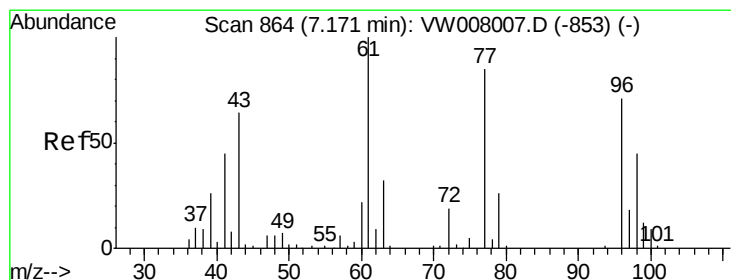
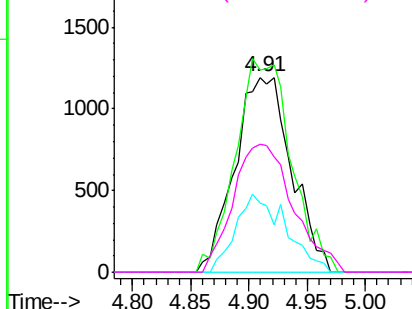
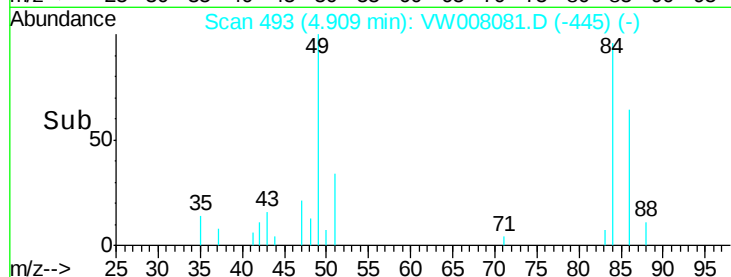
#20
Methylene Chloride
Concen: 3.062 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW008081.D
Acq: 07 Jan 2019 20:21

Instrument :
MSVOA_W
ClientSampleId :
CPSB-3(15-20)

Tot Ion: 84 Resp: 4051
Ion Ratio Lower Upper
84 100
49 103.7 87.7 131.5
51 35.5 27.3 40.9
86 66.0 51.4 77.0

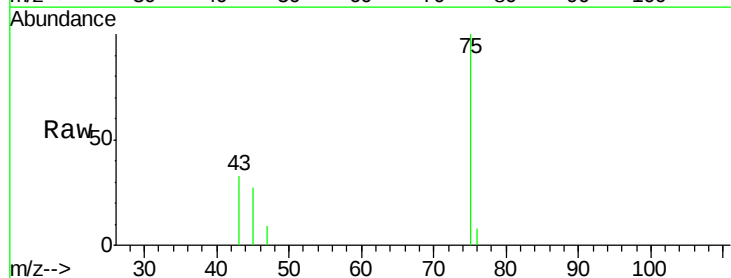


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

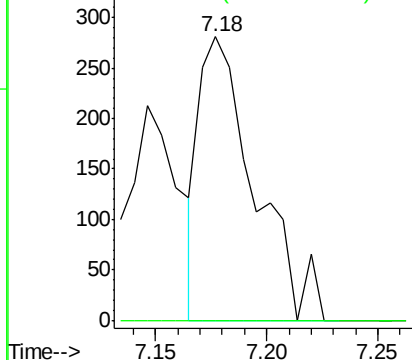
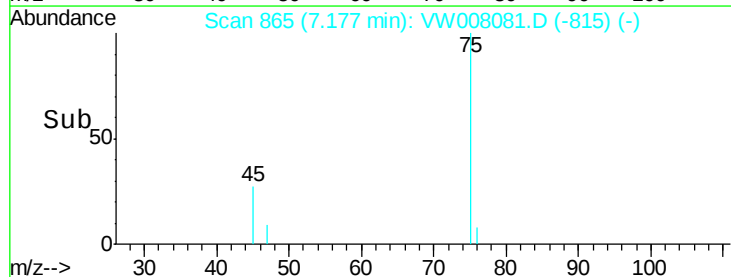


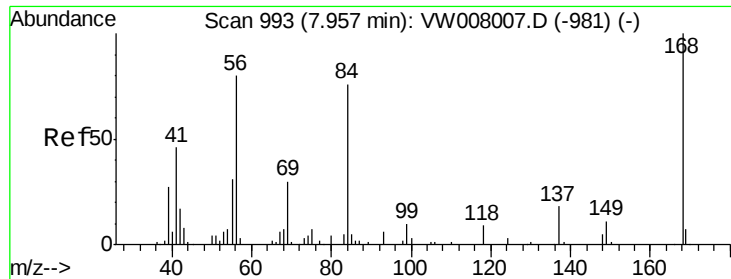
#25
2-Butanone
Concen: 3.331 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW008081.D
Acq: 07 Jan 2019 20:21

Tgt Ion: 43 Resp: 487
Ion Ratio Lower Upper
43 100
72 0.0 23.8 35.8#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW

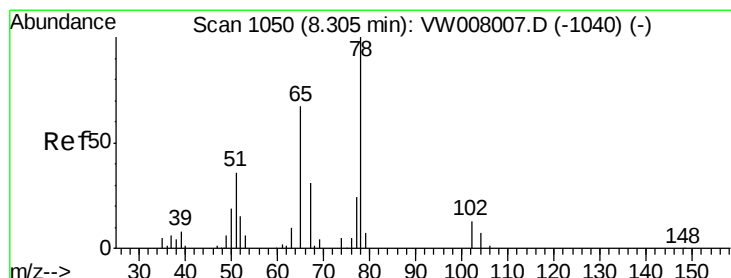
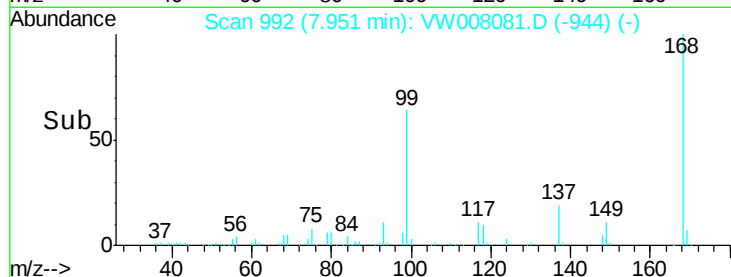
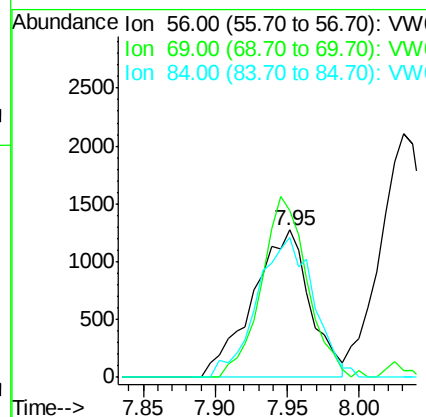
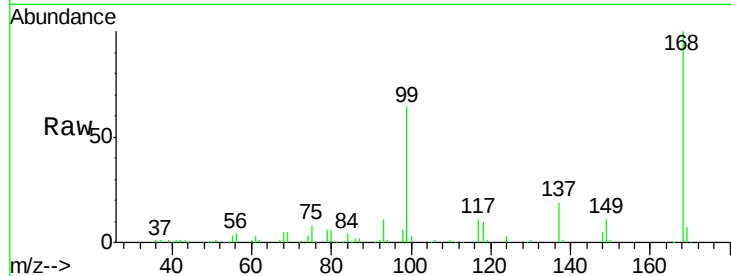




#31
Cyclohexane
Concen: 2.875 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW008081.D
Acq: 07 Jan 2019 20:21

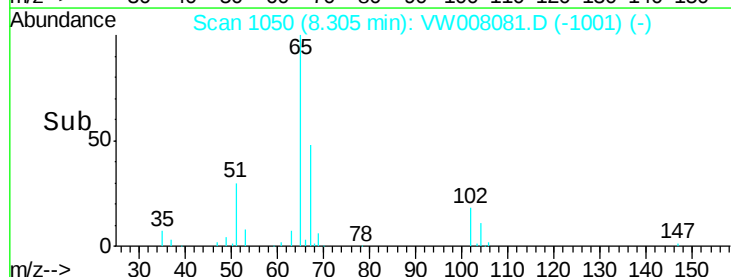
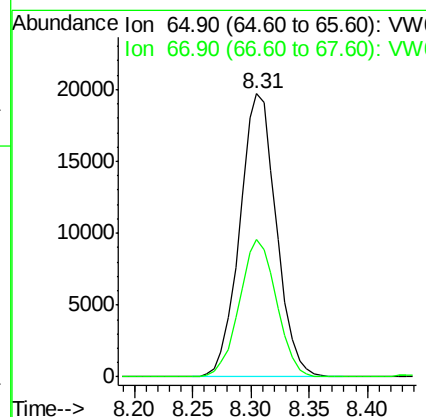
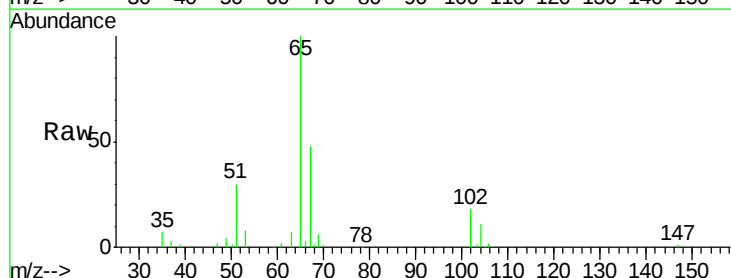
Instrument :
MSVOA_W
ClientSampleId :
CPSB-3(15-20)

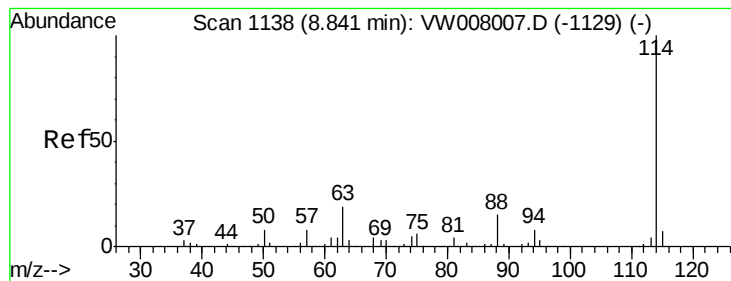
Tot Ion: 56 Resp: 3523
Ion Ratio Lower Upper
56 100
69 113.6 29.8 44.6#
84 95.4 75.2 112.8



#33
1,2-Dichloroethane-d4
Concen: 53.572 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008081.D
Acq: 07 Jan 2019 20:21

Tgt Ion: 65 Resp: 42951
Ion Ratio Lower Upper
65 100
67 49.1 0.0 94.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008081.D

Acq: 07 Jan 2019 20:21

Instrument :

MSVOA_W

ClientSampleId :

CPSB-3(15-20)

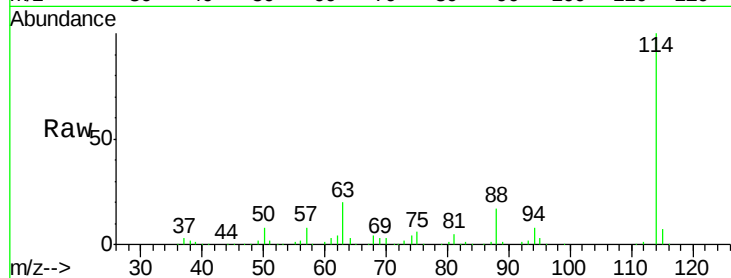
Tot Ion:114 Resp: 121149

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.8

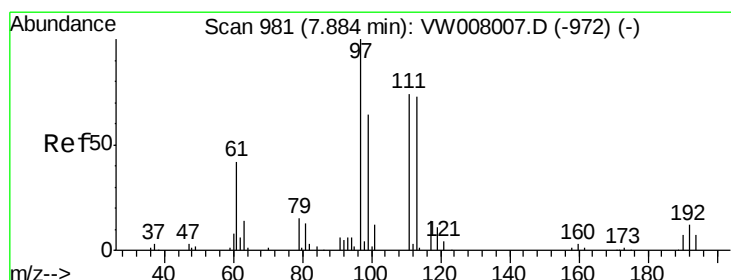
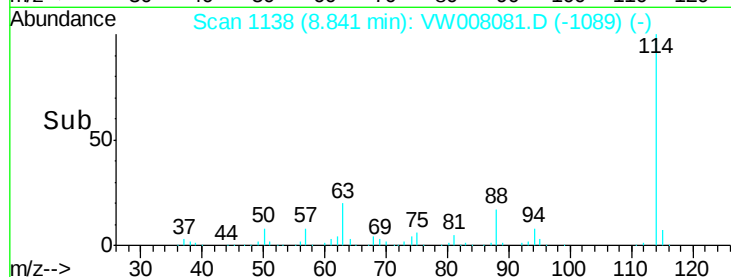
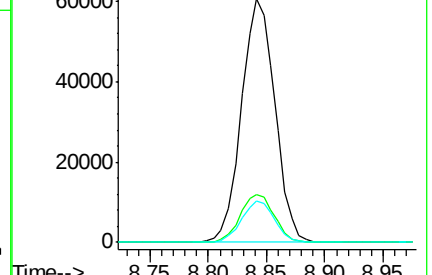
88 17.0 0.0 31.0



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: 48.736 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008081.D

Acq: 07 Jan 2019 20:21

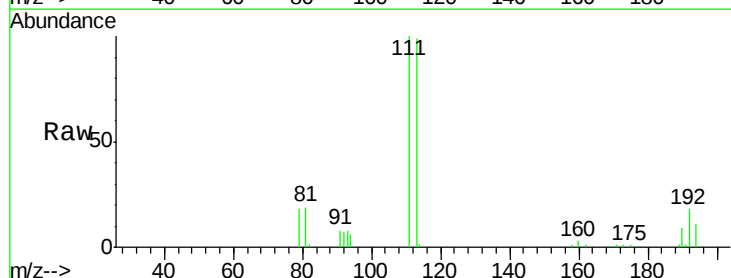
Tgt Ion:113 Resp: 37221

Ion Ratio Lower Upper

113 100

111 100.6 81.4 122.0

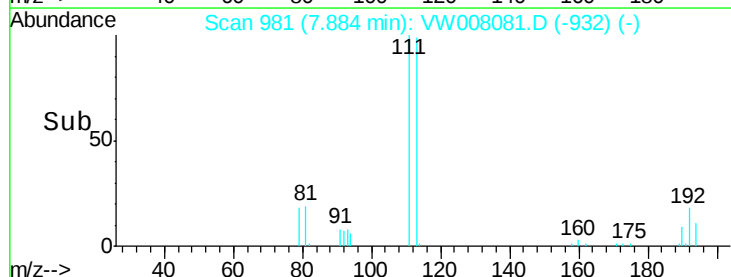
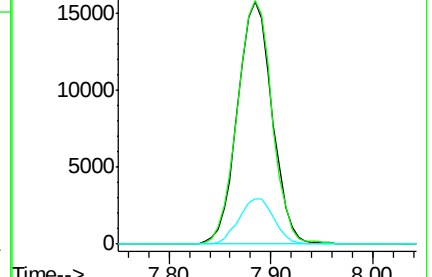
192 18.9 14.8 22.2

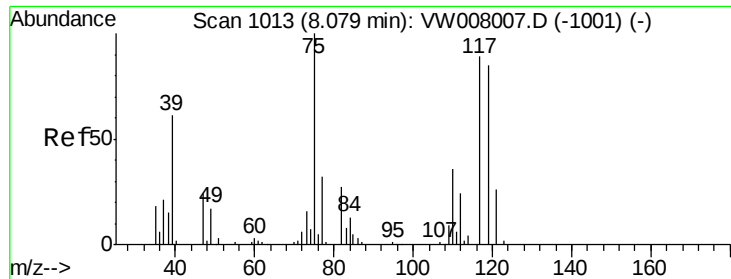


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

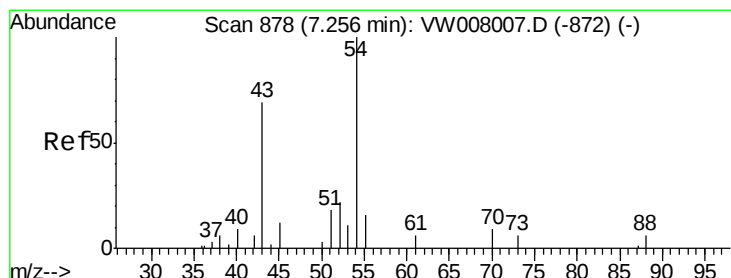
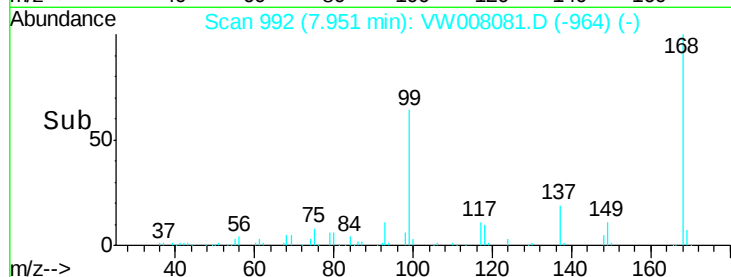
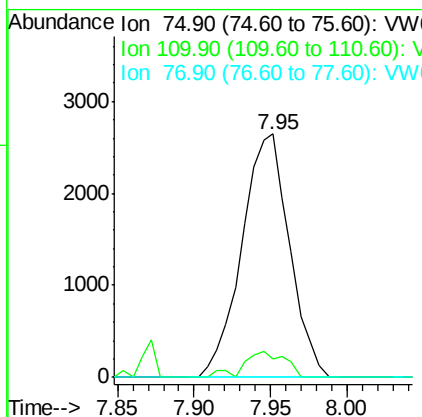
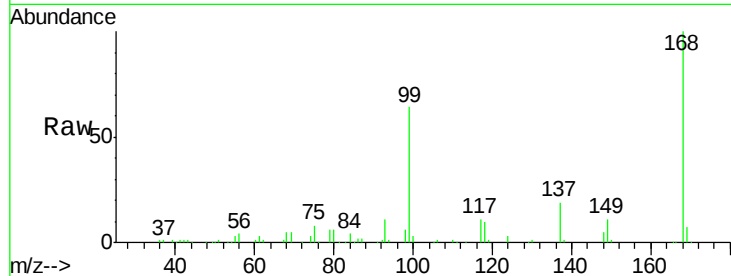




#36
 1,1-Dichloropropene
 Concen: 4.794 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW008081.D
 Acq: 07 Jan 2019 20:21

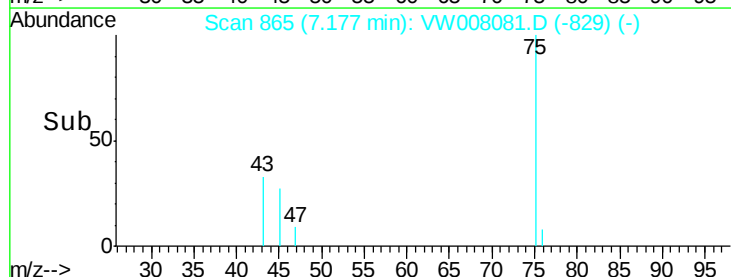
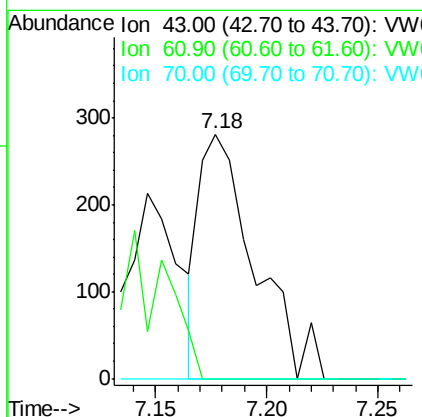
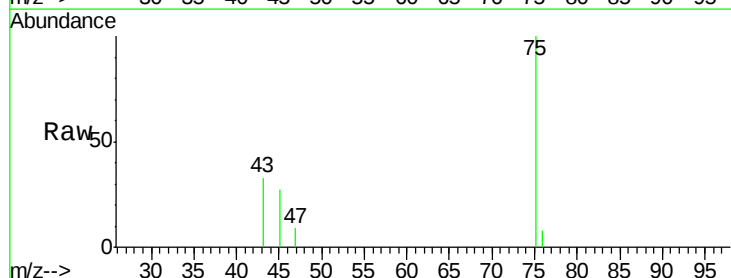
Instrument :
 MSVOA_W
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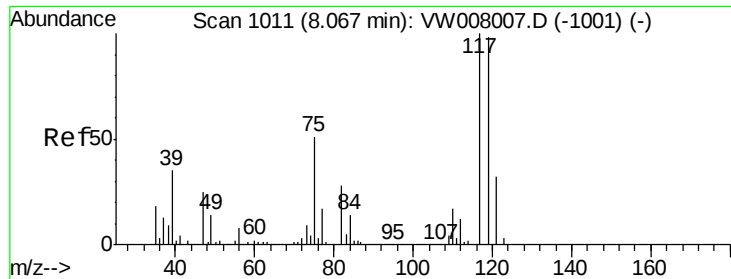
Tot Ion: 75 Resp: 5729
 Ion Ratio Lower Upper
 75 100
 110 9.2 18.1 54.3#
 77 0.0 25.3 37.9#



#37
 Ethyl Acetate
 Concen: 1.357 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.08 min
 Lab File: VW008081.D
 Acq: 07 Jan 2019 20:21

Tgt Ion: 43 Resp: 487
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.4 17.2#
 70 0.0 9.4 14.0#

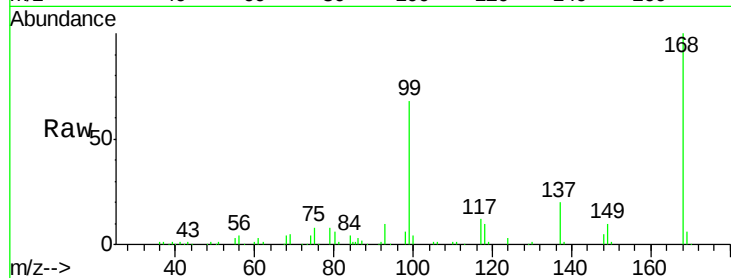




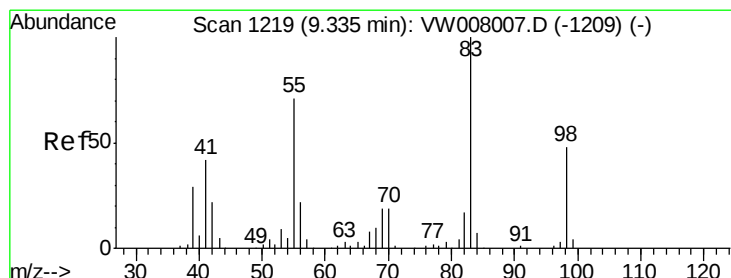
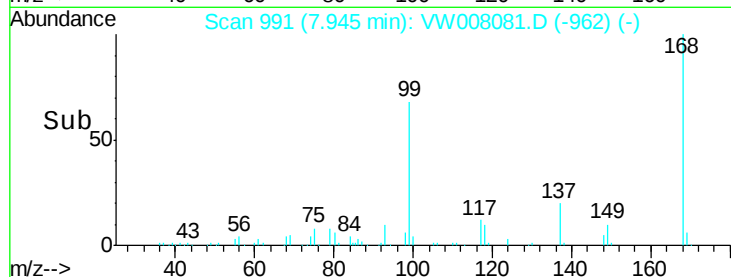
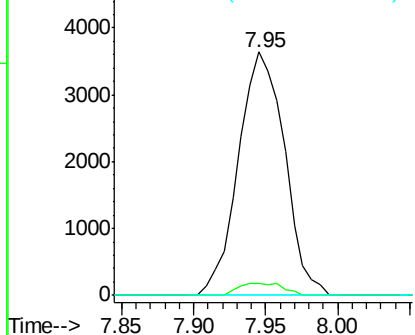
#38
Carbon Tetrachloride
Concen: 5.650 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW008081.D
Acq: 07 Jan 2019 20:21

Instrument :
MSVOA_W
ClientSampleId :
CPSB-3(15-20)

Tot Ion:117 Resp: 8092
Ion Ratio Lower Upper
117 100
119 5.0 78.7 118.1#
121 0.0 25.8 38.8#

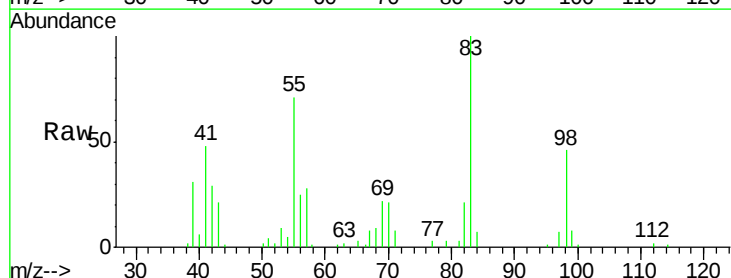


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

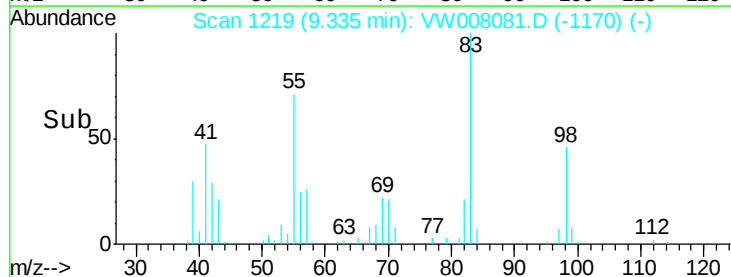
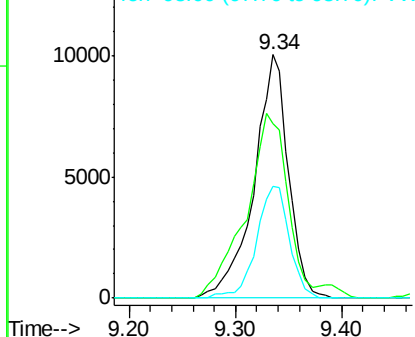


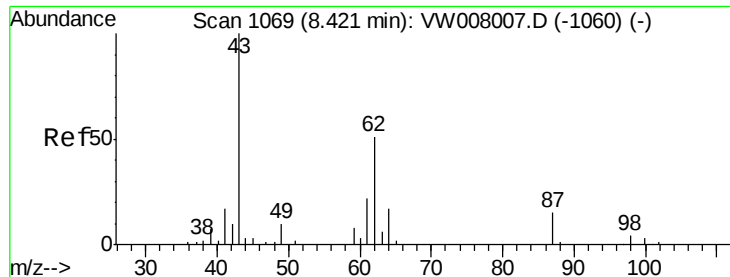
#39
Methylcyclohexane
Concen: 15.213 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008081.D
Acq: 07 Jan 2019 20:21

Tgt Ion: 83 Resp: 22662
Ion Ratio Lower Upper
83 100
55 71.4 56.8 85.2
98 46.0 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





#43

Isopropyl Acetate

Concen: 1.364 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW008081.D

Acq: 07 Jan 2019 20:21

Instrument :

MSVOA_W

ClientSampled :

CPSB-3(15-20)

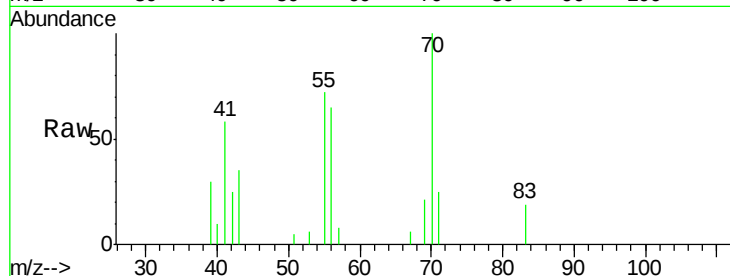
Tot Ion: 43 Resp: 978

Ion Ratio Lower Upper

43 100

61 0.0 26.4 39.6#

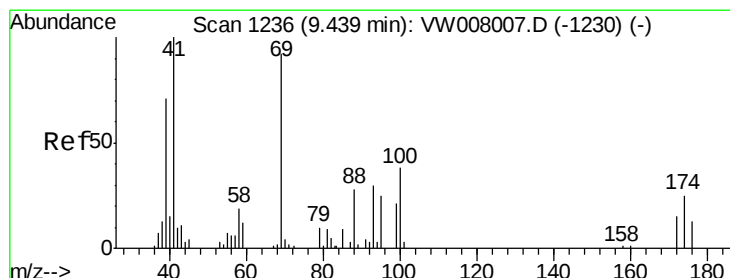
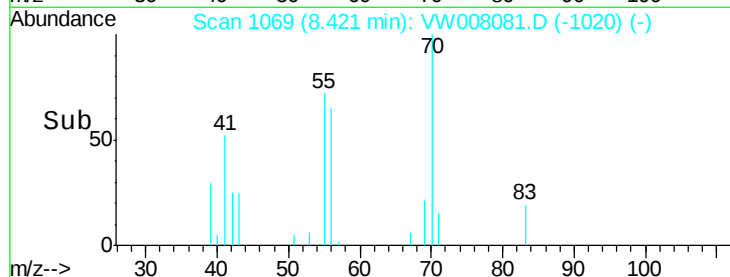
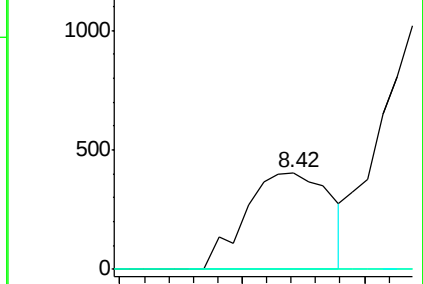
87 0.0 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#48

Methyl methacrylate

Concen: 3.075 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. 0.03 min

Lab File: VW008081.D

Acq: 07 Jan 2019 20:21

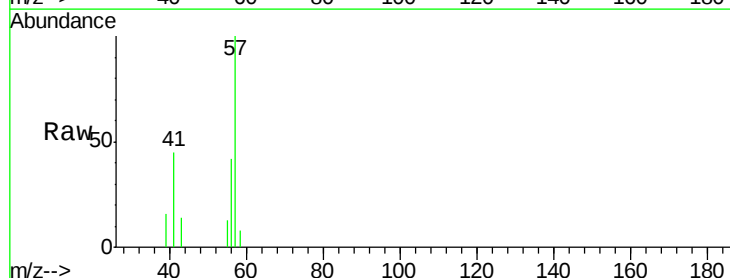
Tgt Ion: 41 Resp: 1112

Ion Ratio Lower Upper

41 100

69 0.0 72.3 108.5#

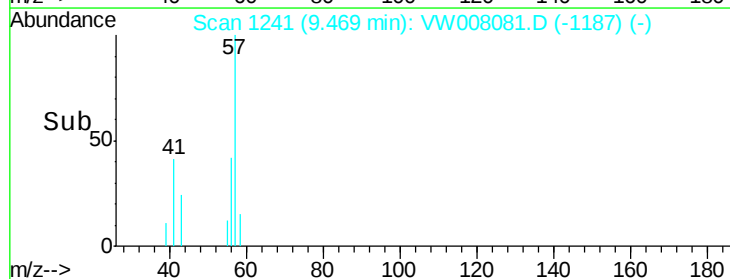
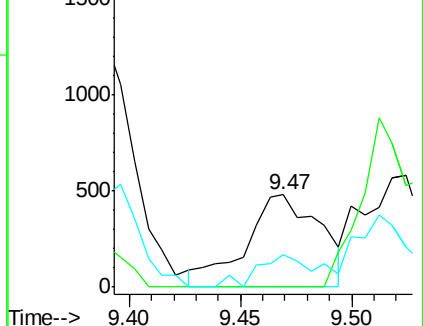
39 22.7 58.7 88.1#

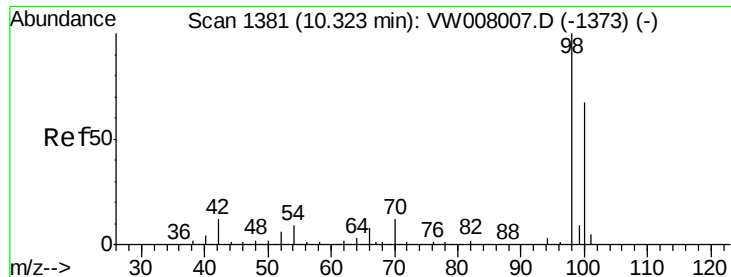


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#50

Toluene-d8

Concen: 45.510 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008081.D

Acq: 07 Jan 2019 20:21

Instrument :

MSVOA_W

ClientSampleId :

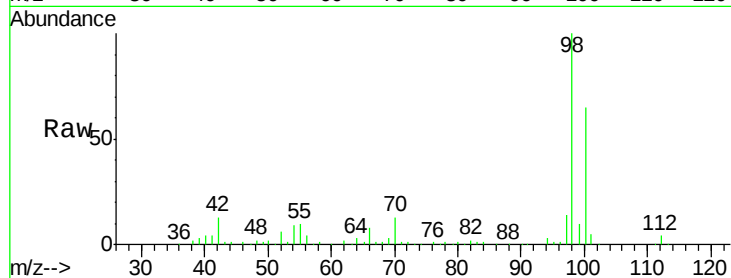
CPSB-3(15-20)

Tot Ion: 98 Resp: 130384

Ion Ratio Lower Upper

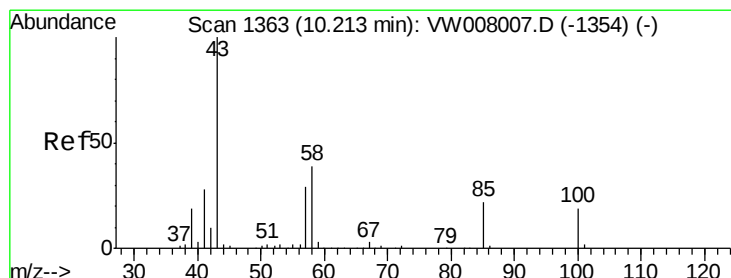
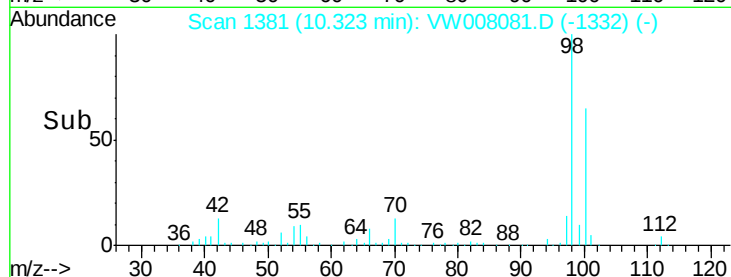
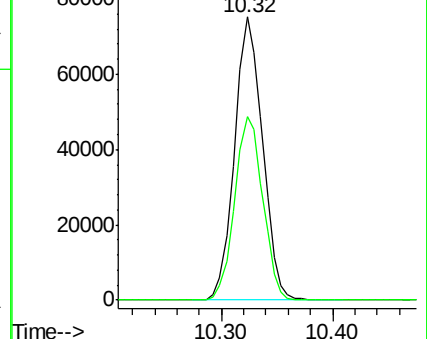
98 100

100 65.1 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 7.870 ug/l

RT: 10.25 min Scan# 1369

Delta R.T. 0.04 min

Lab File: VW008081.D

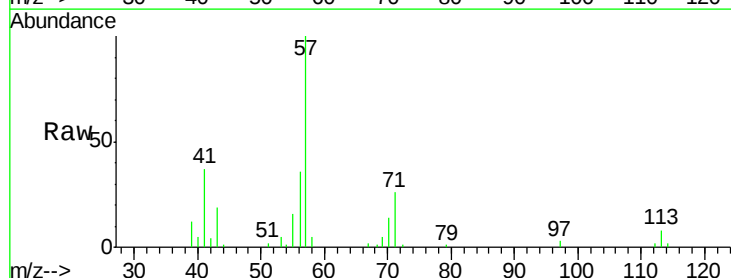
Acq: 07 Jan 2019 20:21

Tgt Ion: 43 Resp: 2613

Ion Ratio Lower Upper

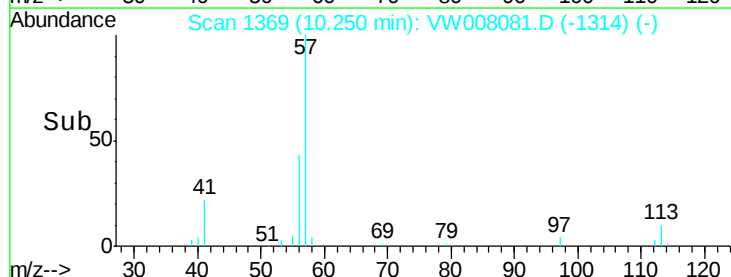
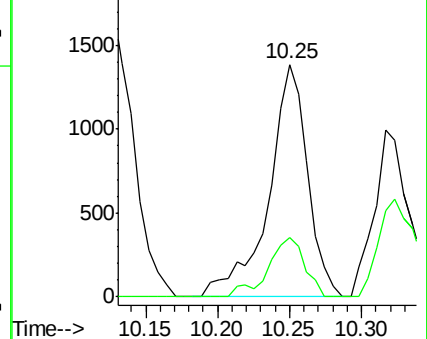
43 100

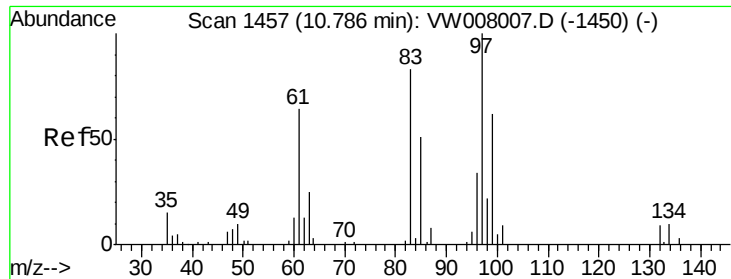
58 24.0 32.0 48.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

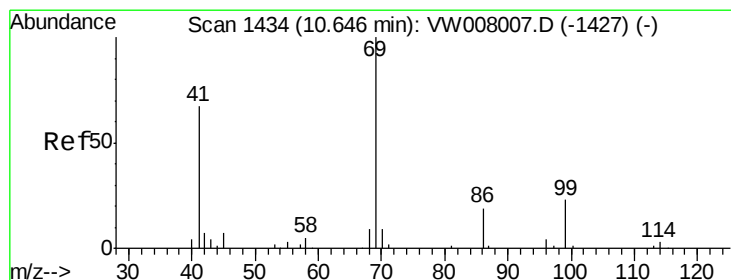
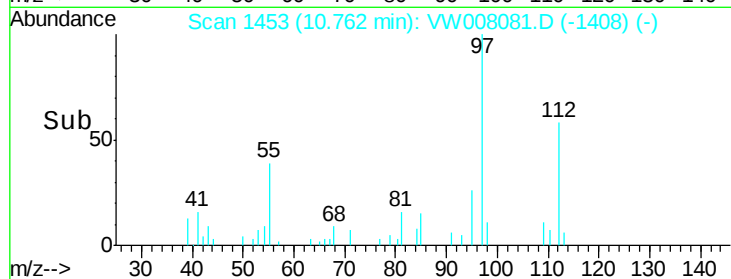
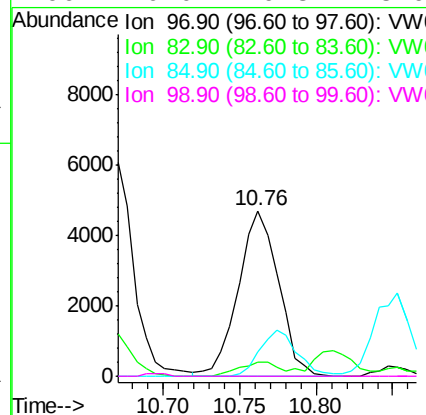
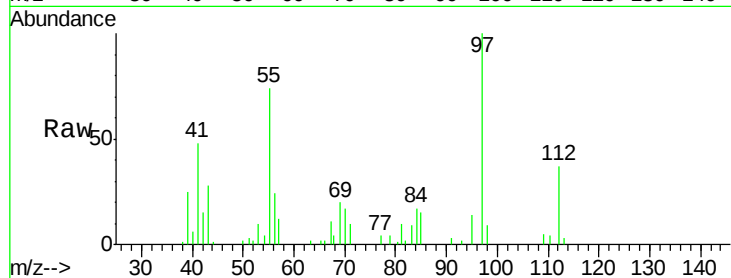




#55
 1,1,2-Trichloroethane
 Concen: 15.926 ug/l
 RT: 10.76 min Scan# 1453
 Delta R.T. -0.02 min
 Lab File: VW008081.D
 Acq: 07 Jan 2019 20:21

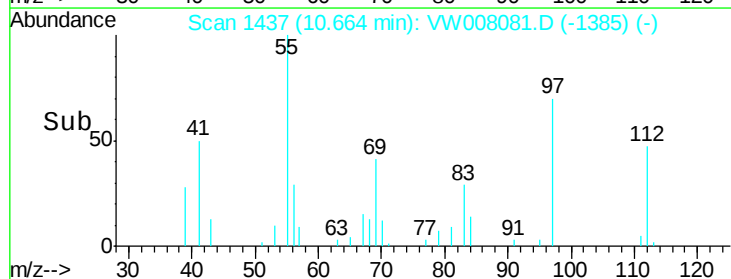
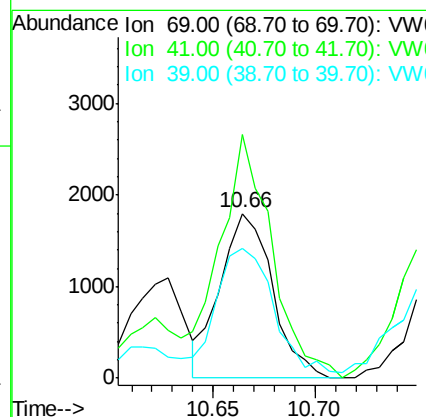
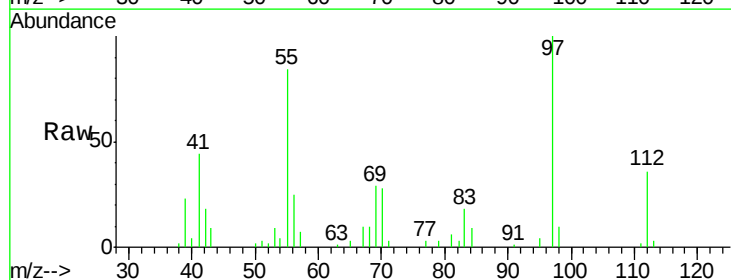
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-3(15-20)

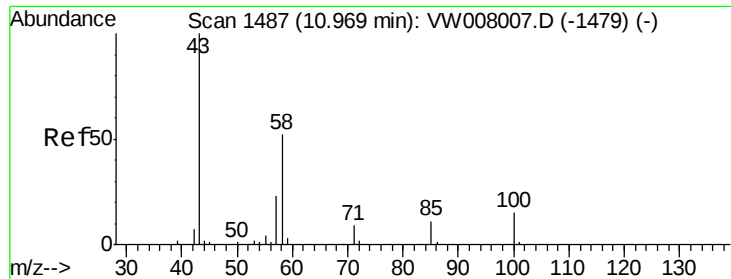
Tot Ion	Ratio	Lower	Upper
97	100		
83	8.7	66.2	99.2#
85	14.8	41.0	61.4#
99	0.0	49.3	73.9#



#56
 Ethyl methacrylate
 Concen: 5.258 ug/l
 RT: 10.66 min Scan# 1437
 Delta R.T. 0.02 min
 Lab File: VW008081.D
 Acq: 07 Jan 2019 20:21

Tgt Ion	Ratio	Lower	Upper
69	100		
41	149.1	52.6	79.0#
39	82.0	35.8	53.6#

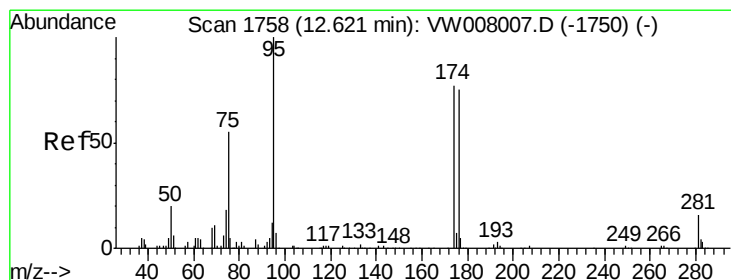
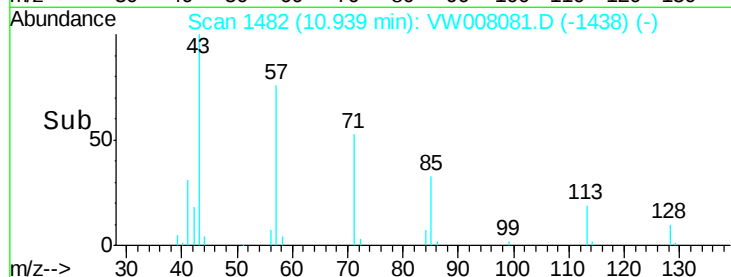
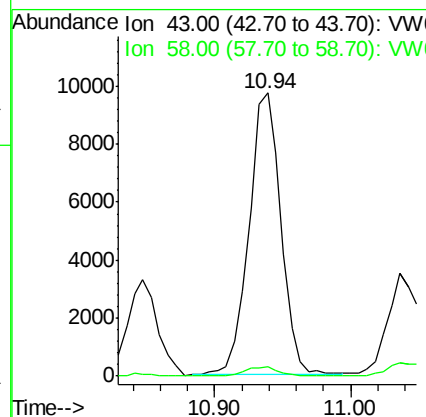
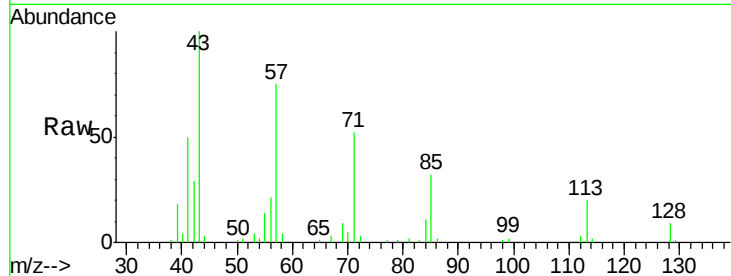




#59
2-Hexanone
Concen: 69.491 ug/l
RT: 10.94 min Scan# 1482
Delta R.T. -0.03 min
Lab File: VW008081.D
Acq: 07 Jan 2019 20:21

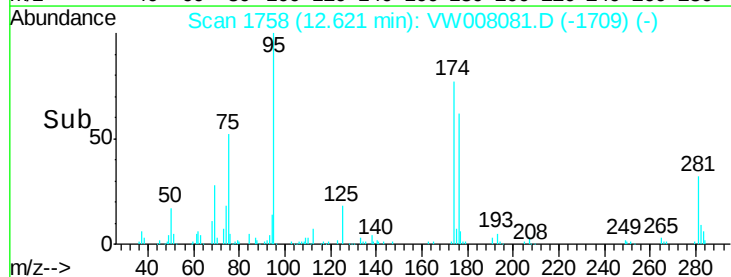
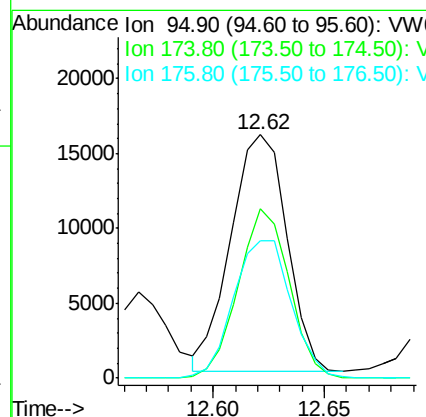
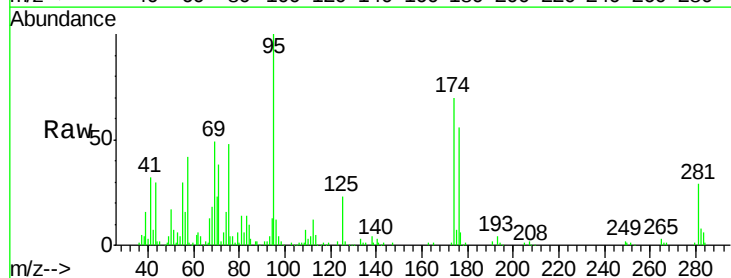
Instrument :
MSVOA_W
ClientSampleId :
CPSB-3(15-20)

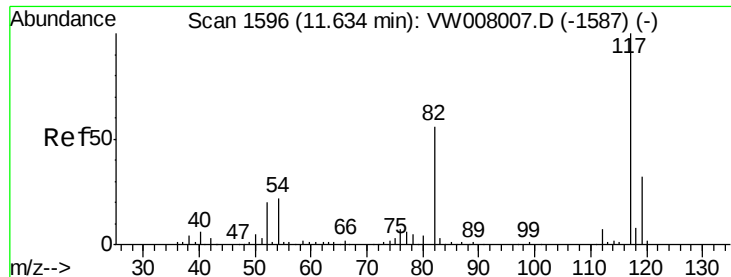
Tot Ion: 43 Resp: 15928
Ion Ratio Lower Upper
43 100
58 3.5 27.1 81.2#



#62
4-Bromofluorobenzene
Concen: 25.126 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008081.D
Acq: 07 Jan 2019 20:21

Tgt Ion: 95 Resp: 27606
Ion Ratio Lower Upper
95 100
174 65.5 0.0 149.6
176 60.3 0.0 145.4

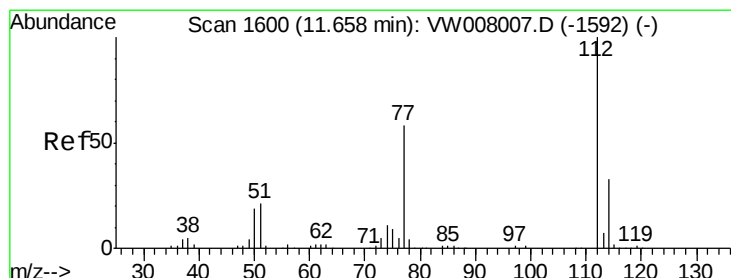
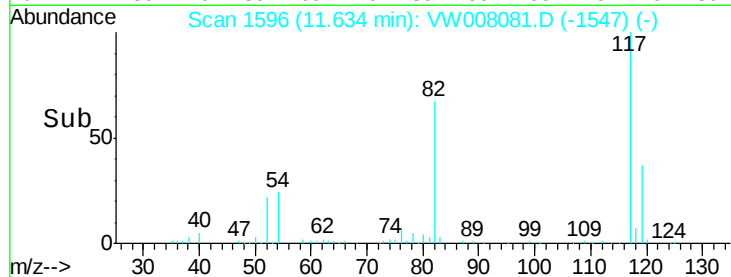
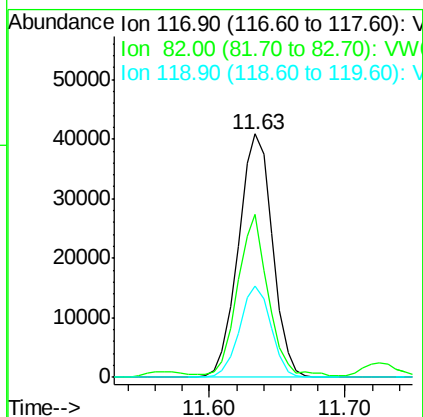
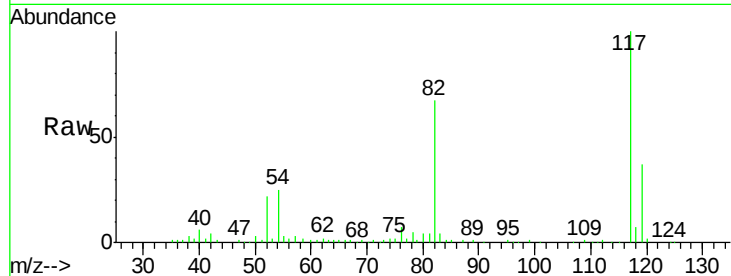




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008081.D
Acq: 07 Jan 2019 20:21

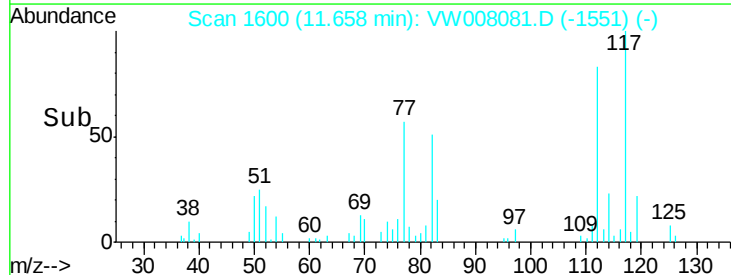
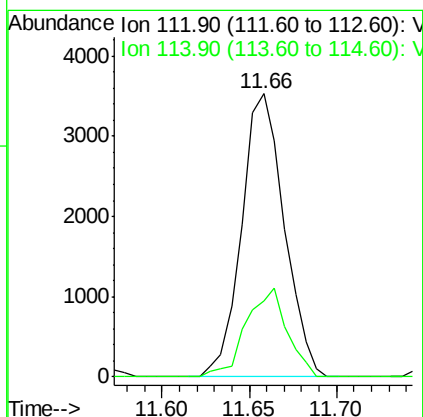
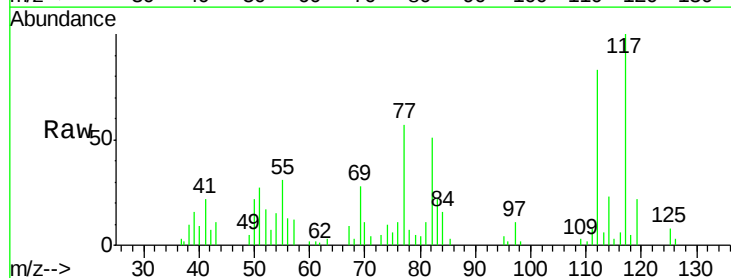
Instrument :
MSVOA_W
ClientSampleId :
CPSB-3(15-20)

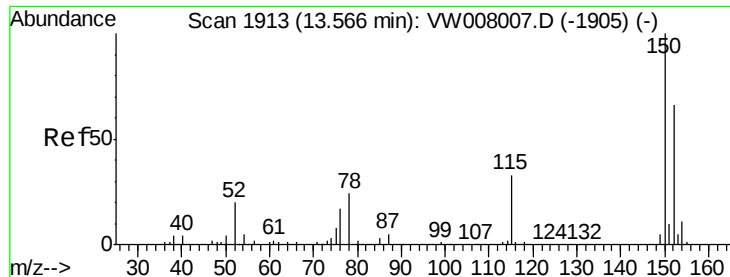
Tot Ion:117 Resp: 71460
Ion Ratio Lower Upper
117 100
82 66.6 44.8 67.2
119 37.3 25.6 38.4



#65
Chlorobenzene
Concen: 3.919 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008081.D
Acq: 07 Jan 2019 20:21

Tgt Ion:112 Resp: 5986
Ion Ratio Lower Upper
112 100
114 27.1 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW008081.D

Acq: 07 Jan 2019 20:21

Instrument :

MSVOA_W

ClientSampleId :

CPSB-3(15-20)

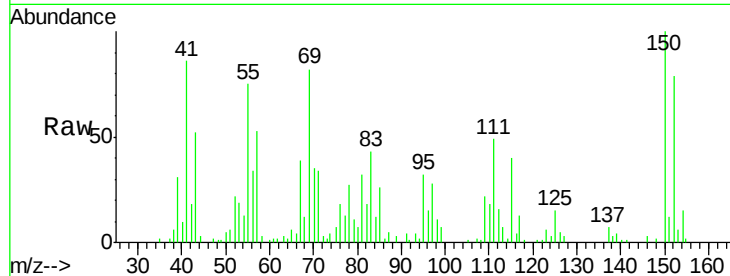
Tot Ion:152 Resp: 13264

Ion Ratio Lower Upper

152 100

115 52.8 32.1 96.5

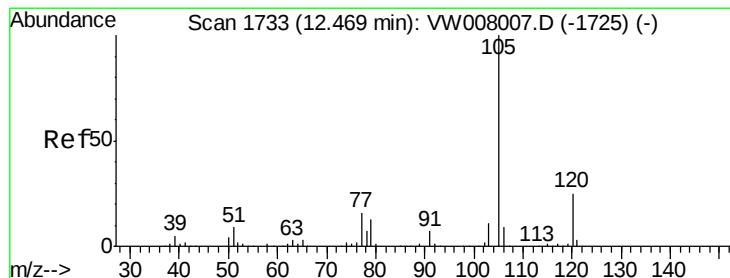
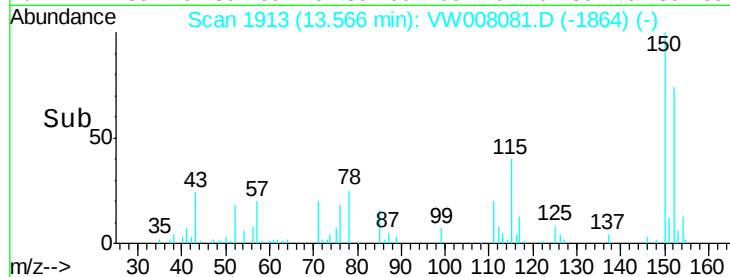
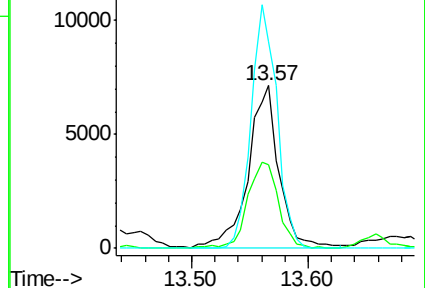
150 125.2 0.0 345.0



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: 4.851 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW008081.D

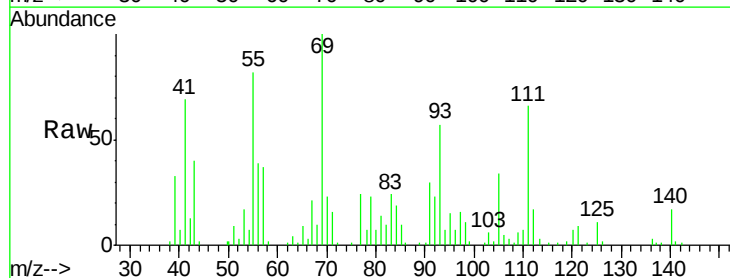
Acq: 07 Jan 2019 20:21

Tgt Ion:105 Resp: 5116

Ion Ratio Lower Upper

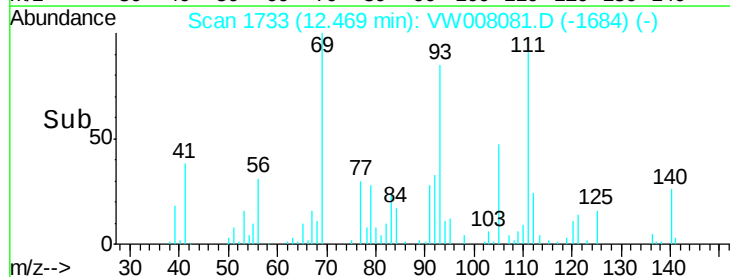
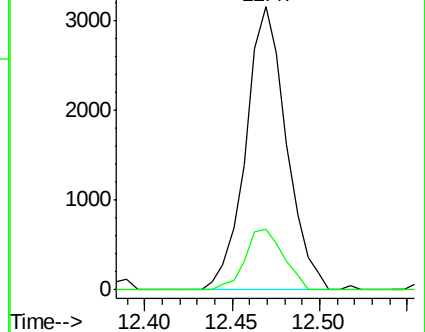
105 100

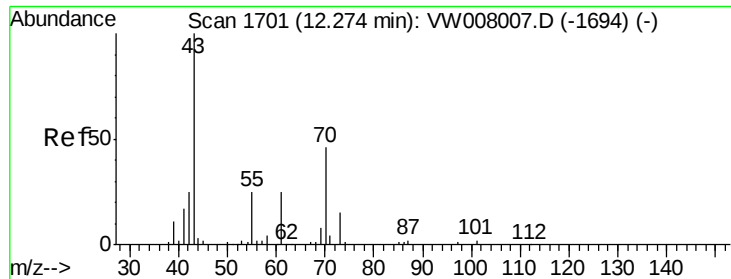
120 20.2 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 232.142 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW008081.D

Acq: 07 Jan 2019 20:21

Instrument :

MSVOA_W

ClientSampleId :

CPSB-3(15-20)

Tot Ion: 43 Resp: 38113

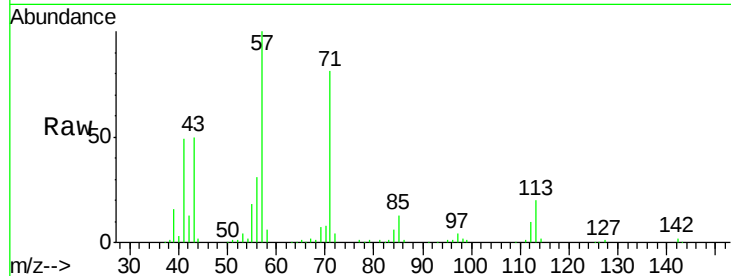
Ion Ratio Lower Upper

43 100

70 23.3 35.2 52.8#

55 18.3 21.4 32.0#

61 0.0 19.4 29.0#

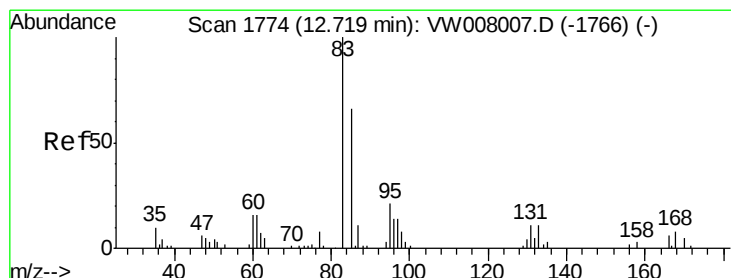
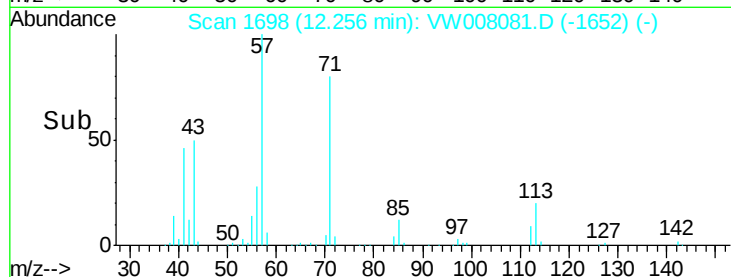
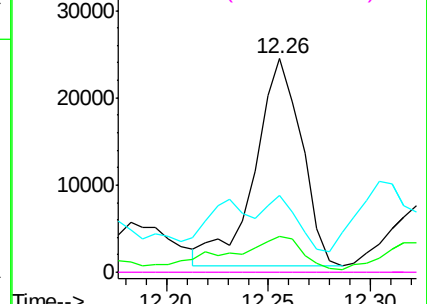


Abundance Ion 43.00 (42.70 to 43.70): VW

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: 19.359 ug/l

RT: 12.69 min Scan# 1769

Delta R.T. -0.03 min

Lab File: VW008081.D

Acq: 07 Jan 2019 20:21

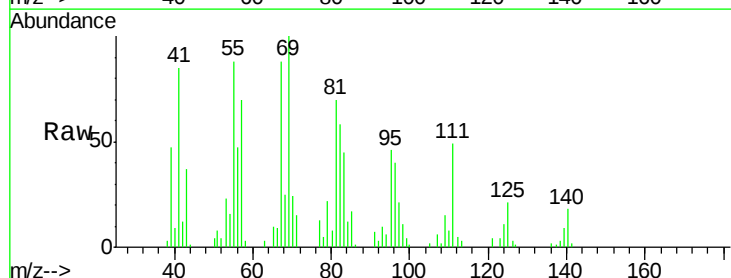
Tgt Ion: 83 Resp: 2598

Ion Ratio Lower Upper

83 100

131 0.0 6.5 19.5#

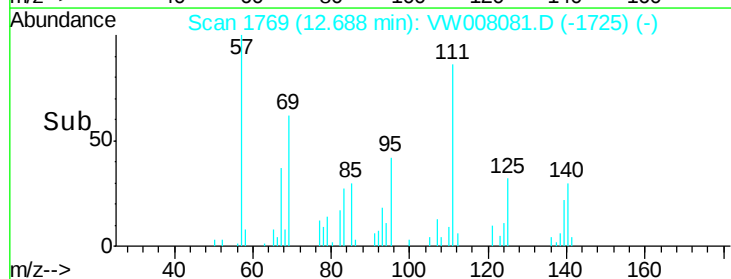
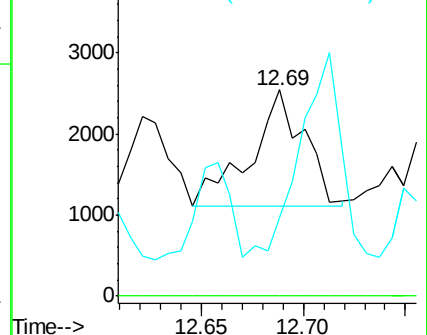
85 0.0 32.8 98.3#

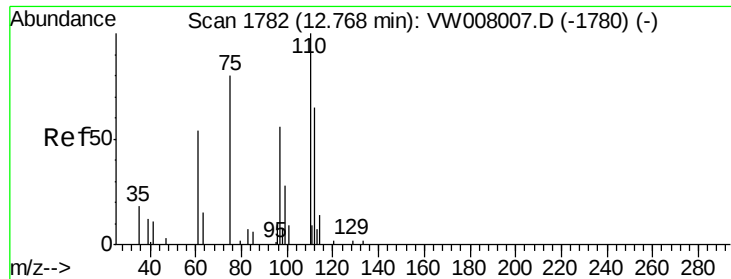


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW





#76

1,2,3-Trichloropropane

Concen: 124.543 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008081.D

Acq: 07 Jan 2019 20:21

Instrument :

MSVOA_W

ClientSampleId :

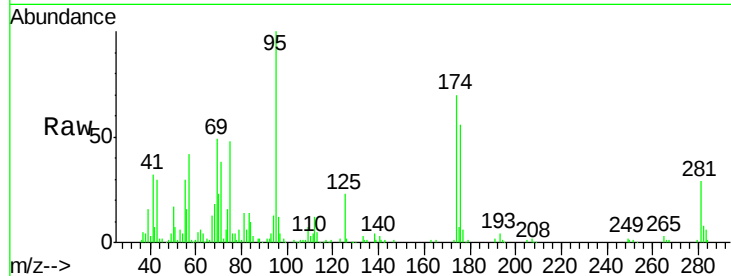
CPSB-3(15-20)

Tot Ion: 75 Resp: 13142

Ion Ratio Lower Upper

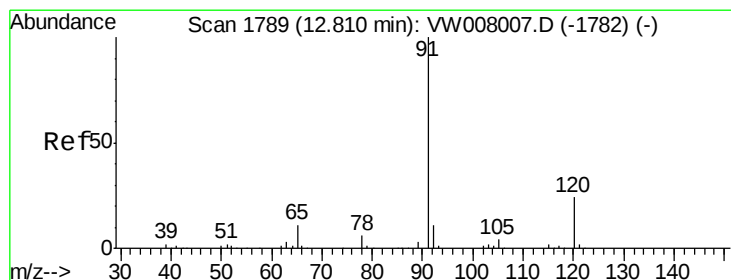
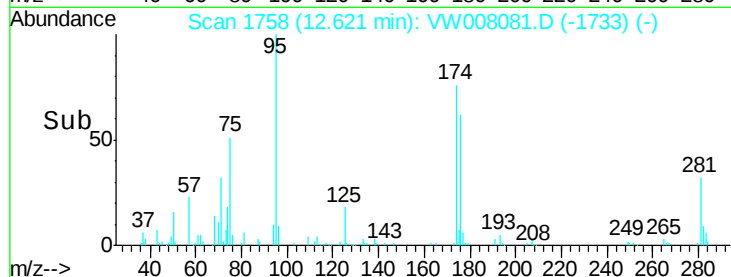
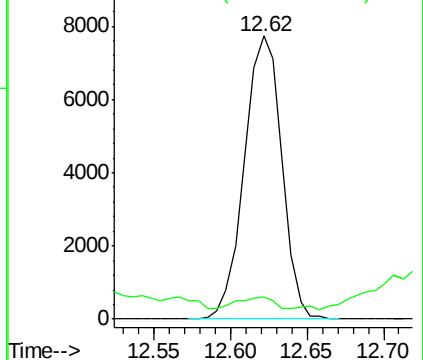
75 100

77 3.7 186.2 558.6#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#78

n-propylbenzene

Concen: 3.414 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW008081.D

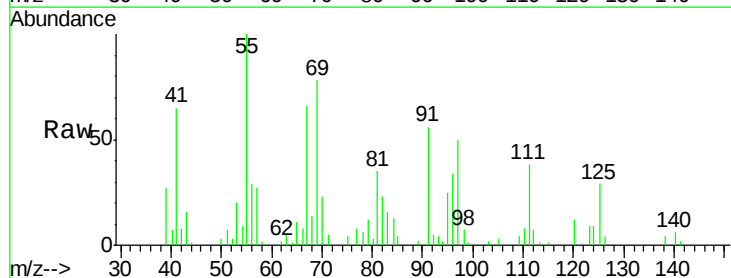
Acq: 07 Jan 2019 20:21

Tgt Ion: 91 Resp: 4175

Ion Ratio Lower Upper

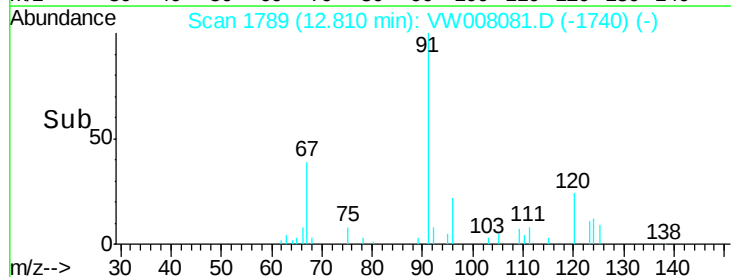
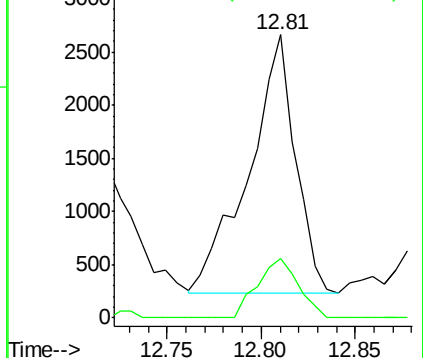
91 100

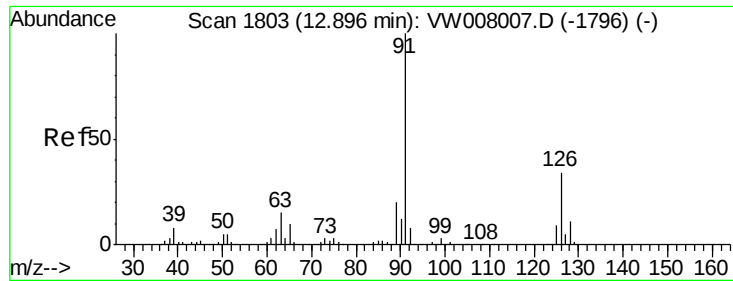
120 20.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): VW

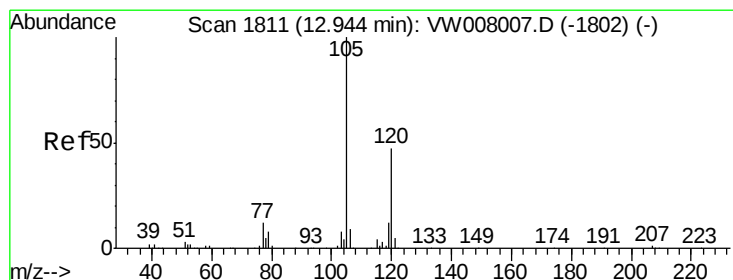
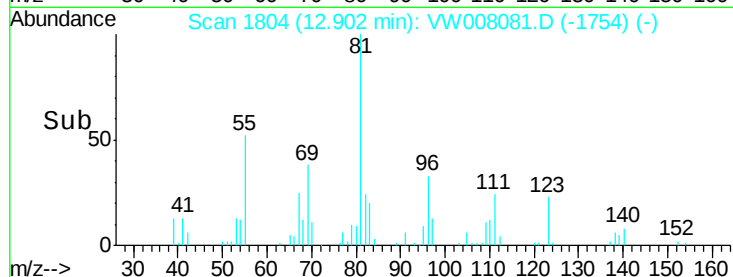
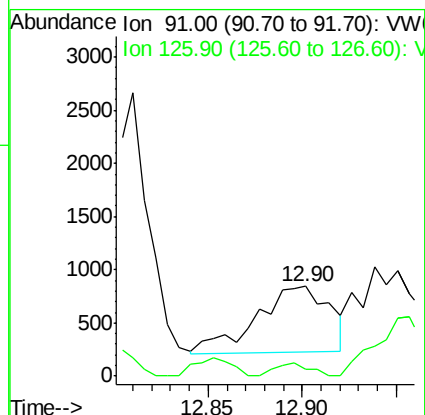
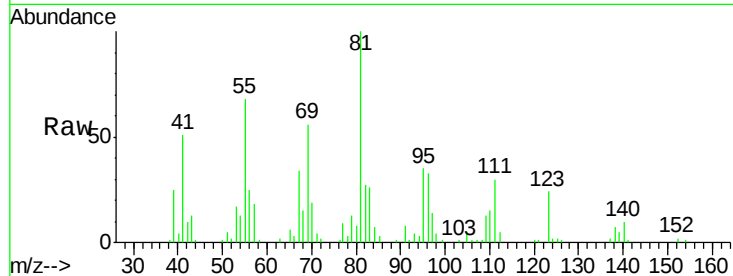




#79
2-Chlorotoluene
Concen: 2.390 ug/l
RT: 12.90 min Scan# 1804
Delta R.T. 0.01 min
Lab File: VW008081.D
Acq: 07 Jan 2019 20:21

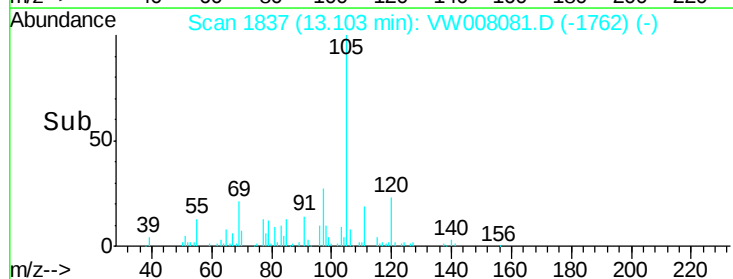
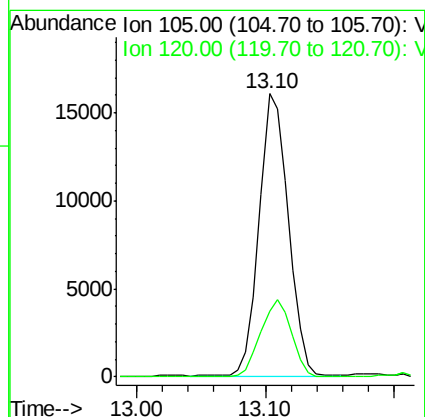
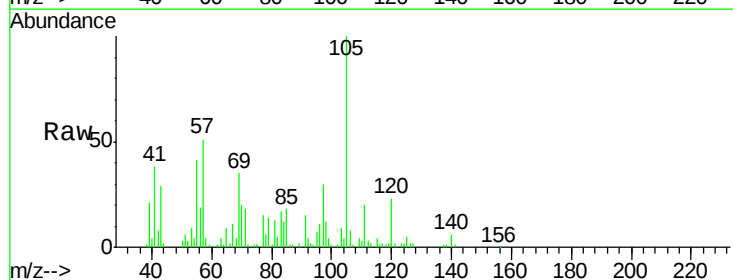
Instrument :
MSVOA_W
ClientSampleId :
CPSB-3(15-20)

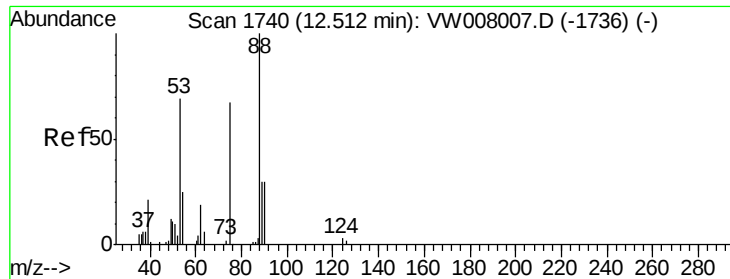
Tot Ion: 91 Resp: 1689
Ion Ratio Lower Upper
91 100
126 8.9 17.1 51.2#



#80
1,3,5-Trimethylbenzene
Concen: 28.034 ug/l
RT: 13.10 min Scan# 1837
Delta R.T. 0.16 min
Lab File: VW008081.D
Acq: 07 Jan 2019 20:21

Tgt Ion:105 Resp: 25451
Ion Ratio Lower Upper
105 100
120 28.5 23.3 69.9





#81

trans-1,4-Dichloro-2-butene

Concen: 294.525 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008081.D

Acq: 07 Jan 2019 20:21

Instrument :

MSVOA_W

ClientSampleId :

CPSB-3(15-20)

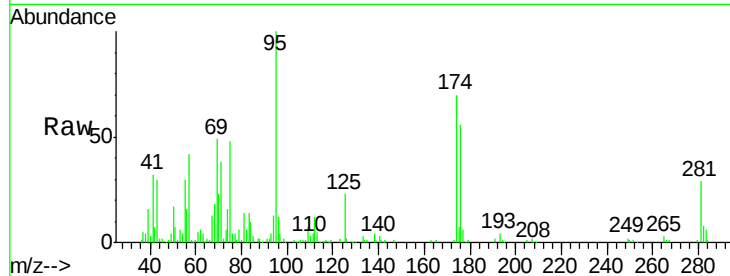
Tot Ion: 75 Resp: 13142

Ion Ratio Lower Upper

75 100

53 7.2 87.6 131.4#

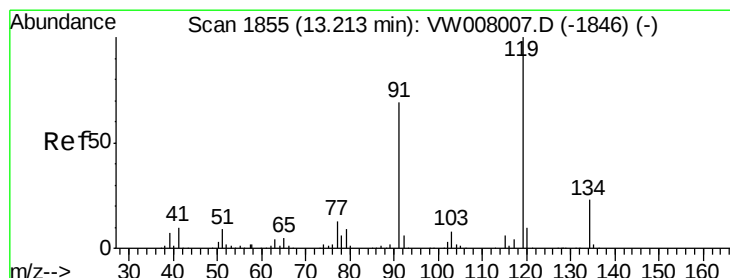
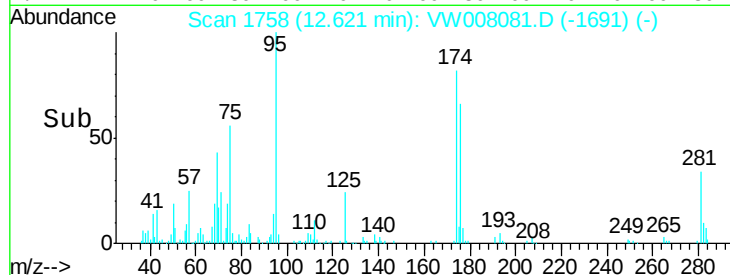
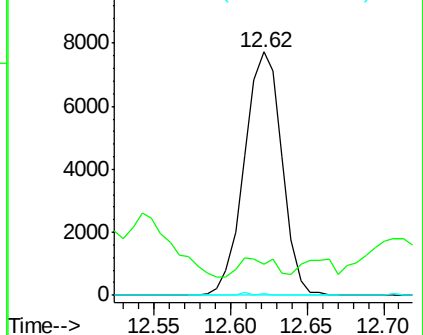
89 0.4 42.2 63.2#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#83

tert-Butylbenzene

Concen: 3.505 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW008081.D

Acq: 07 Jan 2019 20:21

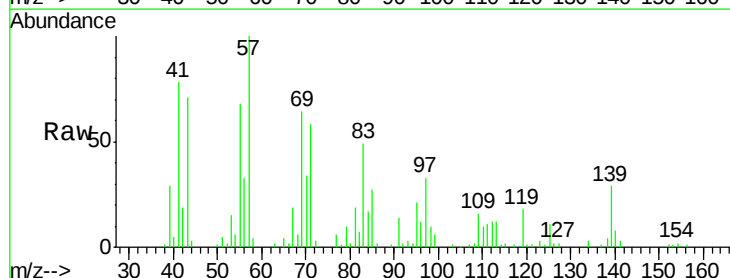
Tgt Ion: 119 Resp: 2784

Ion Ratio Lower Upper

119 100

91 113.6 34.7 104.1#

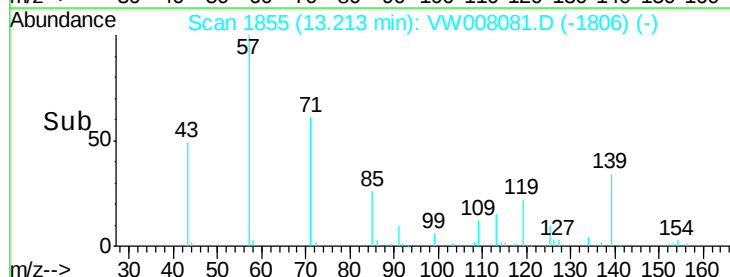
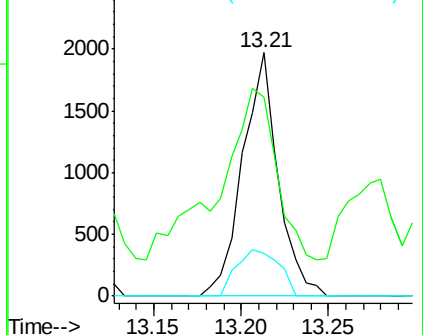
134 22.7 11.5 34.4

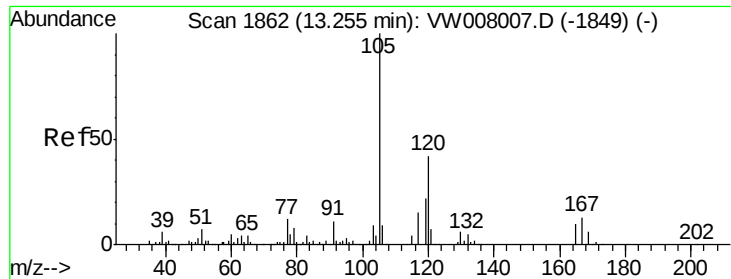


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V

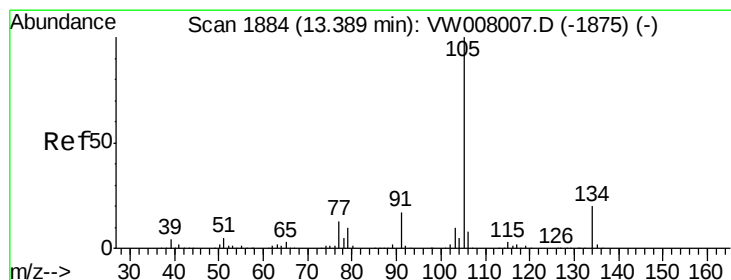
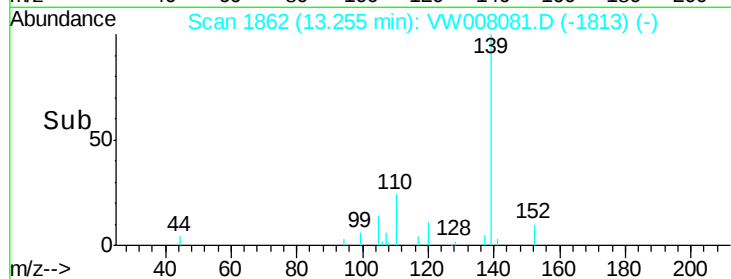
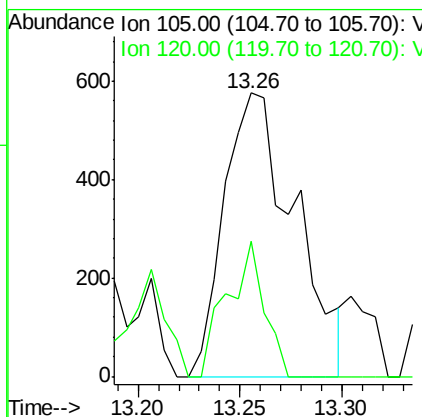
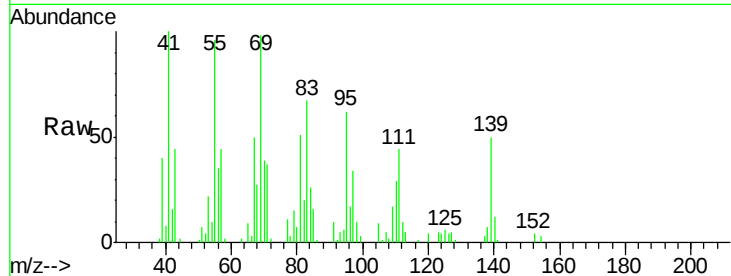




#84
1,2,4-Trimethylbenzene
Concen: 1.508 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008081.D
Acq: 07 Jan 2019 20:21

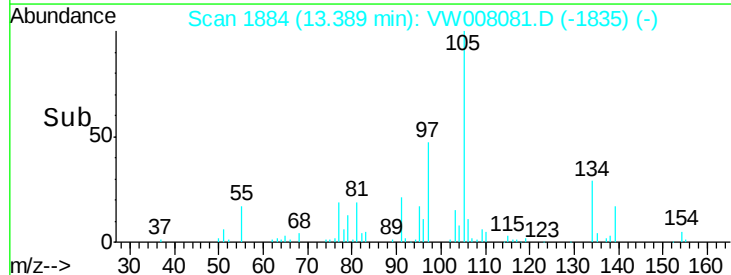
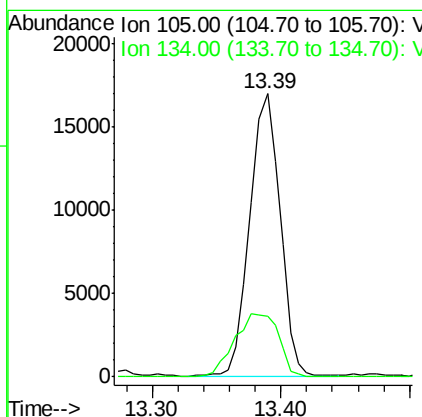
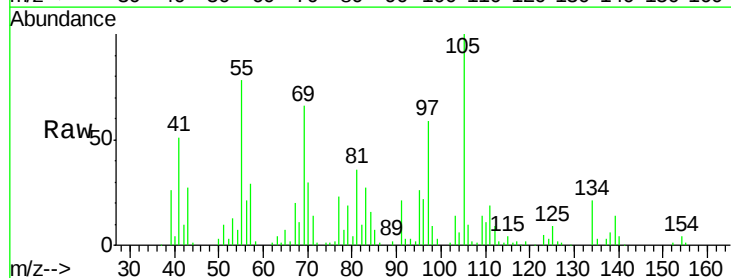
Instrument :
MSVOA_W
ClientSampleId :
CPSB-3(15-20)

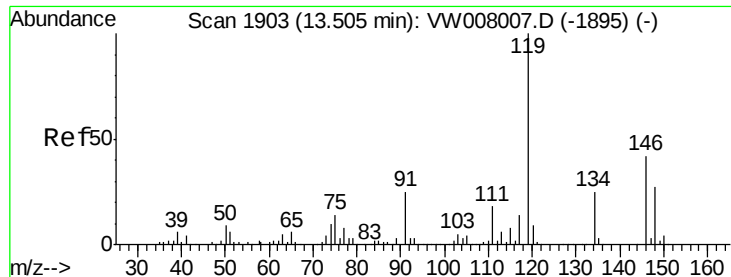
Tot Ion:105 Resp: 1387
Ion Ratio Lower Upper
105 100
120 25.2 21.5 64.5



#85
sec-Butylbenzene
Concen: 25.615 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VW008081.D
Acq: 07 Jan 2019 20:21

Tgt Ion:105 Resp: 27989
Ion Ratio Lower Upper
105 100
134 32.0 9.7 28.9#

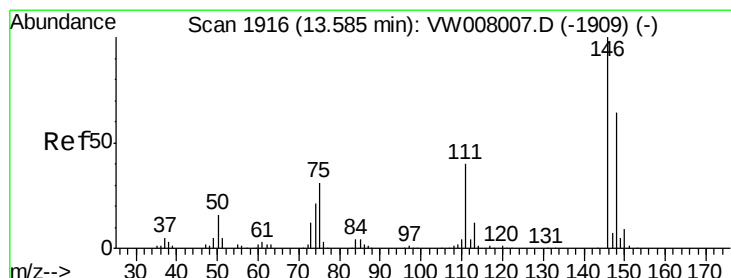
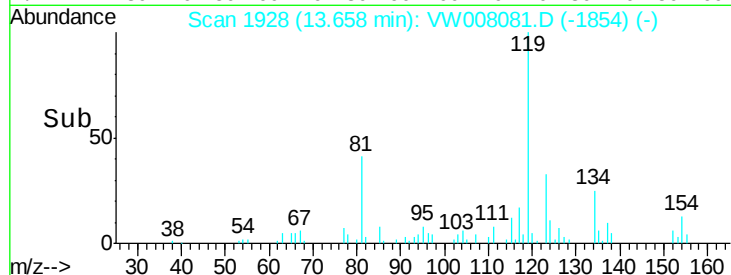
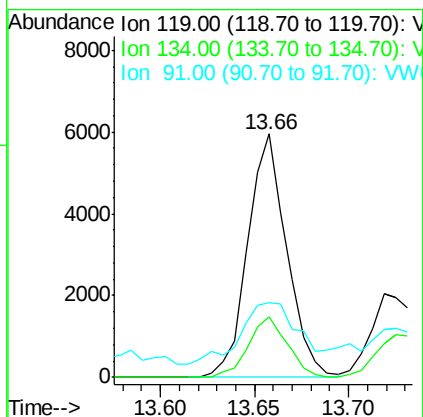
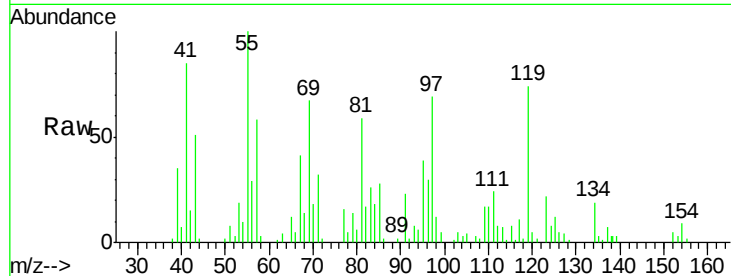




#86
p-Isopropyltoluene
Concen: 8.663 ug/l
RT: 13.66 min Scan# 1928
Delta R.T. 0.15 min
Lab File: VW008081.D
Acq: 07 Jan 2019 20:21

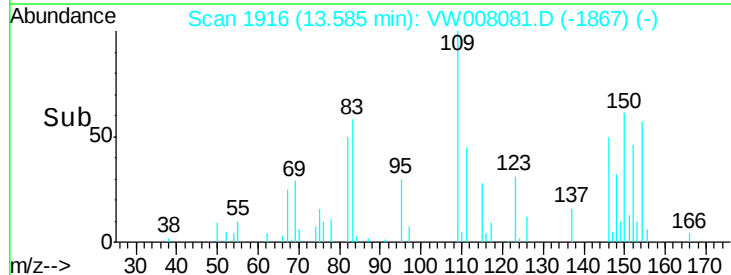
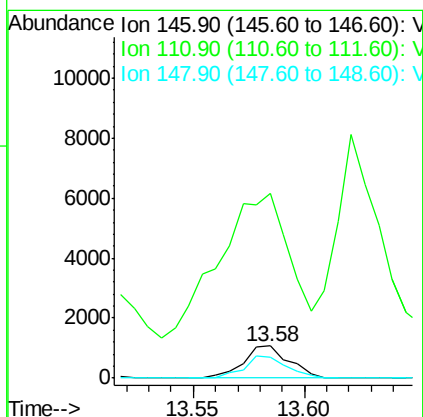
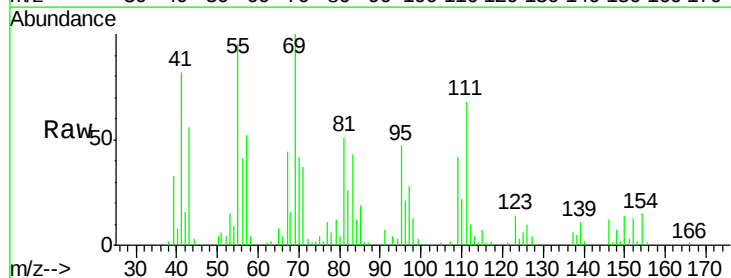
Instrument :
MSVOA_W
ClientSampleId :
CPSB-3(15-20)

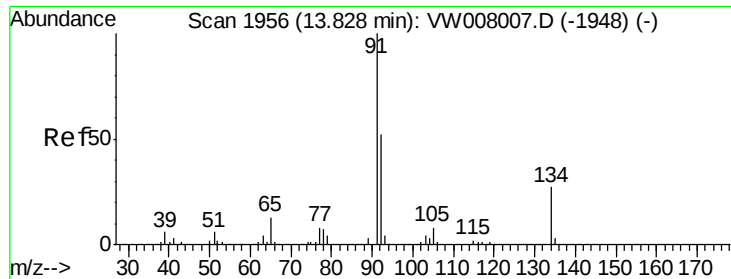
Tot Ion:119 Resp: 8538
Ion Ratio Lower Upper
119 100
134 24.6 12.5 37.5
91 38.0 13.1 39.3



#88
1,4-Dichlorobenzene
Concen: 3.343 ug/l
RT: 13.58 min Scan# 1916
Delta R.T. 0.00 min
Lab File: VW008081.D
Acq: 07 Jan 2019 20:21

Tgt Ion:146 Resp: 1514
Ion Ratio Lower Upper
146 100
111 701.0 20.9 62.8#
148 64.3 31.9 95.9





#89

n-Butylbenzene

Concen: 20.337 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008081.D

Acq: 07 Jan 2019 20:21

Instrument :

MSVOA_W

ClientSampleId :

CPSB-3(15-20)

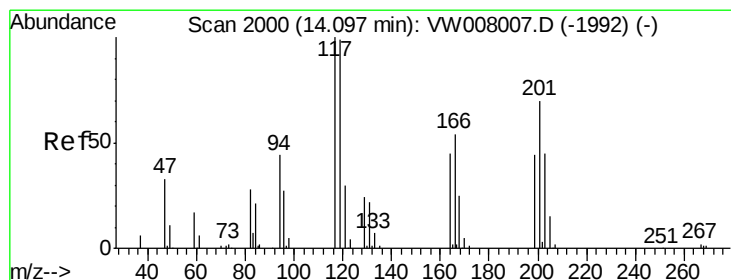
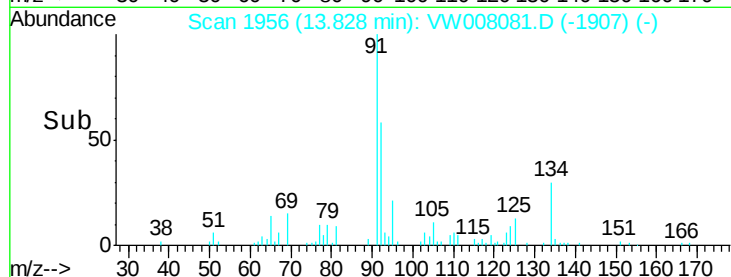
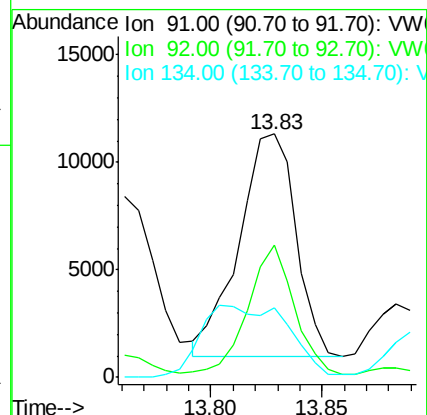
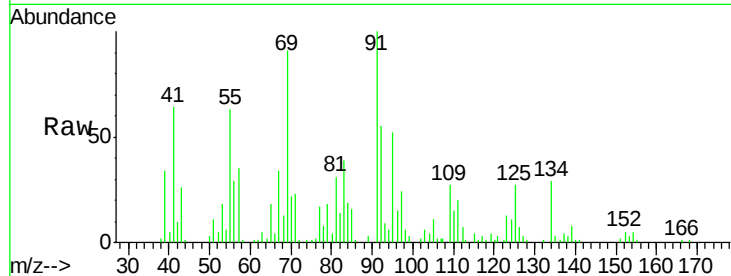
Tot Ion: 91 Resp: 18334

Ion Ratio Lower Upper

91 100

92 47.7 26.4 79.2

134 0.0 13.4 40.2#



#90

Hexachloroethane

Concen: 37.224 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW008081.D

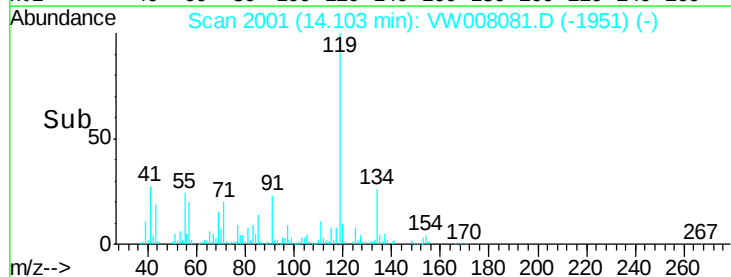
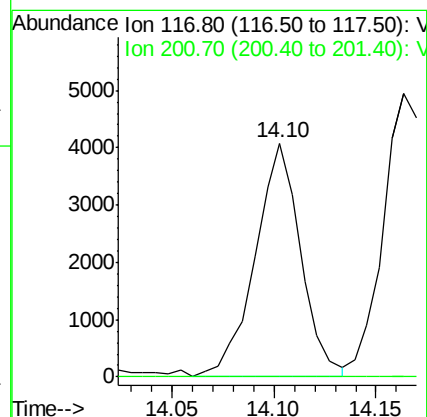
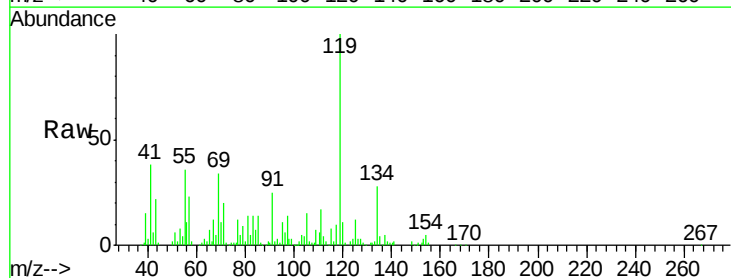
Acq: 07 Jan 2019 20:21

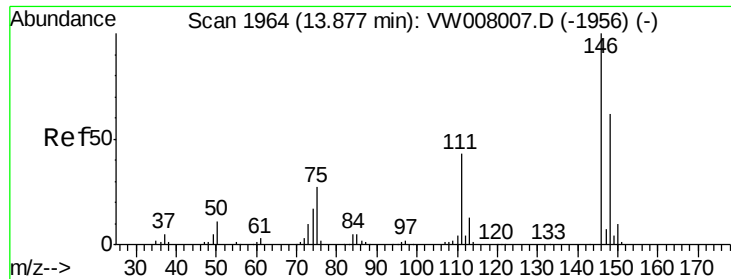
Tgt Ion: 117 Resp: 6366

Ion Ratio Lower Upper

117 100

201 0.0 37.1 111.5#

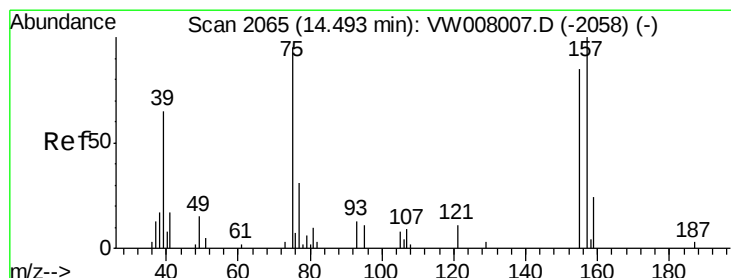
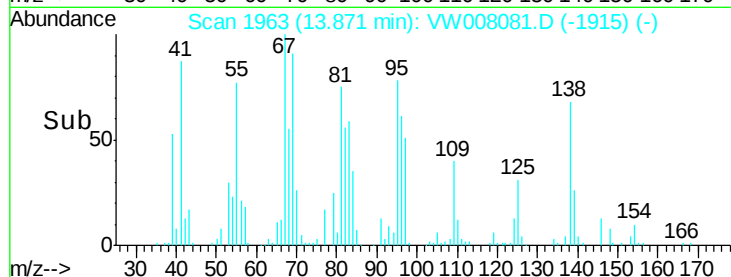
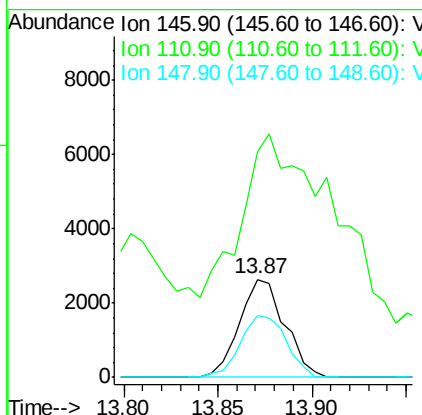
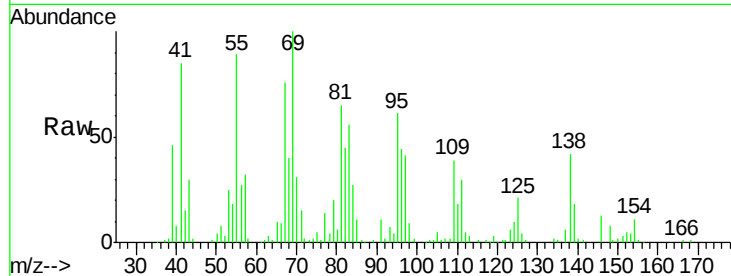




#91
 1,2-Dichlorobenzene
 Concen: 10.914 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: VW008081.D
 Acq: 07 Jan 2019 20:21

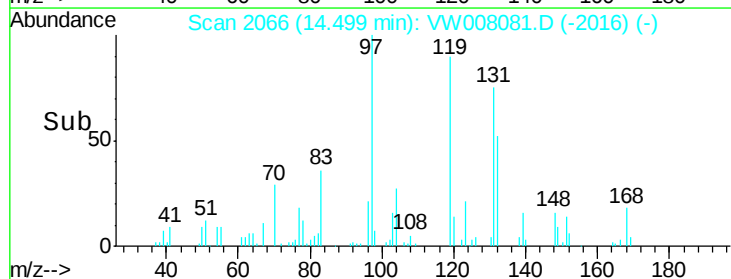
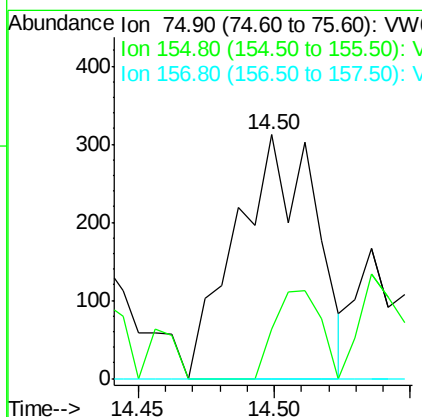
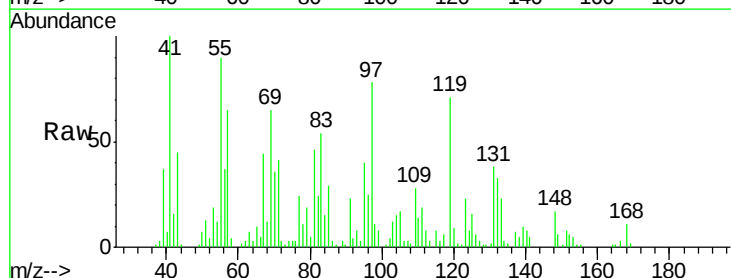
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-3(15-20)

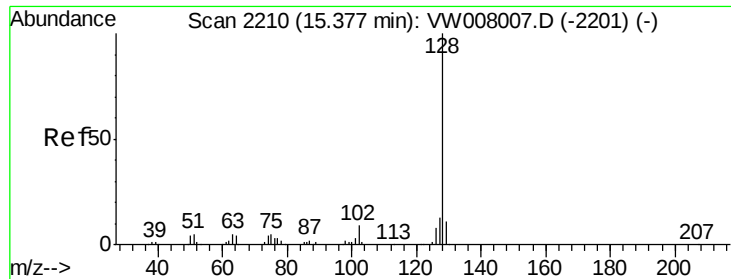
Tot Ion:146 Resp: 4387
 Ion Ratio Lower Upper
 146 100
 111 389.6 22.6 67.7#
 148 63.6 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.946 ug/l
 RT: 14.50 min Scan# 2066
 Delta R.T. 0.01 min
 Lab File: VW008081.D
 Acq: 07 Jan 2019 20:21

Tgt Ion: 75 Resp: 625
 Ion Ratio Lower Upper
 75 100
 155 21.3 42.4 127.1#
 157 0.0 52.3 156.8#

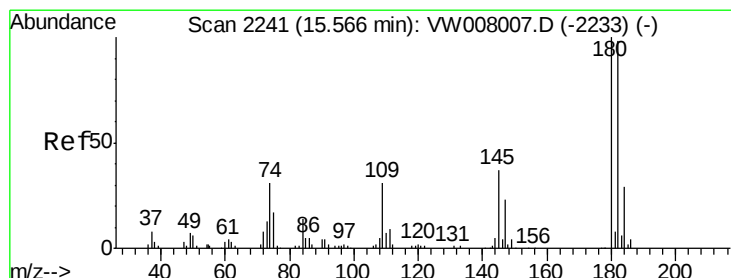
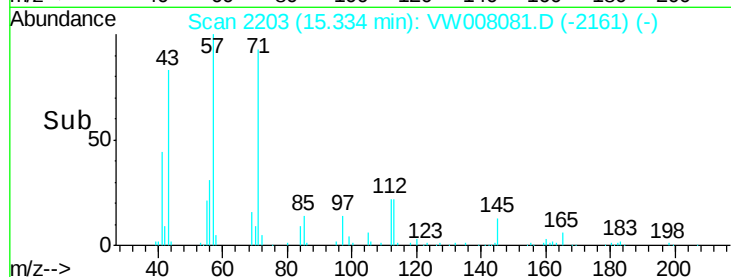
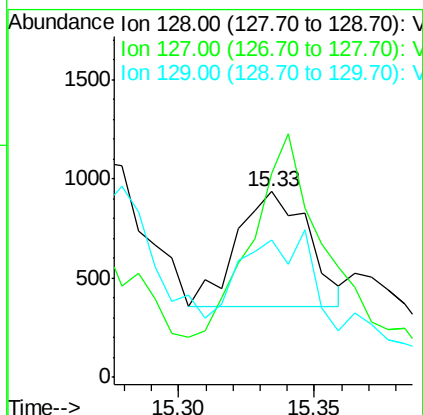
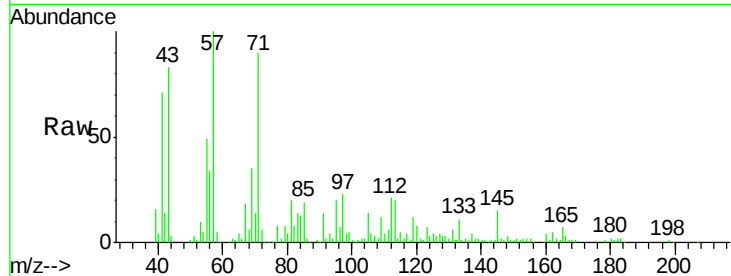




#95
Naphthalene
Concen: 2.217 ug/l
RT: 15.33 min Scan# 2203
Delta R.T. -0.04 min
Lab File: VW008081.D
Acq: 07 Jan 2019 20:21

Instrument :
MSVOA_W
ClientSampleId :
CPSB-3(15-20)

Tot Ion:128 Resp: 1066
Ion Ratio Lower Upper
128 100
127 191.3 10.8 16.2#
129 115.9 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 3.358 ug/l
RT: 15.58 min Scan# 2244
Delta R.T. 0.02 min
Lab File: VW008081.D
Acq: 07 Jan 2019 20:21

Tgt Ion:180 Resp: 780
Ion Ratio Lower Upper
180 100
182 0.0 47.9 143.8#
145 0.0 18.7 56.1#

