

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010419\
 Data File : VW008049.D
 Acq On : 04 Jan 2019 15:56
 Operator : SY/AP
 Sample : K1044-05
 Misc : 5.09G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jan 05 00:37:36 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	65748	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	112493	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	77085	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	25393	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	41761	57.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.86%	
35) Dibromofluoromethane	7.88	113	35961	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
50) Toluene-d8	10.32	98	125707	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	
62) 4-Bromofluorobenzene	12.62	95	42321	41.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.96%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	5.20	59	163	3.450	ug/l #	71
15) Acrylonitrile	5.45	53	192	1.751	ug/l #	22
16) Acetone	4.14	43	4604	40.899	ug/l	98
18) Methyl Acetate	4.89	43	842	2.884	ug/l #	48
20) Methylene Chloride	4.91	84	3140	2.254	ug/l	86
25) 2-Butanone	7.18	43	1924	14.506	ug/l	97
29) Tetrahydrofuran	7.70	42	704	8.545	ug/l #	1
31) Cyclohexane	7.95	56	10598	9.534	ug/l #	88
36) 1,1-Dichloropropene	7.95	75	5270	4.749	ug/l #	51
37) Ethyl Acetate	7.18	43	1924	5.772	ug/l #	67
38) Carbon Tetrachloride	7.95	117	7212	5.423	ug/l #	14
39) Methylcyclohexane	9.34	83	90168	65.187	ug/l #	78
41) Methacrylonitrile	7.52	41	391	1.995	ug/l #	22
43) Isopropyl Acetate	8.42	43	12267	18.419	ug/l #	49
47) Bromodichloromethane	9.62	83	7166	6.906	ug/l #	45
48) Methyl methacrylate	9.48	41	22557	67.171	ug/l #	25
51) 4-Methyl-2-Pentanone	10.26	43	69029	223.908	ug/l #	79
55) 1,1,2-Trichloroethane	10.76	97	47743	95.181	ug/l #	37
56) Ethyl methacrylate	10.66	69	10086	17.786	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.90	63	3337	12.408	ug/l #	41
59) 2-Hexanone	10.94	43	99398	467.027	ug/l #	31
68) m/p-Xylenes	11.84	106	3186	2.818	ug/l	80
69) o-Xylene	12.17	106	4039	3.840	ug/l	52
73) Isopropylbenzene	12.47	105	236435	117.094	ug/l	99
74) N-amyl acetate	12.26	43	132712	422.233	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	12.69	83	11605	45.170	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	16778	83.054	ug/l #	1
78) n-propylbenzene	12.81	91	11613	4.961	ug/l	93
79) 2-Chlorotoluene	12.90	91	5081	3.755	ug/l #	64
80) 1,3,5-Trimethylbenzene	12.91	105	21473	12.355	ug/l	71
81) trans-1,4-Dichloro-2-buten	12.46	75	3304	38.678	ug/l #	41
82) 4-Chlorotoluene	12.94	91	4733	3.290	ug/l #	46
83) tert-Butylbenzene	13.45	119	14768	9.712	ug/l	70
84) 1,2,4-Trimethylbenzene	13.10	105	100011	56.809	ug/l	78

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

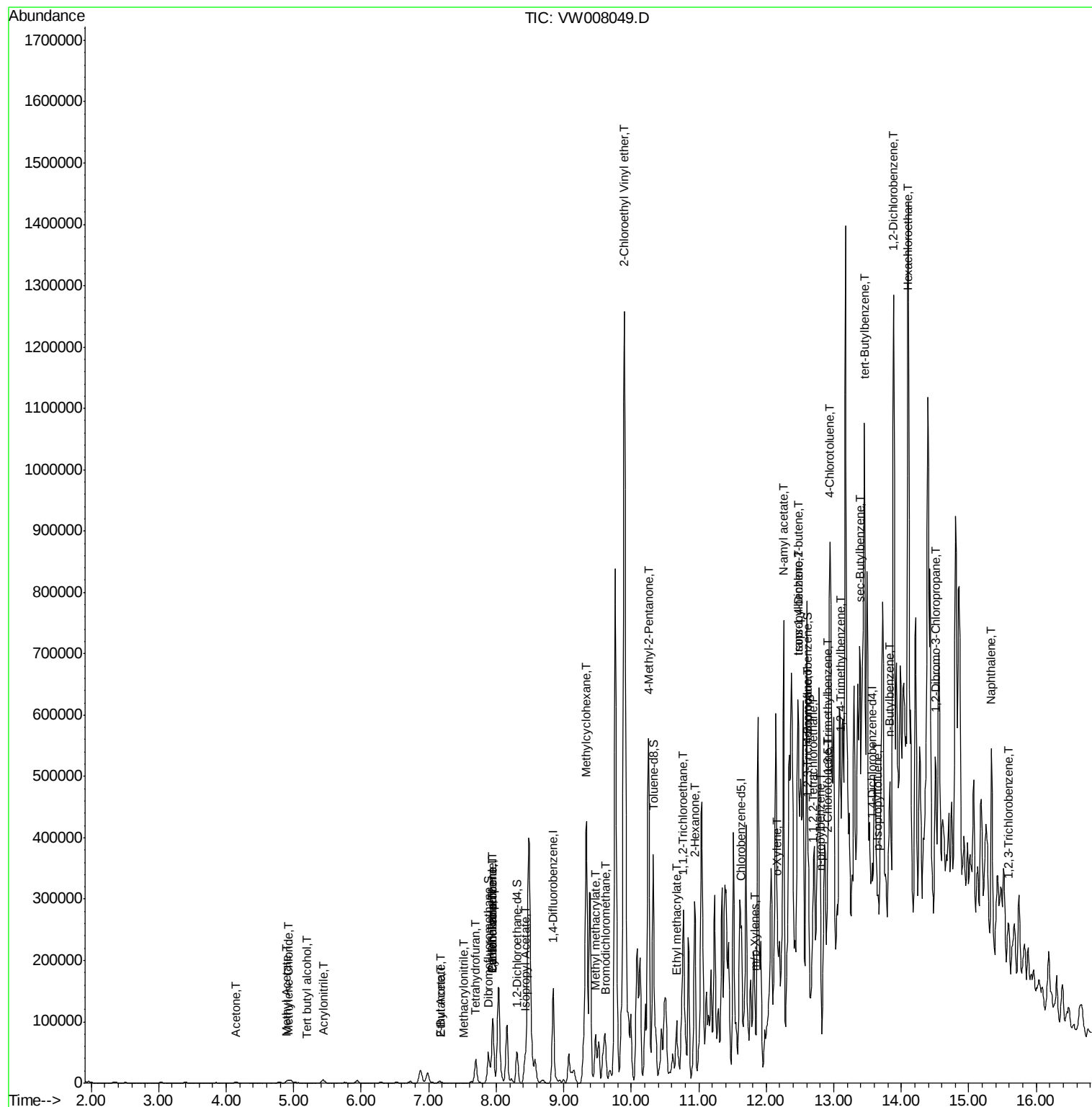
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.39	105	162244	77.560	ug/l #	70
86) p-Isopropyltoluene	13.66	119	30962	16.409	ug/l	93
89) n-Butylbenzene	13.83	91	104305	60.437	ug/l	93
90) Hexachloroethane	14.10	117	51038	155.888	ug/l #	12
91) 1,2-Dichlorobenzene	13.88	146	3705	4.815	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.51	75	1543	29.591	ug/l #	11
95) Naphthalene	15.33	128	1351	1.468	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.58	180	1663	3.740	ug/l #	47

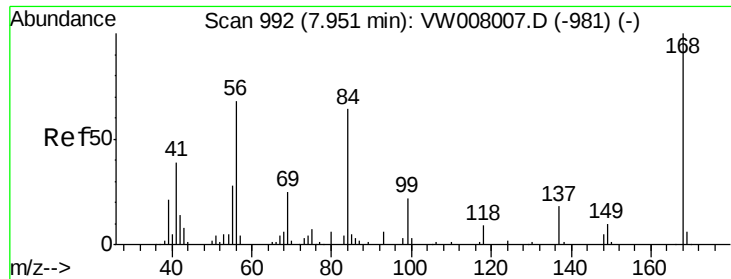
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008049.D

Acq: 04 Jan 2019 15:56

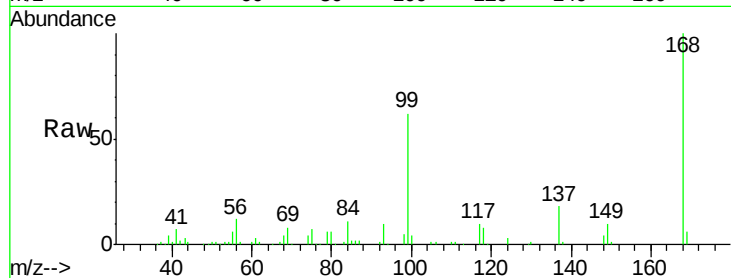
Instrument :
MSVOA_W
ClientSampleId :
CPSB-10(10-15)

Tot Ion:168 Resp: 65748

Ion Ratio Lower Upper

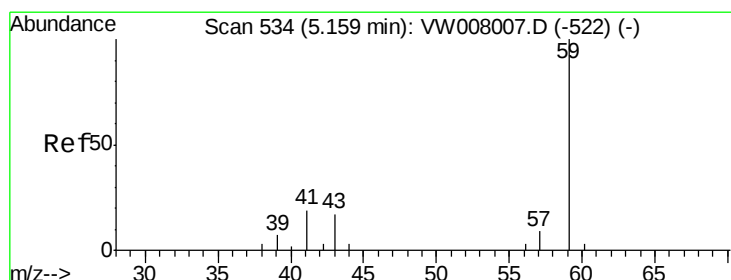
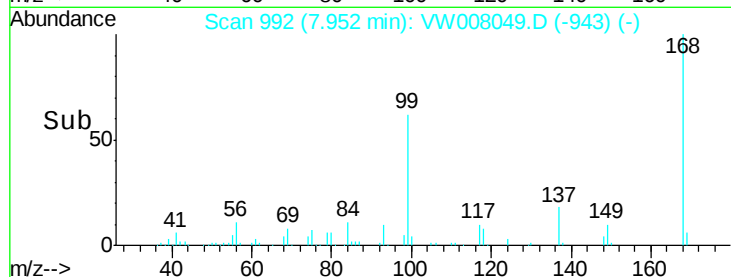
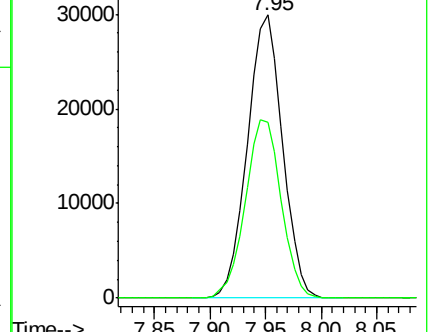
168 100

99 62.1 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: 3.450 ug/l

RT: 5.20 min Scan# 540

Delta R.T. 0.04 min

Lab File: VW008049.D

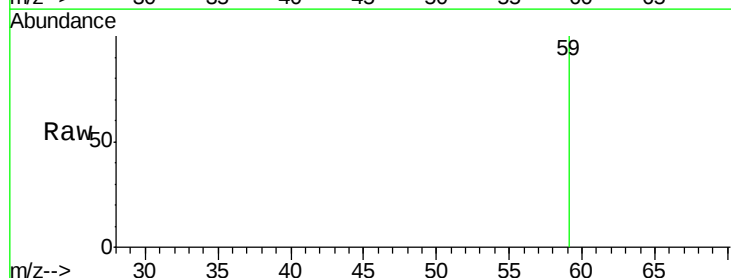
Acq: 04 Jan 2019 15:56

Tgt Ion: 59 Resp: 163

Ion Ratio Lower Upper

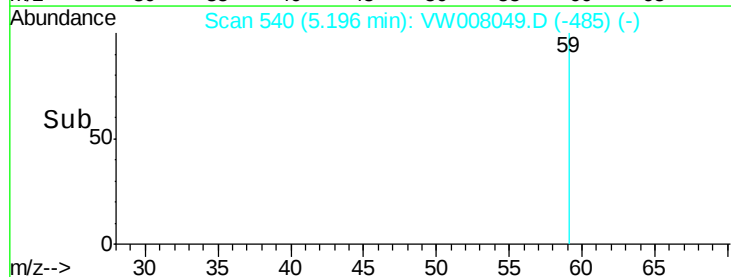
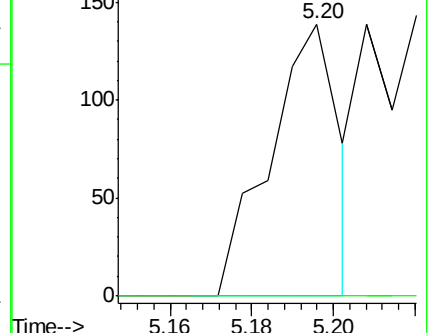
59 100

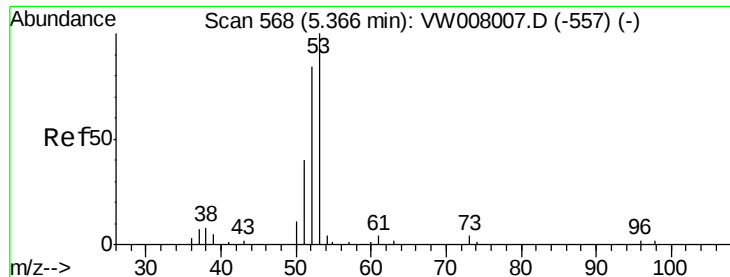
57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#15

Acrylonitrile

Concen: 1.751 ug/l

RT: 5.45 min Scan# 581

Delta R.T. 0.08 min

Lab File: VW008049.D

Acq: 04 Jan 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

CPSB-10(10-15)

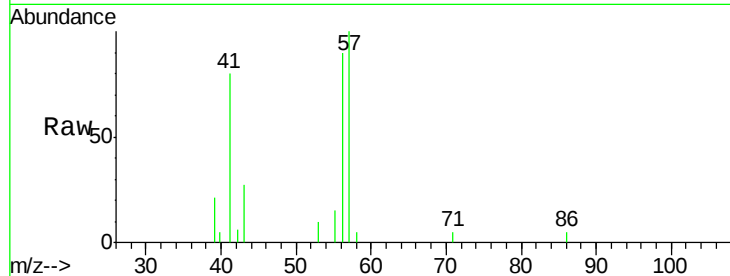
Tot Ion: 53 Resp: 192

Ion Ratio Lower Upper

53 100

52 0.0 67.8 101.8#

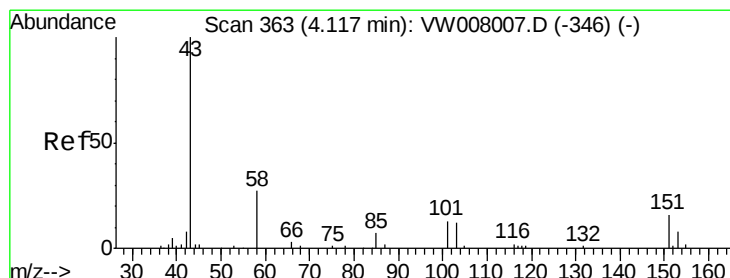
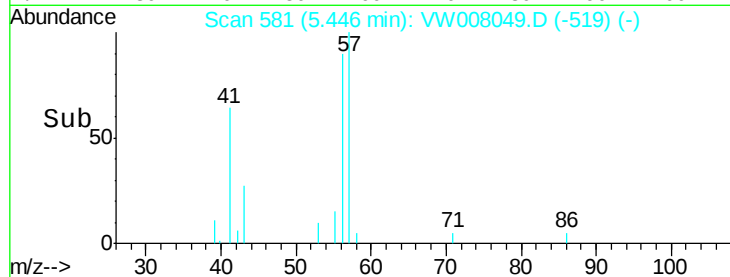
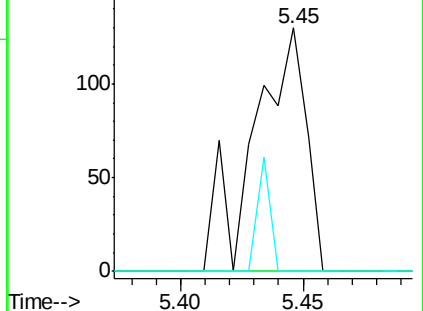
51 11.5 31.5 47.3#



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 40.899 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW008049.D

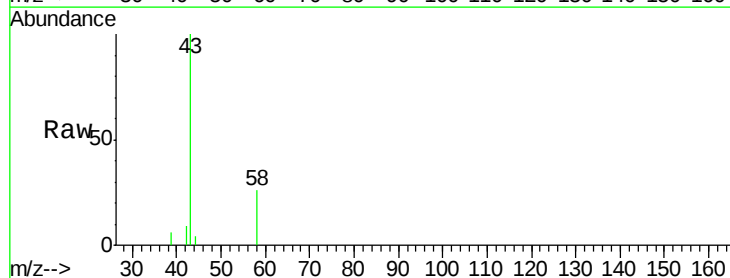
Acq: 04 Jan 2019 15:56

Tgt Ion: 43 Resp: 4604

Ion Ratio Lower Upper

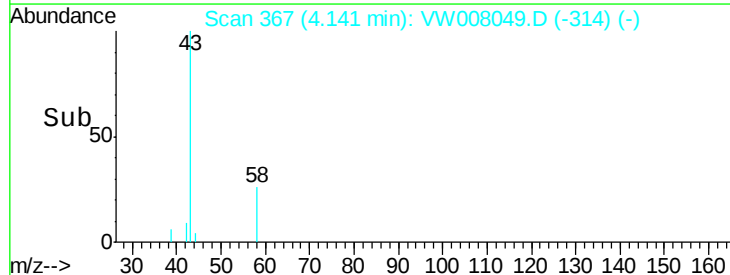
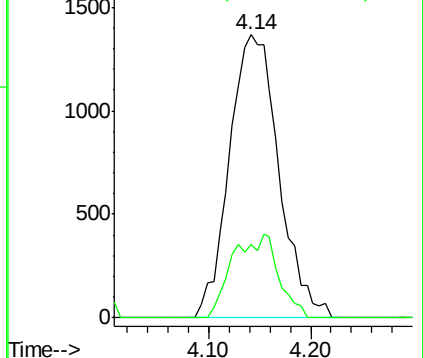
43 100

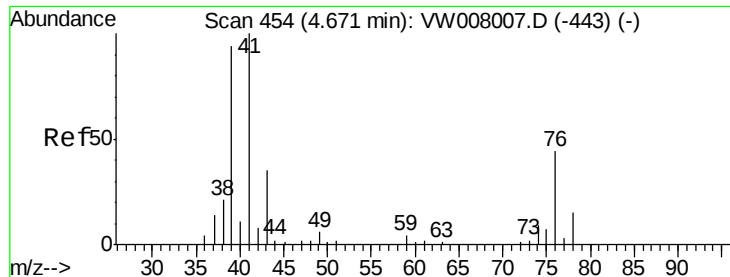
58 26.0 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

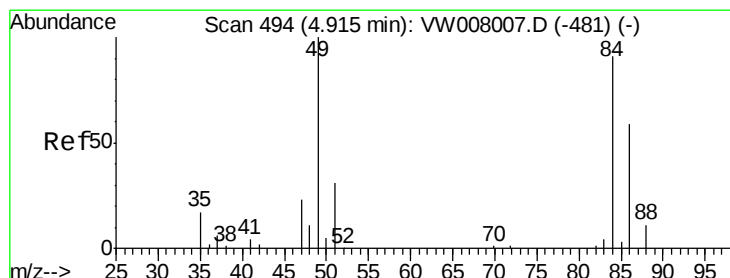
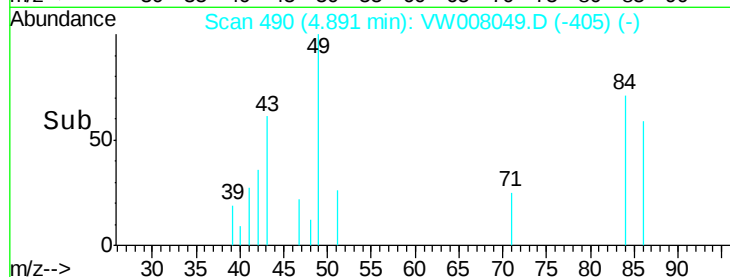
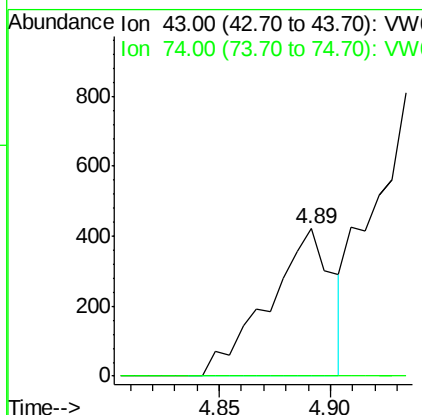
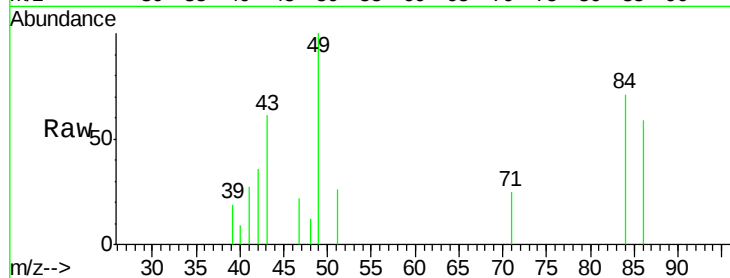




#18
Methyl Acetate
Concen: 2.884 ug/l
RT: 4.89 min Scan# 490
Delta R.T. 0.22 min
Lab File: VW008049.D
Acq: 04 Jan 2019 15:56

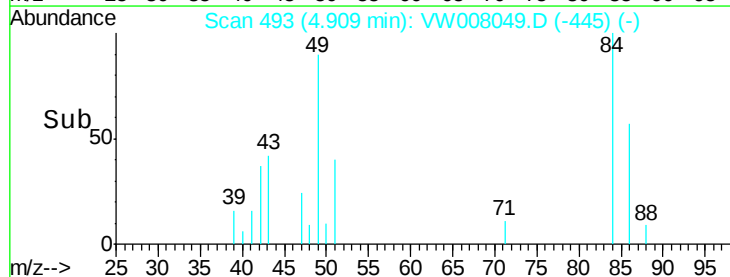
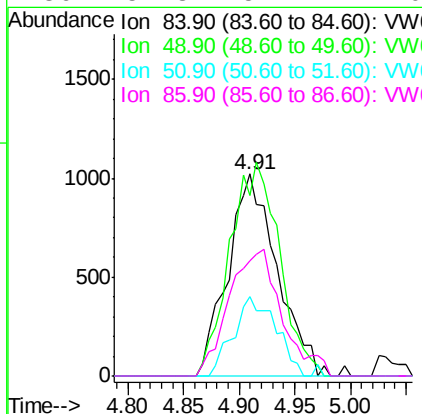
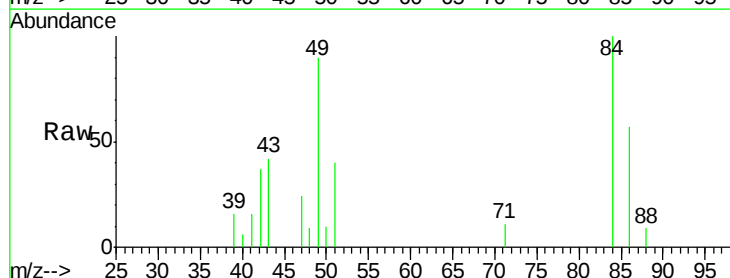
Instrument :
MSVOA_W
ClientSampleId :
CPSB-10(10-15)

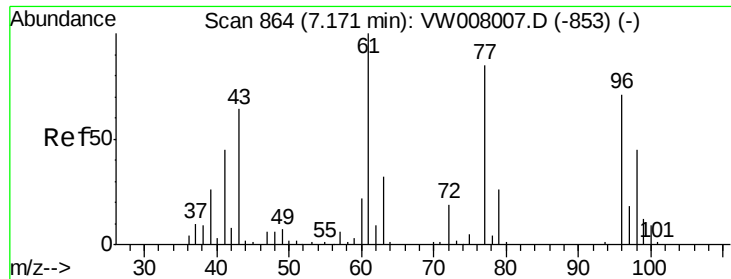
Tot Ion: 43 Resp: 842
Ion Ratio Lower Upper
43 100
74 0.0 21.4 32.2#



#20
Methylene Chloride
Concen: 2.254 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW008049.D
Acq: 04 Jan 2019 15:56

Tgt Ion: 84 Resp: 3140
Ion Ratio Lower Upper
84 100
49 89.6 87.7 131.5
51 39.5 27.3 40.9
86 57.3 51.4 77.0

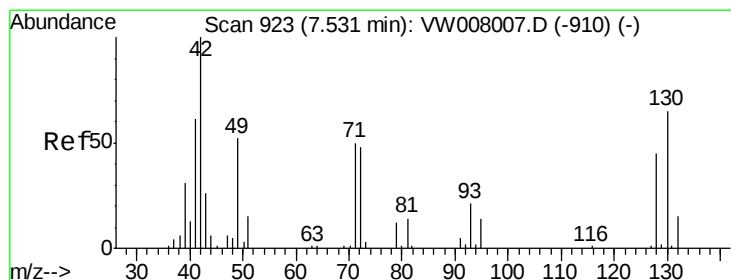
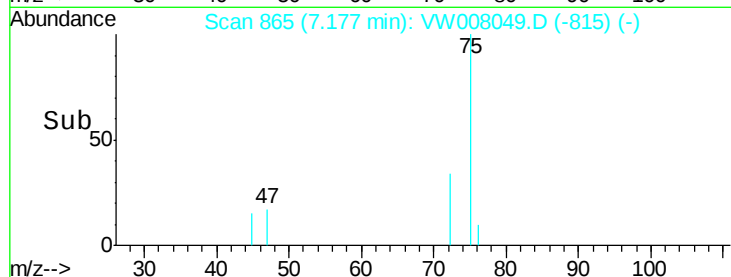
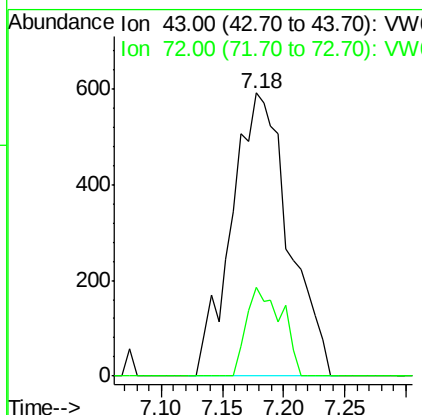
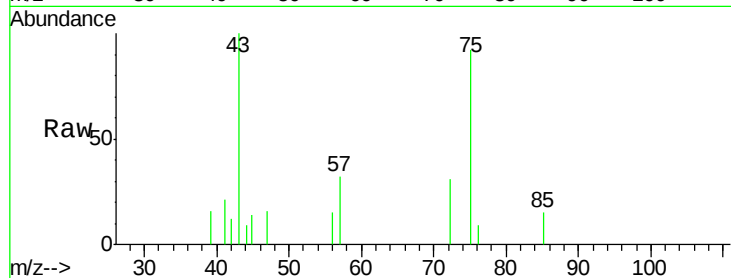




#25
2-Butanone
Concen: 14.506 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW008049.D
Acq: 04 Jan 2019 15:56

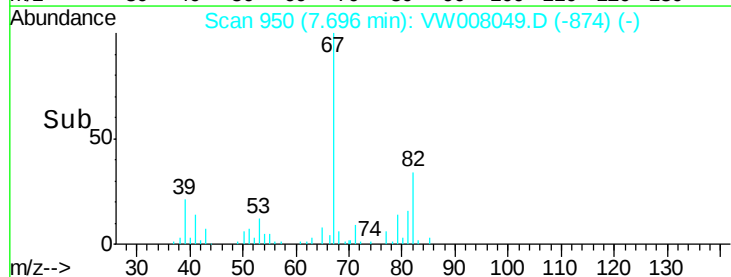
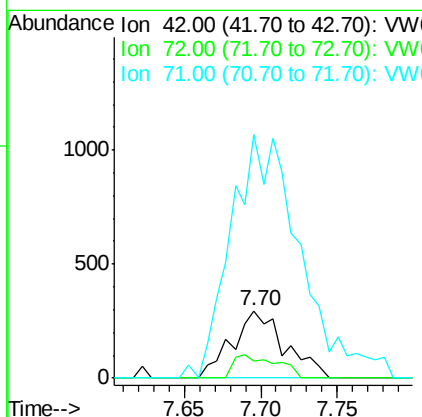
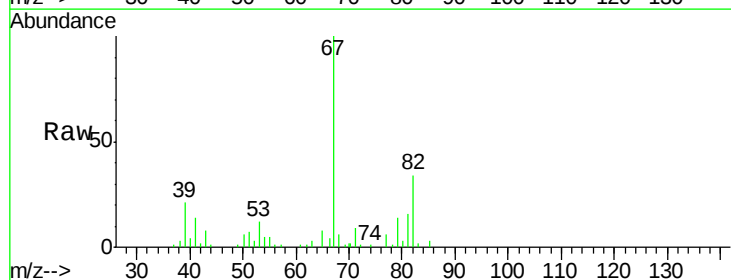
Instrument :
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ClientSampleId :
CPSB-10(10-15)

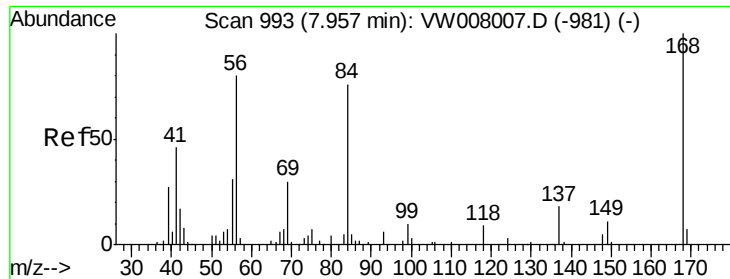
Tot Ion: 43 Resp: 1924
Ion Ratio Lower Upper
43 100
72 31.3 23.8 35.8



#29
Tetrahydrofuran
Concen: 8.545 ug/l
RT: 7.70 min Scan# 950
Delta R.T. 0.16 min
Lab File: VW008049.D
Acq: 04 Jan 2019 15:56

Tgt Ion: 42 Resp: 704
Ion Ratio Lower Upper
42 100
72 28.1 39.0 58.6#
71 478.8 39.1 58.7#

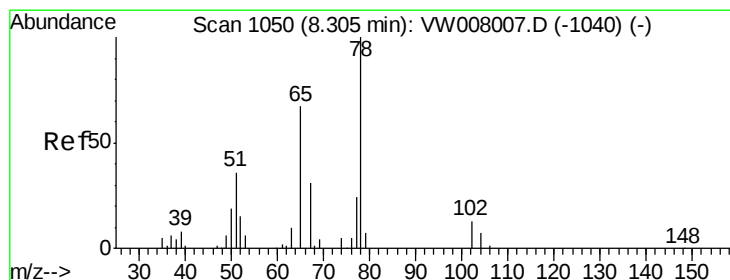
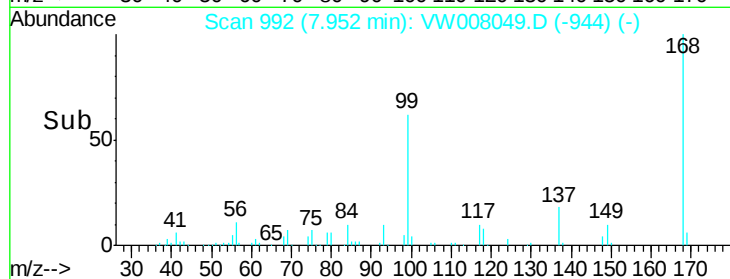
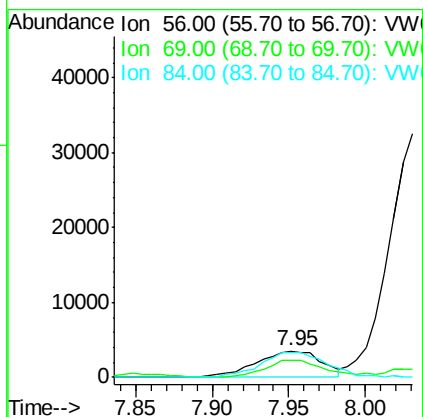
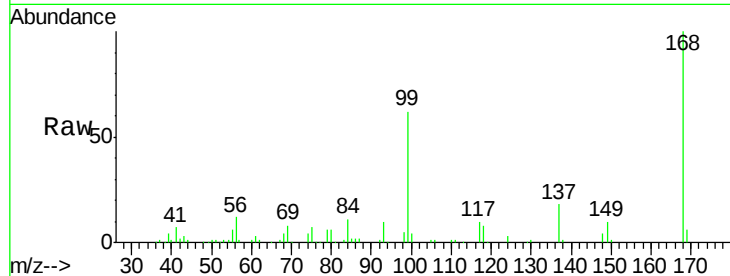




#31
Cyclohexane
Concen: 9.534 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW008049.D
Acq: 04 Jan 2019 15:56

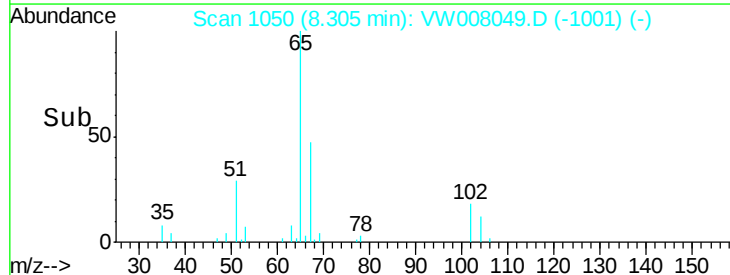
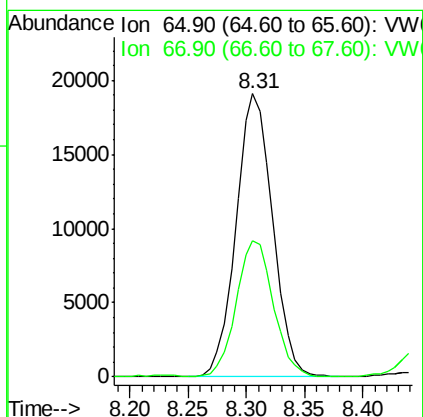
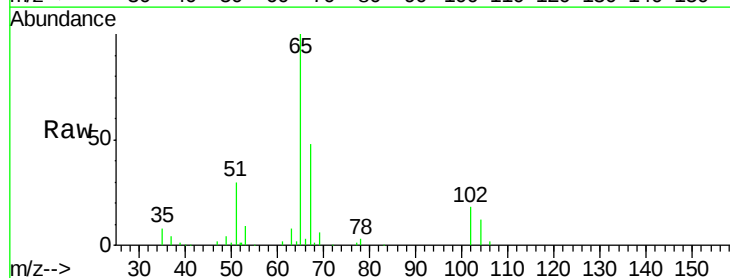
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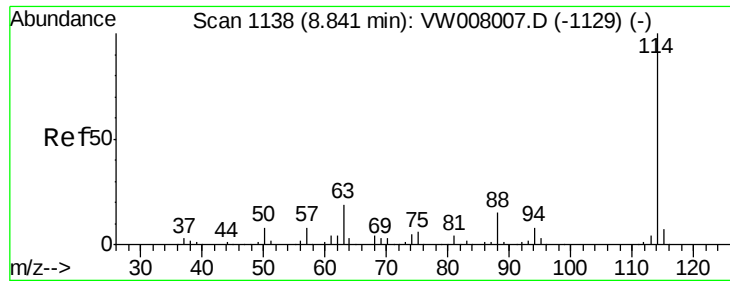
Tot Ion: 56 Resp: 10598
Ion Ratio Lower Upper
56 100
69 61.4 29.8 44.6#
84 92.7 75.2 112.8



#33
1,2-Dichloroethane-d4
Concen: 57.426 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008049.D
Acq: 04 Jan 2019 15:56

Tgt Ion: 65 Resp: 41761
Ion Ratio Lower Upper
65 100
67 49.1 0.0 94.8

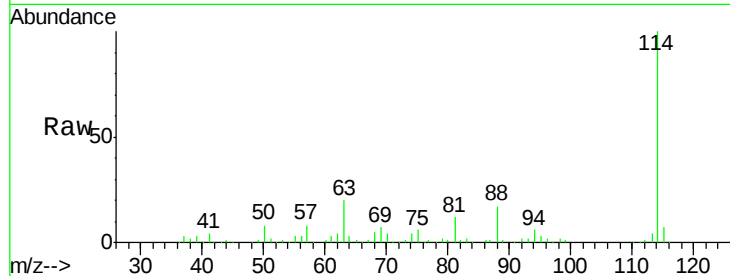




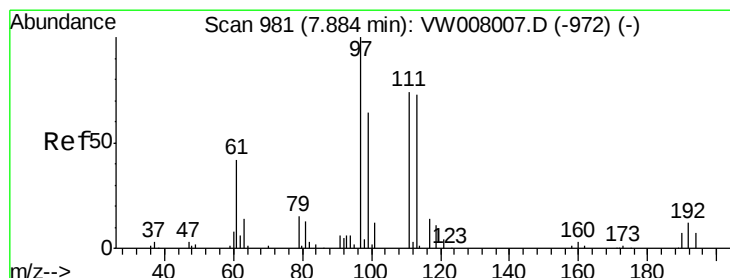
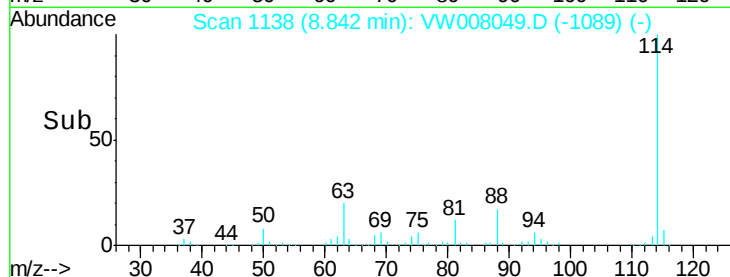
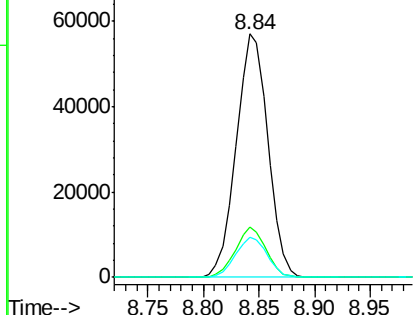
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008049.D
Acq: 04 Jan 2019 15:56

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

Tot Ion:114 Resp: 112493
Ion Ratio Lower Upper
114 100
63 20.4 0.0 37.8
88 16.6 0.0 31.0

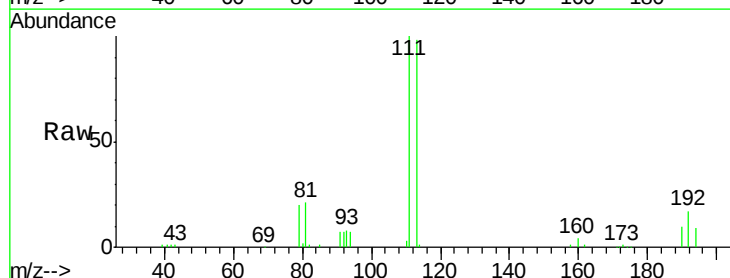


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

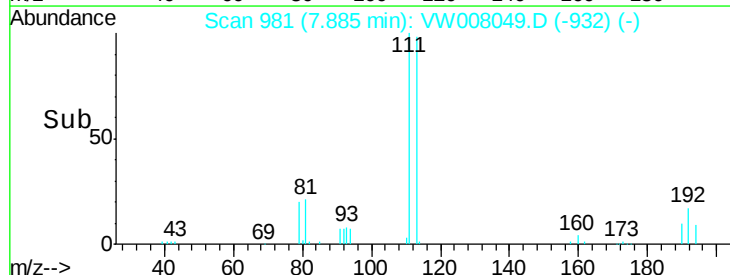
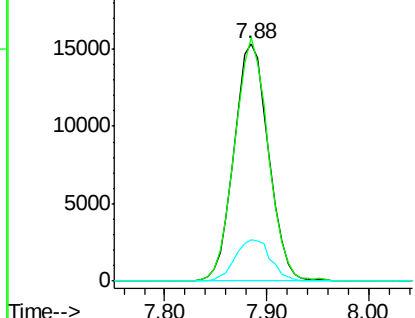


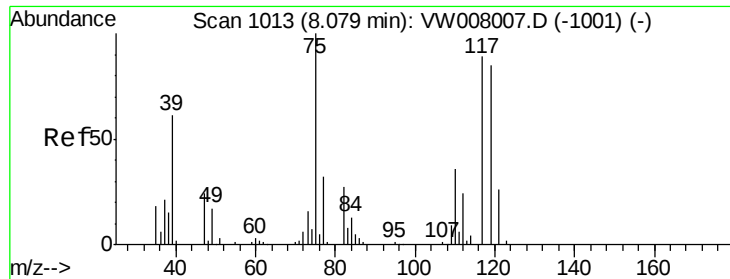
#35
Dibromofluoromethane
Concen: 50.709 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW008049.D
Acq: 04 Jan 2019 15:56

Tgt Ion:113 Resp: 35961
Ion Ratio Lower Upper
113 100
111 99.9 81.4 122.0
192 18.0 14.8 22.2



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

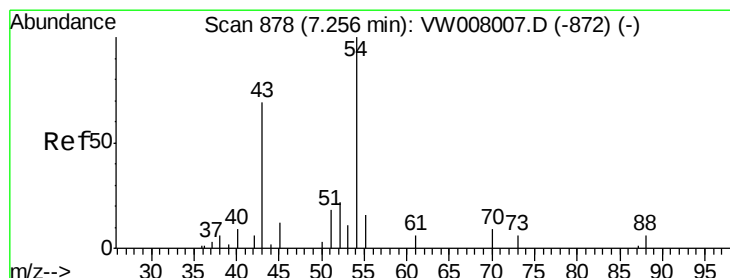
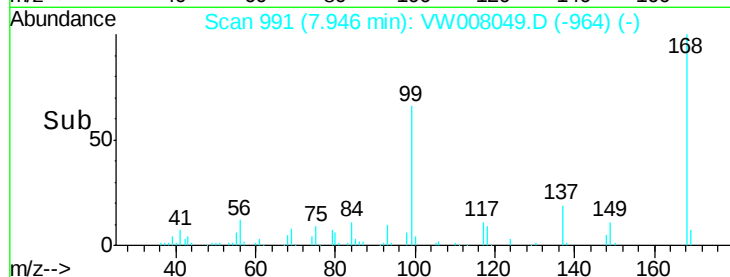
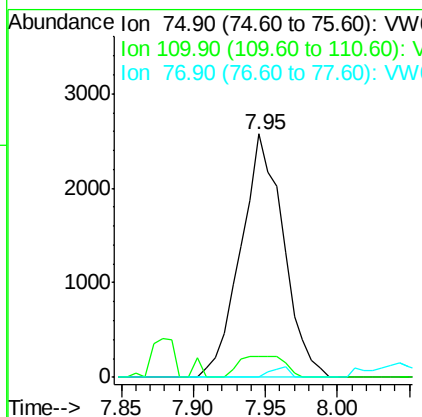
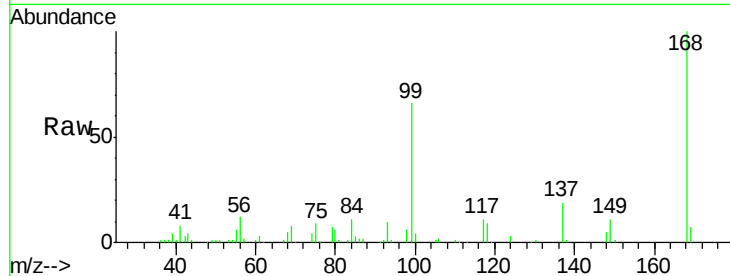




#36
 1,1-Dichloropropene
 Concen: 4.749 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008049.D
 Acq: 04 Jan 2019 15:56

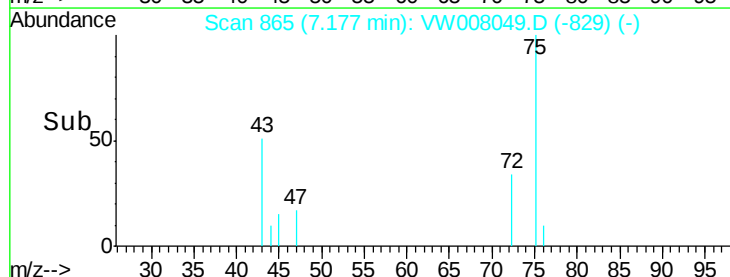
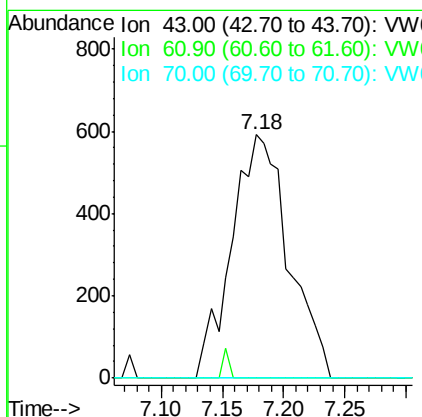
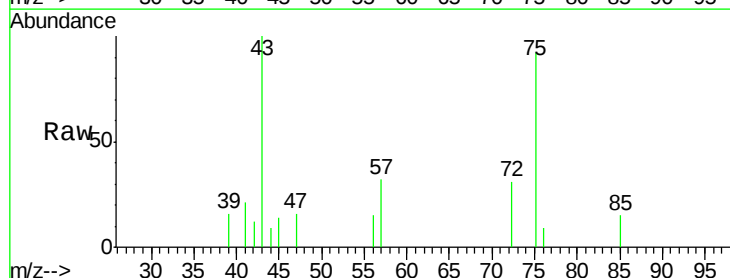
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-10(10-15)

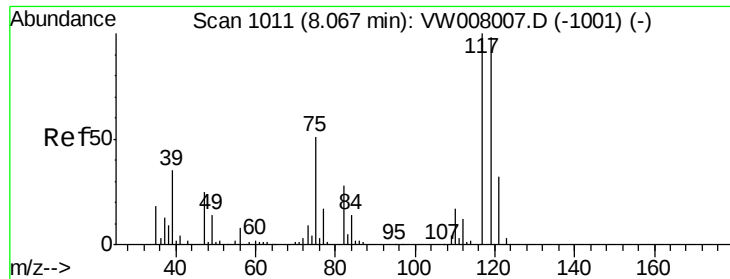
Tot Ion: 75 Resp: 5270
 Ion Ratio Lower Upper
 75 100
 110 9.5 18.1 54.3#
 77 1.8 25.3 37.9#



#37
 Ethyl Acetate
 Concen: 5.772 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.08 min
 Lab File: VW008049.D
 Acq: 04 Jan 2019 15:56

Tgt Ion: 43 Resp: 1924
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.4 17.2#
 70 0.0 9.4 14.0#

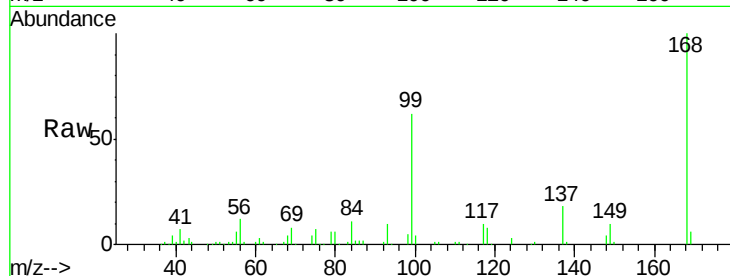




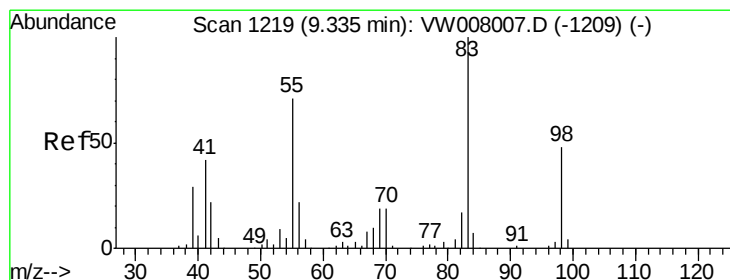
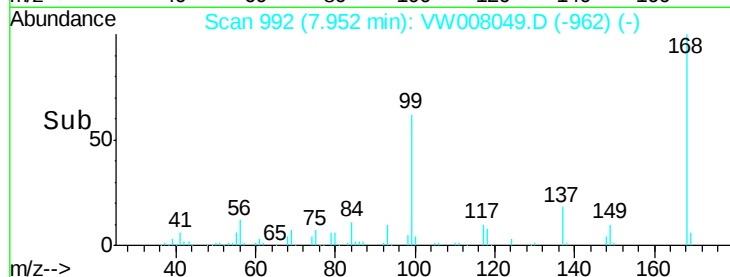
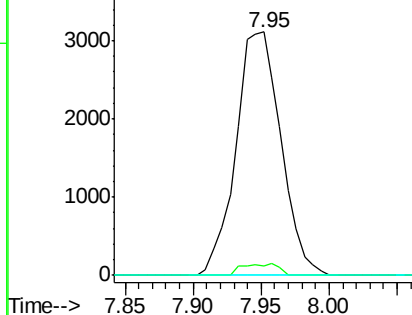
#38
Carbon Tetrachloride
Concen: 5.423 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW008049.D
Acq: 04 Jan 2019 15:56

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

Tot Ion:117 Resp: 7212
Ion Ratio Lower Upper
117 100
119 3.9 78.7 118.1#
121 0.0 25.8 38.8#

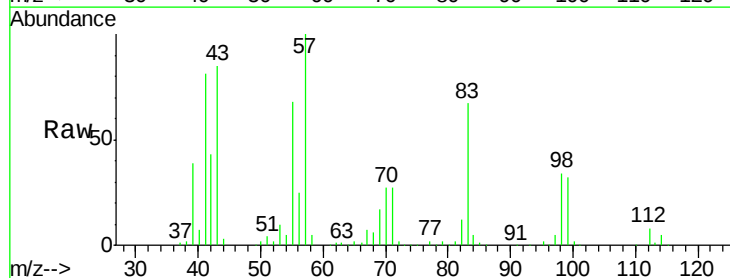


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

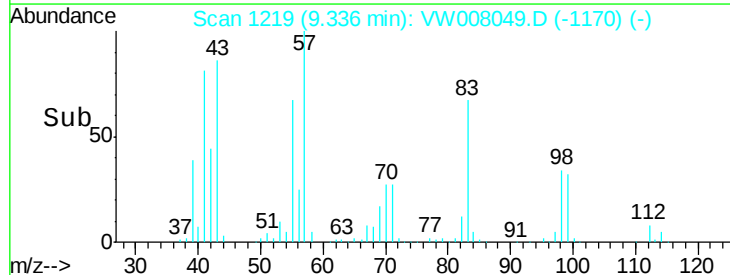
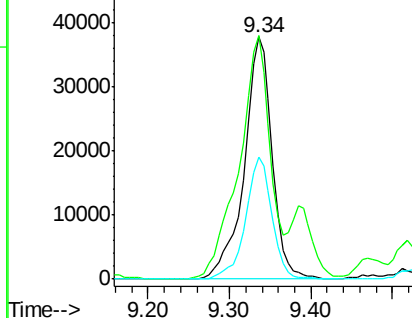


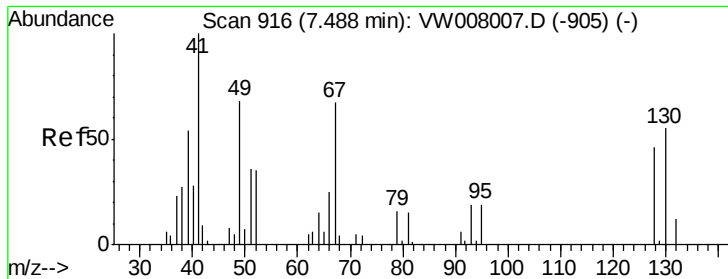
#39
Methylcyclohexane
Concen: 65.187 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008049.D
Acq: 04 Jan 2019 15:56

Tgt Ion: 83 Resp: 90168
Ion Ratio Lower Upper
83 100
55 100.3 56.8 85.2#
98 50.3 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





#41

Methacrylonitrile

Concen: 1.995 ug/l

RT: 7.52 min Scan# 922

Delta R.T. 0.04 min

Lab File: VW008049.D

Acq: 04 Jan 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

CPSB-10(10-15)

Tot Ion: 41 Resp: 391

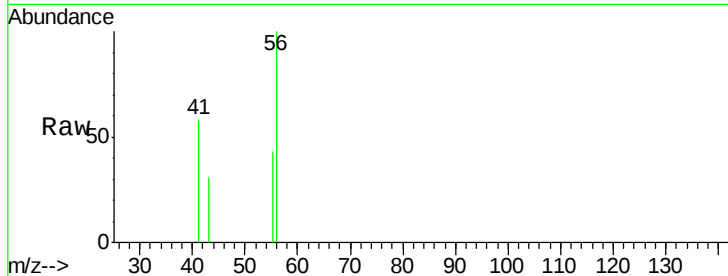
Ion Ratio Lower Upper

41 100

39 0.0 48.6 72.8#

67 0.0 55.6 83.4#

52 0.0 25.9 38.9#



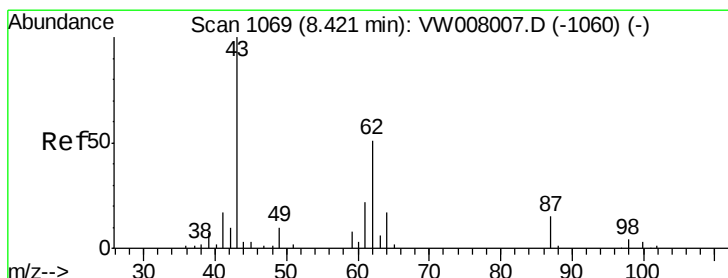
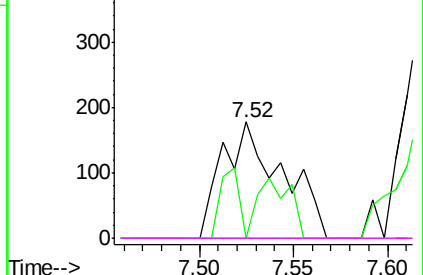
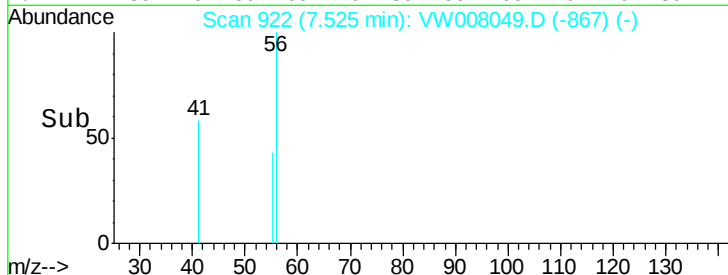
Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW

Time-->



#43

Isopropyl Acetate

Concen: 18.419 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW008049.D

Acq: 04 Jan 2019 15:56

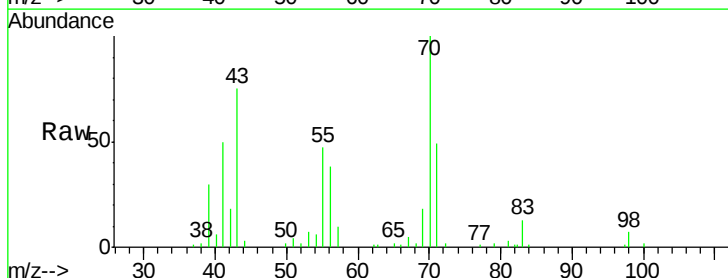
Tgt Ion: 43 Resp: 12267

Ion Ratio Lower Upper

43 100

61 0.0 26.4 39.6#

87 0.0 12.0 18.0#

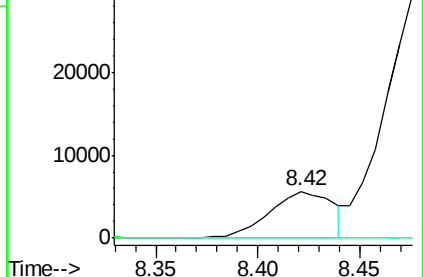
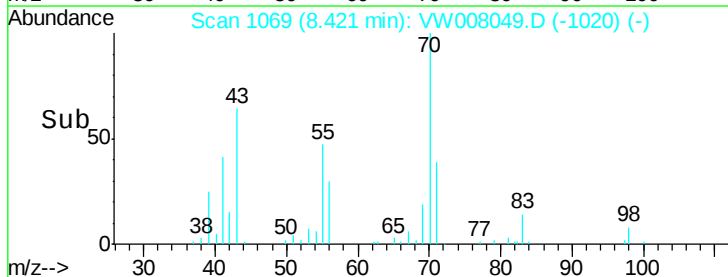


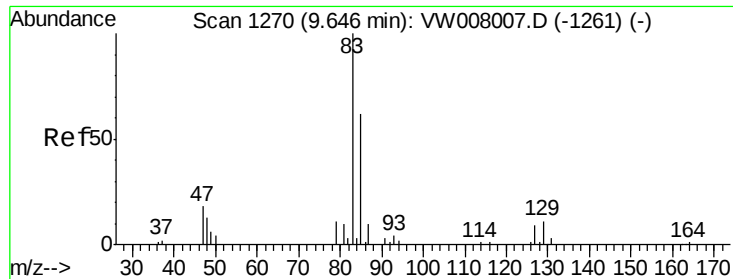
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW

Time-->





#47

Bromodichloromethane

Concen: 6.906 ug/l

RT: 9.62 min Scan# 1266

Delta R.T. -0.02 min

Lab File: VW008049.D

Acq: 04 Jan 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

CPSB-10(10-15)

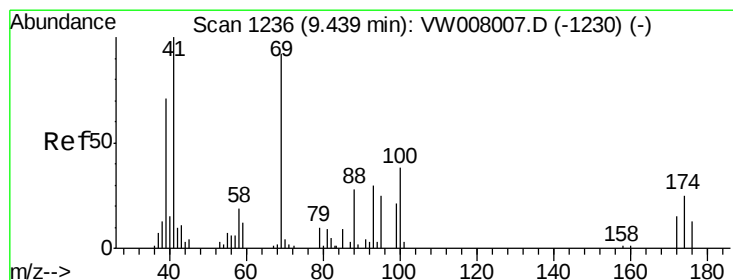
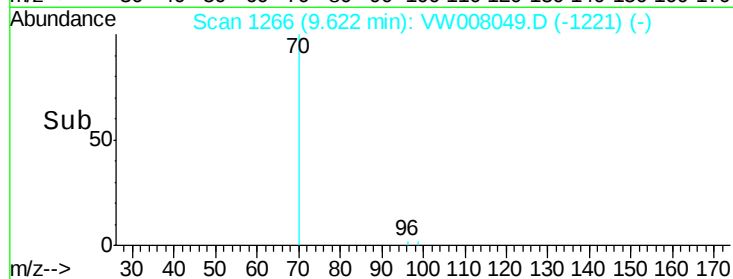
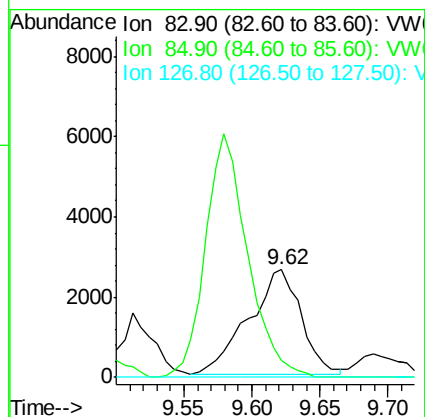
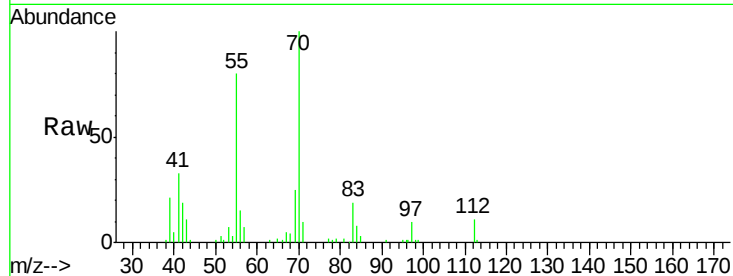
Tot Ion: 83 Resp: 7166

Ion Ratio Lower Upper

83 100

85 16.0 49.5 74.3#

127 0.0 7.5 11.3#



#48

Methyl methacrylate

Concen: 67.171 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. 0.04 min

Lab File: VW008049.D

Acq: 04 Jan 2019 15:56

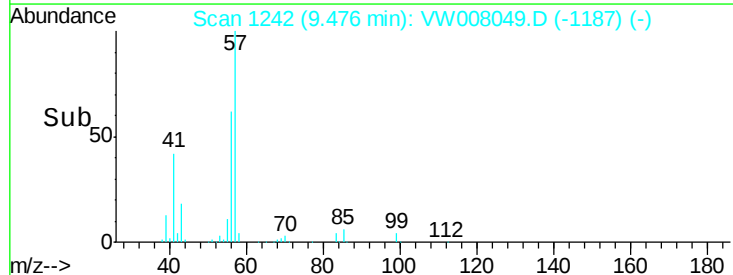
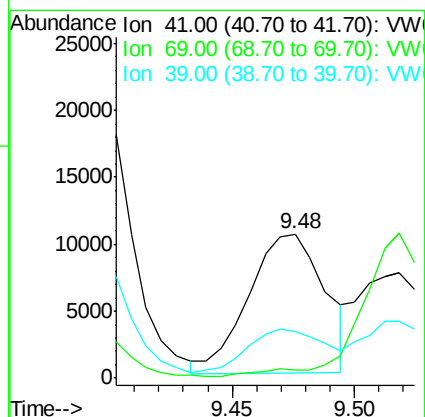
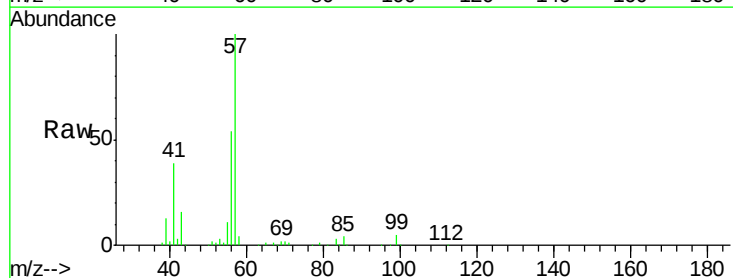
Tgt Ion: 41 Resp: 22557

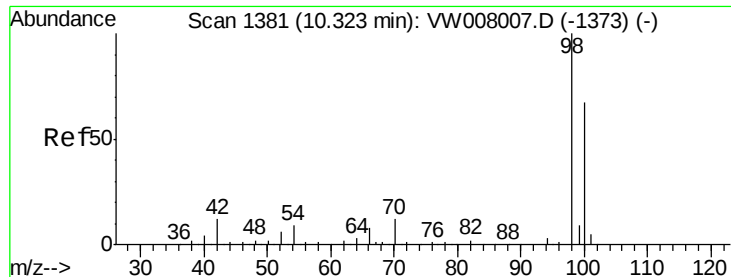
Ion Ratio Lower Upper

41 100

69 0.0 72.3 108.5#

39 32.0 58.7 88.1#





#50

Toluene-d8

Concen: 47.254 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008049.D

Acq: 04 Jan 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

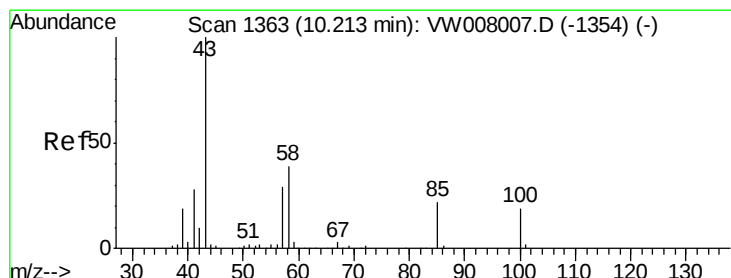
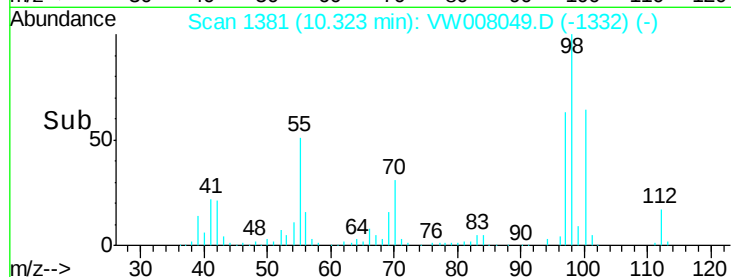
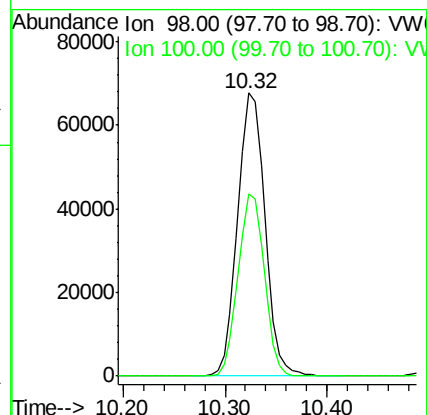
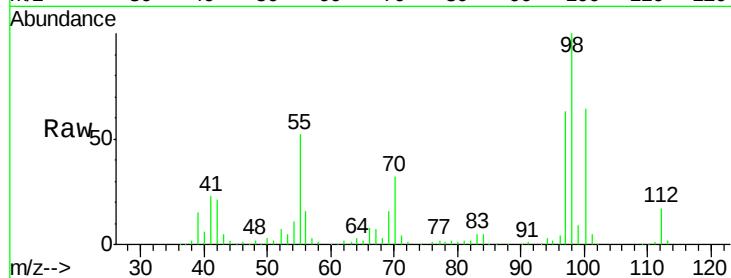
CPSB-10(10-15)

Tot Ion: 98 Resp: 125707

Ion Ratio Lower Upper

98 100

100 61.6 52.9 79.3



#51

4-Methyl-2-Pentanone

Concen: 223.908 ug/l

RT: 10.26 min Scan# 1370

Delta R.T. 0.04 min

Lab File: VW008049.D

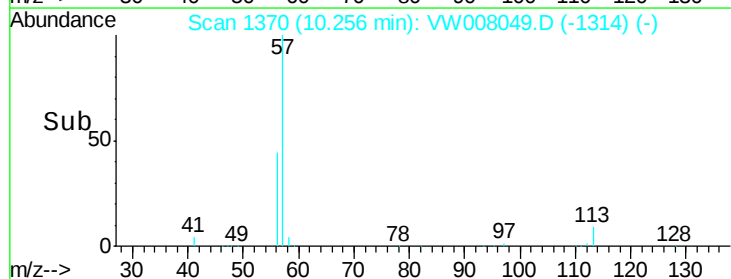
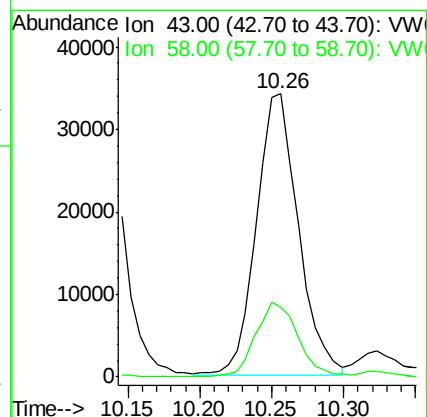
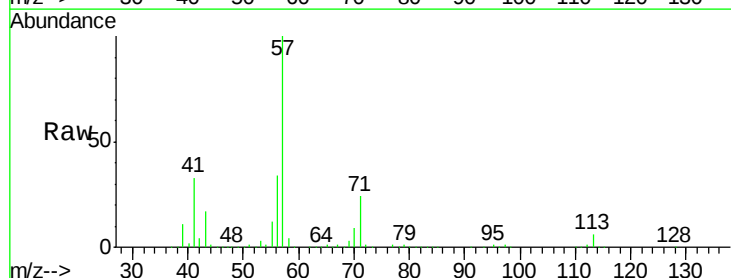
Acq: 04 Jan 2019 15:56

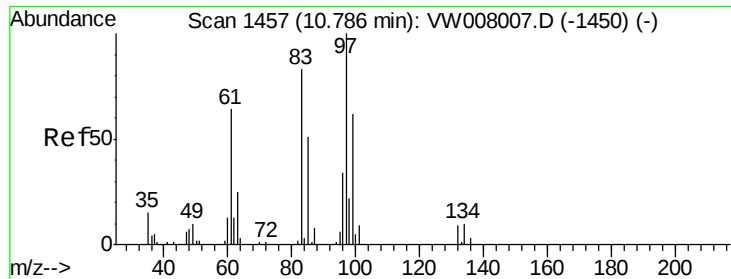
Tgt Ion: 43 Resp: 69029

Ion Ratio Lower Upper

43 100

58 26.8 32.0 48.0#





#55

1,1,2-Trichloroethane

Concen: 95.181 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.02 min

Lab File: VW008049.D

Acq: 04 Jan 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

CPSB-10(10-15)

Tot Ion: 97 Resp: 47743

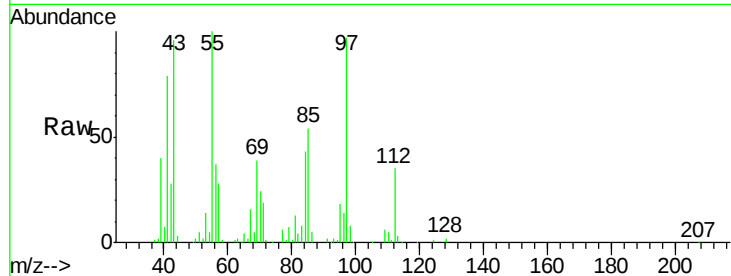
Ion Ratio Lower Upper

97 100

83 7.4 66.2 99.2#

85 56.4 41.0 61.4

99 0.3 49.3 73.9#

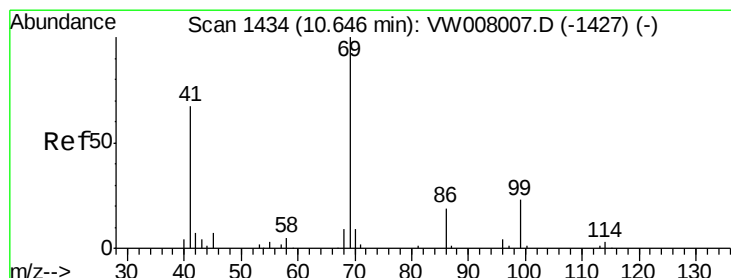
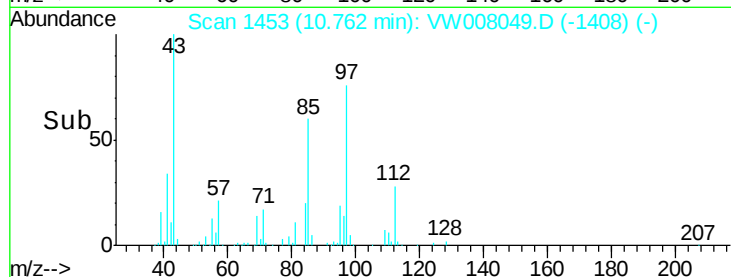
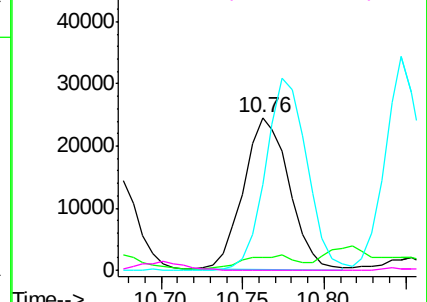


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 17.786 ug/l

RT: 10.66 min Scan# 1437

Delta R.T. 0.02 min

Lab File: VW008049.D

Acq: 04 Jan 2019 15:56

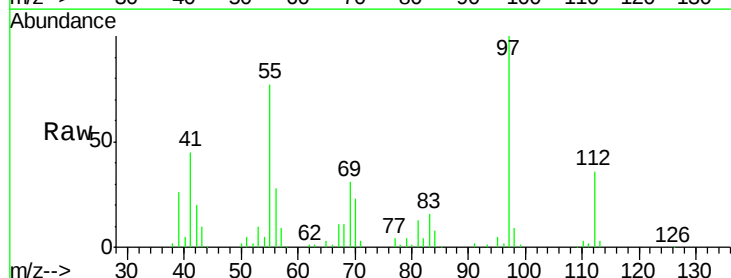
Tgt Ion: 69 Resp: 10086

Ion Ratio Lower Upper

69 100

41 186.1 52.6 79.0#

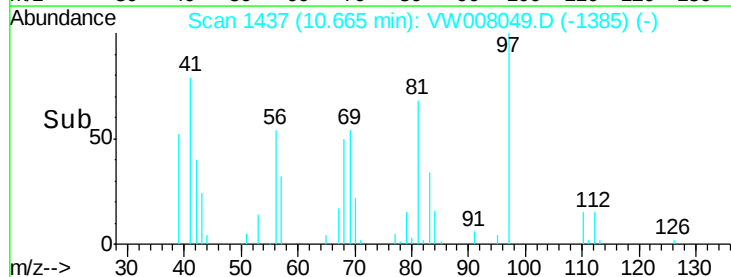
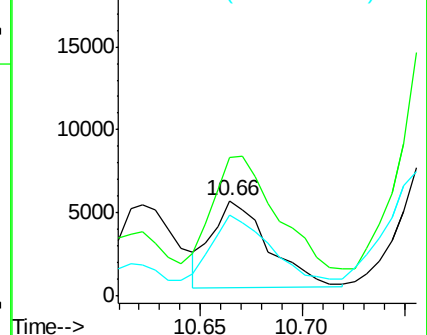
39 98.6 35.8 53.6#

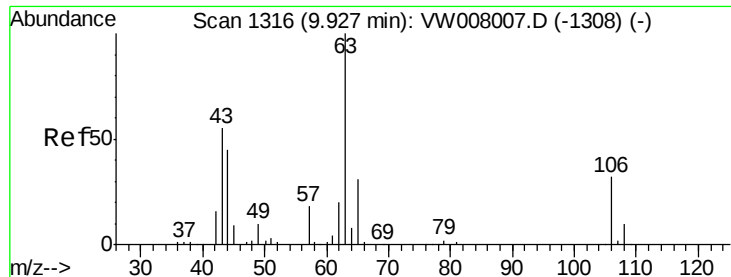


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

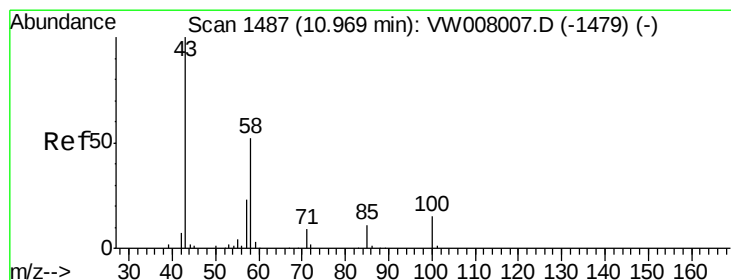
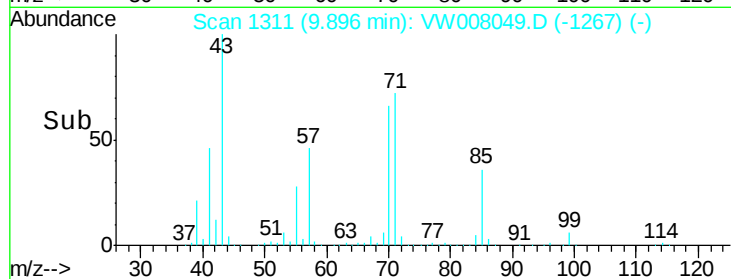
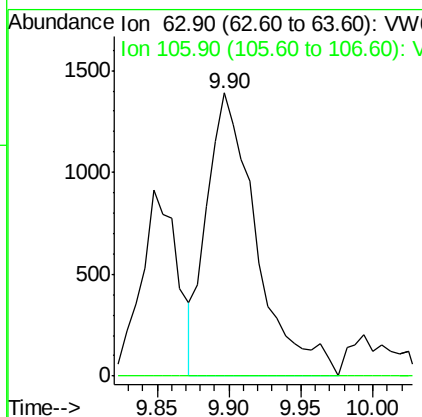
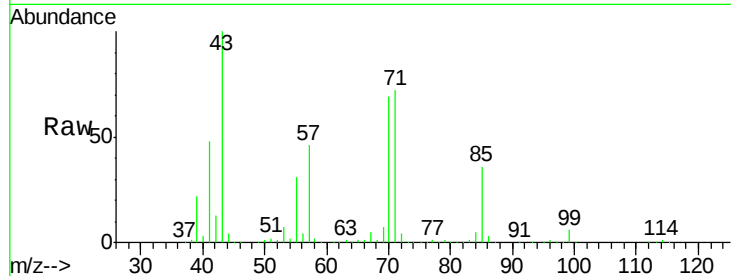




#58
 2-Chloroethyl Vinyl ether
 Concen: 12.408 ug/l
 RT: 9.90 min Scan# 1311
 Delta R.T. -0.03 min
 Lab File: VW008049.D
 Acq: 04 Jan 2019 15:56

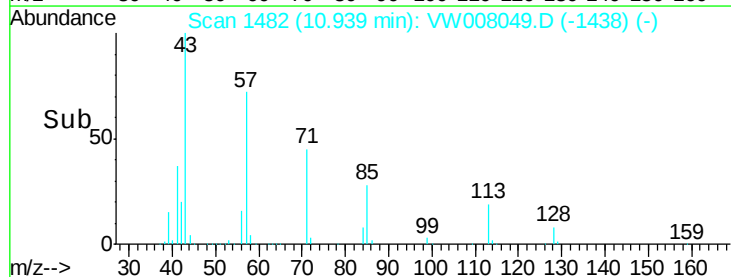
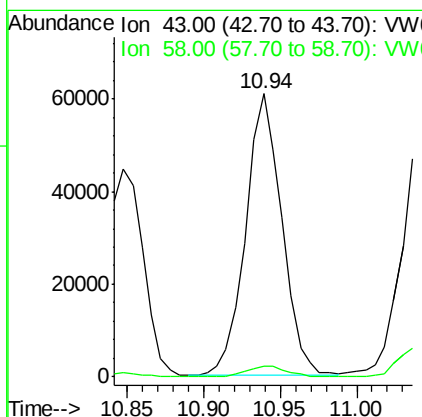
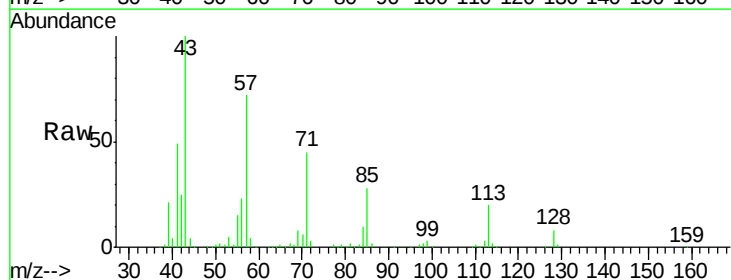
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-10(10-15)

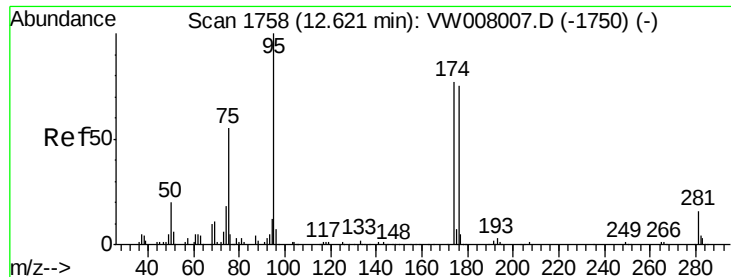
Tot Ion: 63 Resp: 3337
 Ion Ratio Lower Upper
 63 100
 106 0.0 26.9 40.3#



#59
 2-Hexanone
 Concen: 467.027 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.03 min
 Lab File: VW008049.D
 Acq: 04 Jan 2019 15:56

Tgt Ion: 43 Resp: 99398
 Ion Ratio Lower Upper
 43 100
 58 4.3 27.1 81.2#





#62

4-Bromofluorobenzene

Concen: 41.482 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW008049.D

Acq: 04 Jan 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

CPSB-10(10-15)

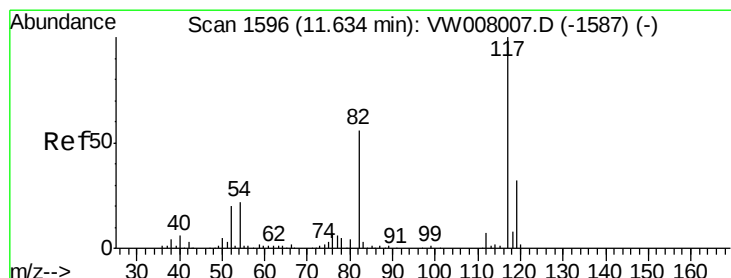
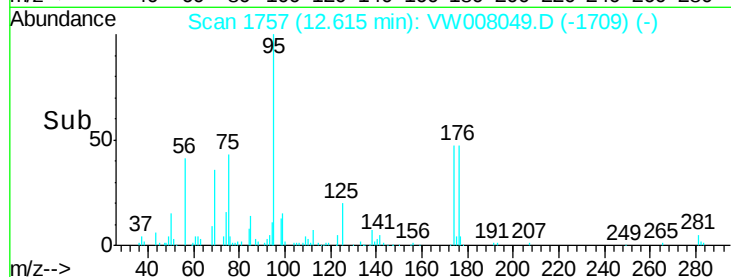
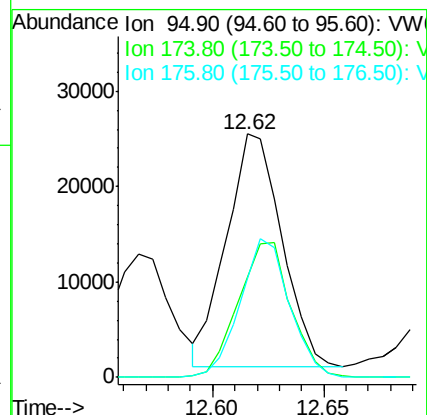
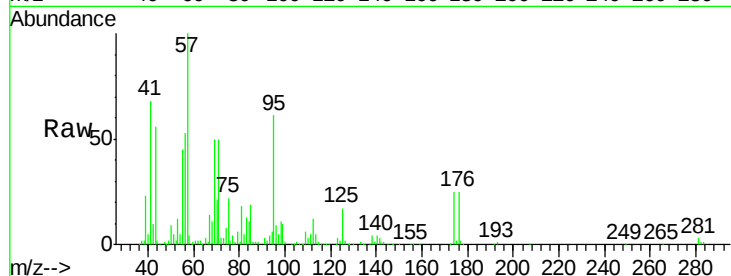
Tot Ion: 95 Resp: 42321

Ion Ratio Lower Upper

95 100

174 55.3 0.0 149.6

176 53.3 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: VW008049.D

Acq: 04 Jan 2019 15:56

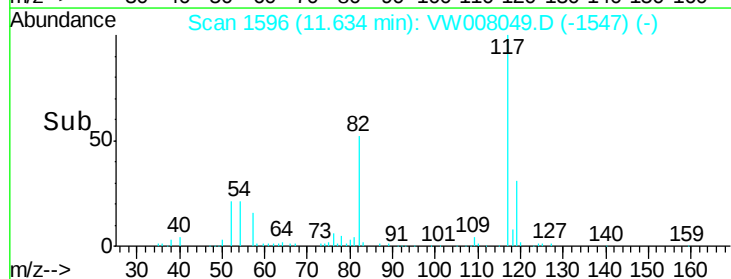
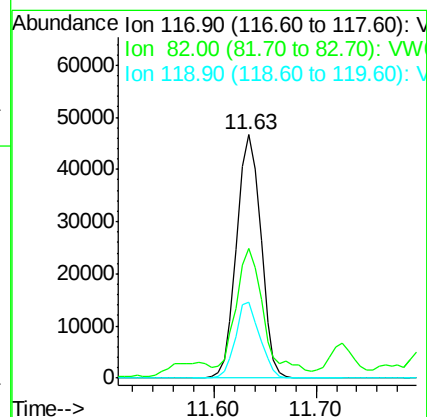
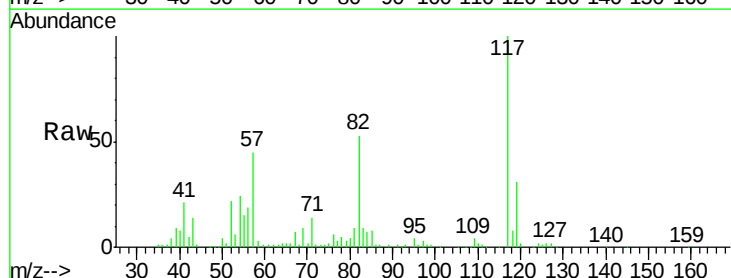
Tgt Ion: 117 Resp: 77085

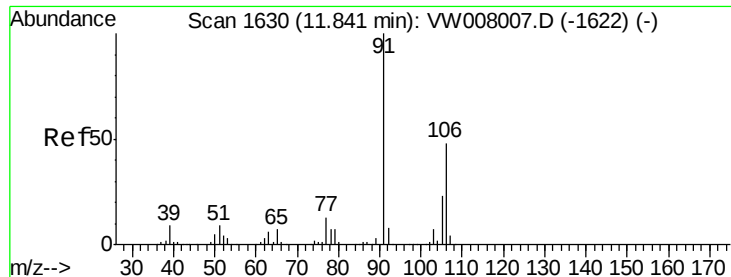
Ion Ratio Lower Upper

117 100

82 47.1 44.8 67.2

119 31.1 25.6 38.4

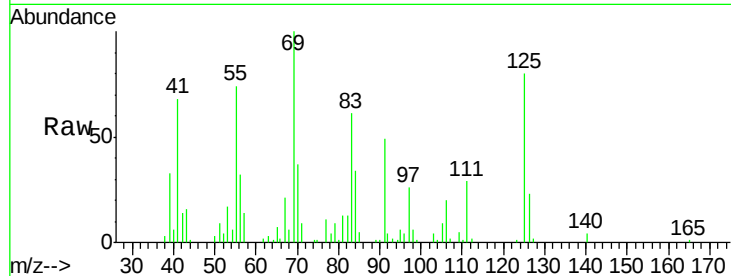




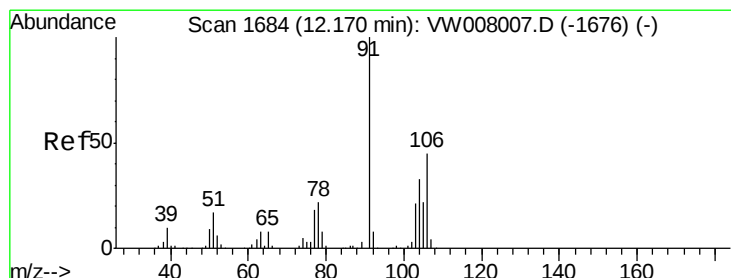
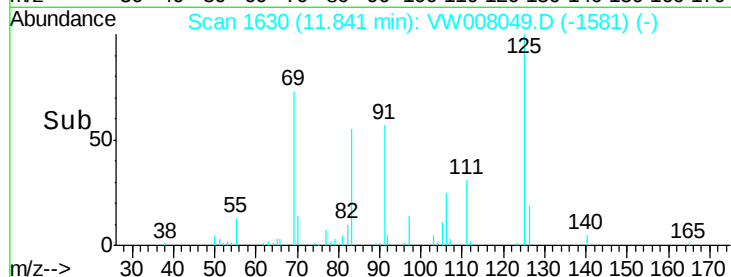
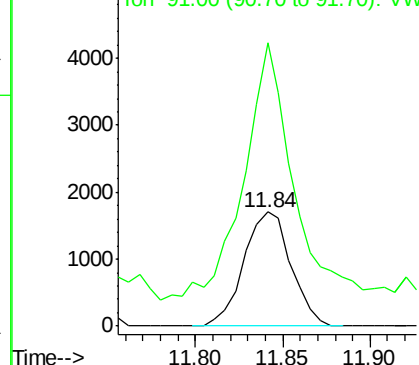
#68
m/p-Xylenes
Concen: 2.818 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008049.D
Acq: 04 Jan 2019 15:56

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

Tot Ion:106 Resp: 3186
Ion Ratio Lower Upper
106 100
91 237.9 165.8 248.8

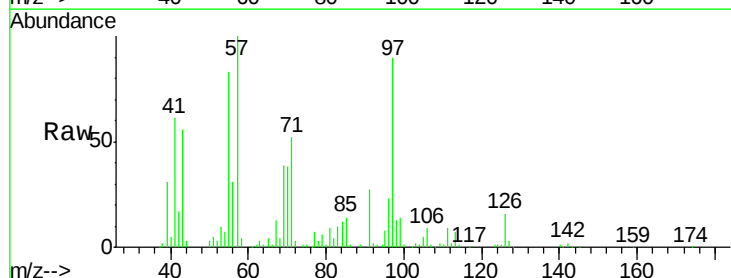


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

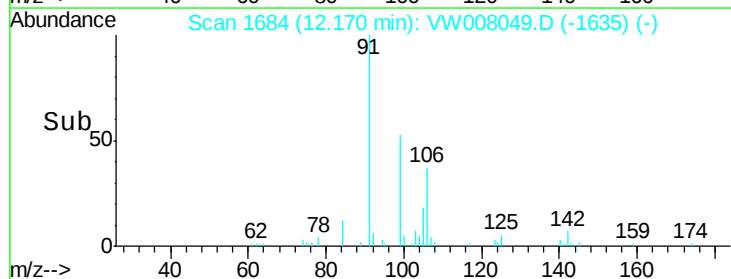
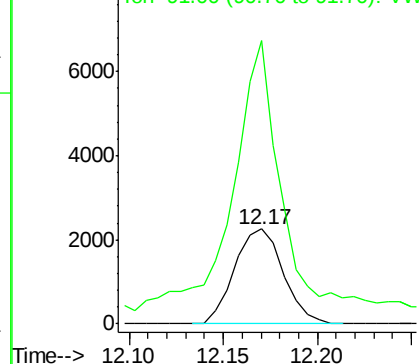


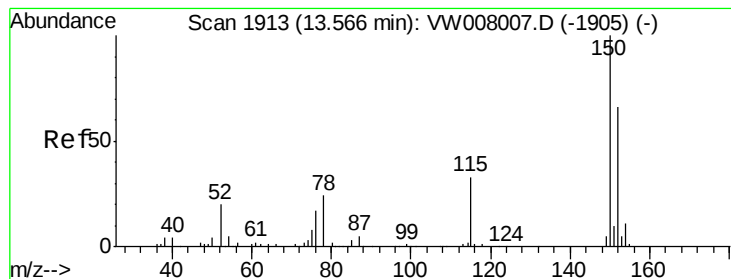
#69
o-Xylene
Concen: 3.840 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008049.D
Acq: 04 Jan 2019 15:56

Tgt Ion:106 Resp: 4039
Ion Ratio Lower Upper
106 100
91 299.3 110.6 331.6



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW008049.D

Acq: 04 Jan 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

CPSB-10(10-15)

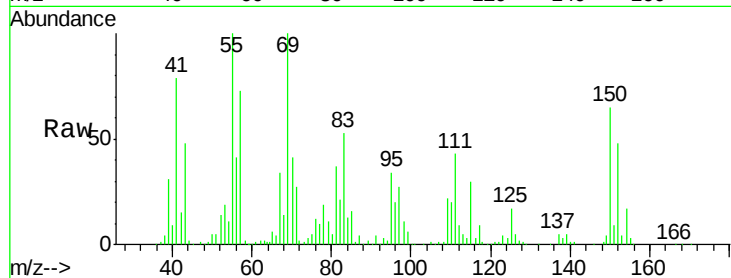
Tot Ion:152 Resp: 25393

Ion Ratio Lower Upper

152 100

115 51.0 32.1 96.5

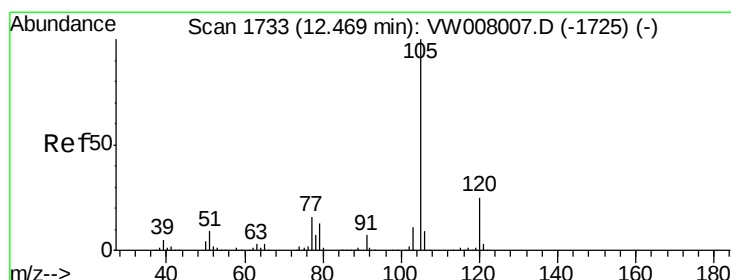
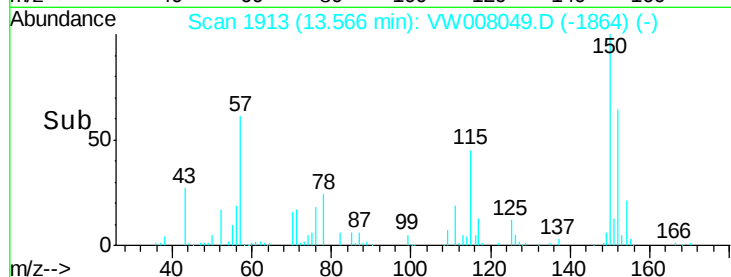
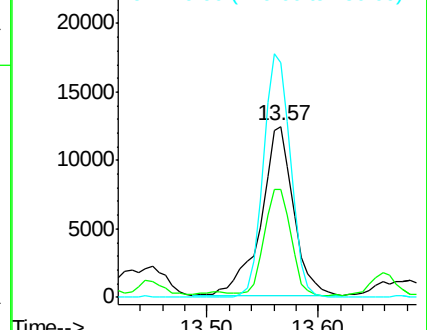
150 119.3 0.0 345.0



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: 117.094 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW008049.D

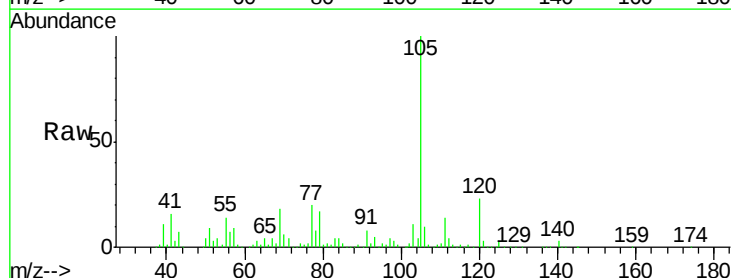
Acq: 04 Jan 2019 15:56

Tgt Ion:105 Resp: 236435

Ion Ratio Lower Upper

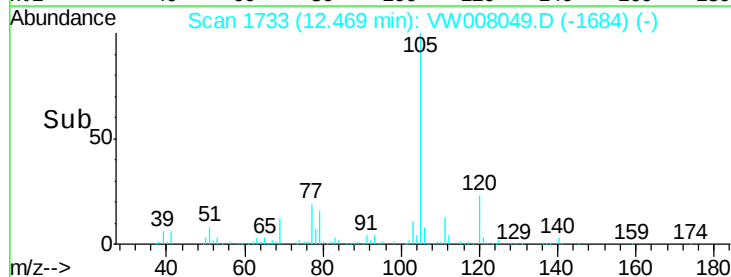
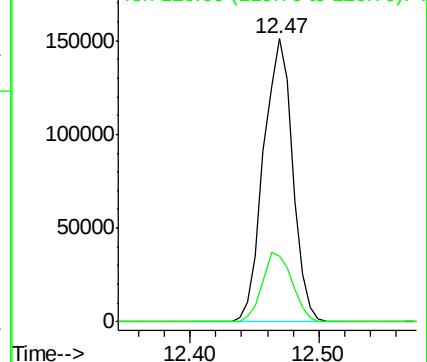
105 100

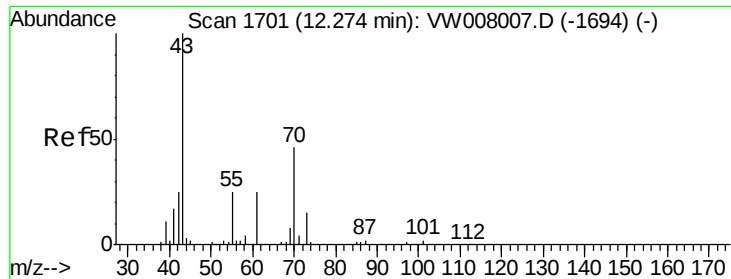
120 25.0 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 422.233 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW008049.D

Acq: 04 Jan 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

CPSB-10(10-15)

Tot Ion: 43 Resp: 132712

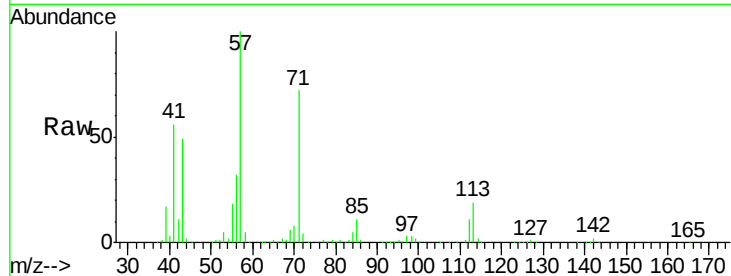
Ion Ratio Lower Upper

43 100

70 10.3 35.2 52.8#

55 35.5 21.4 32.0#

61 0.0 19.4 29.0#

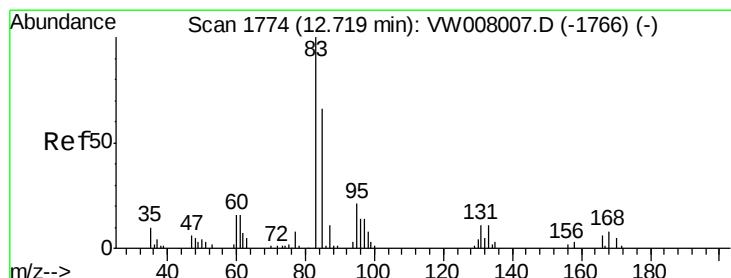
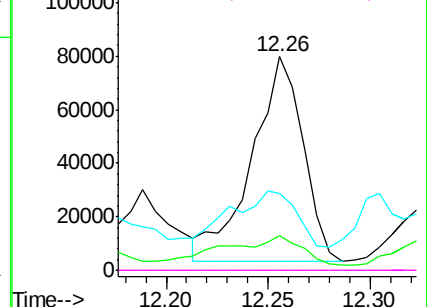
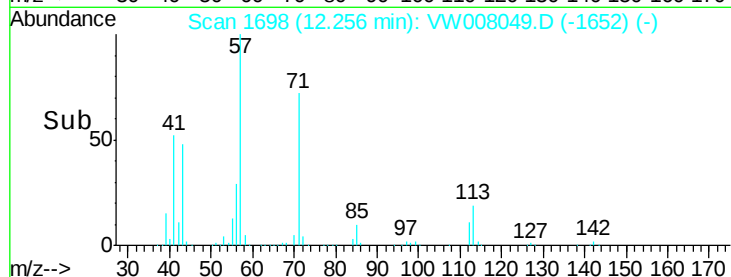


Abundance Ion 43.00 (42.70 to 43.70): VW

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: 45.170 ug/l

RT: 12.69 min Scan# 1769

Delta R.T. -0.03 min

Lab File: VW008049.D

Acq: 04 Jan 2019 15:56

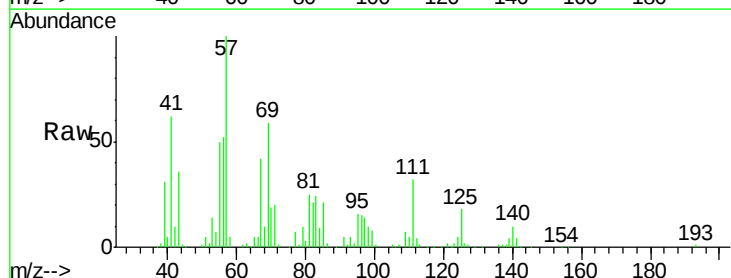
Tgt Ion: 83 Resp: 11605

Ion Ratio Lower Upper

83 100

131 0.9 6.5 19.5#

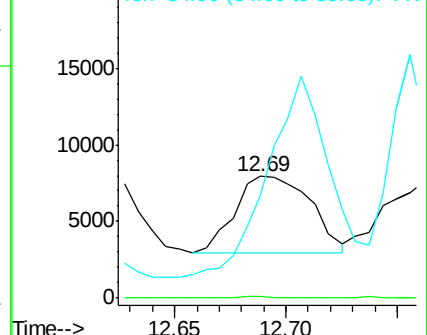
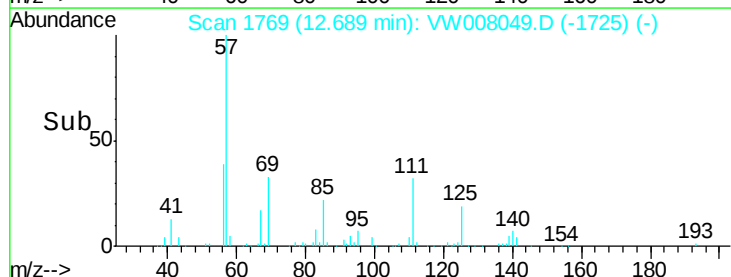
85 221.5 32.8 98.3#

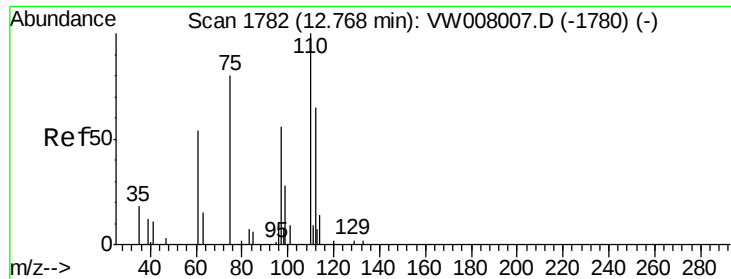


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW





#76

1,2,3-Trichloropropane

Concen: 83.054 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008049.D

Acq: 04 Jan 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

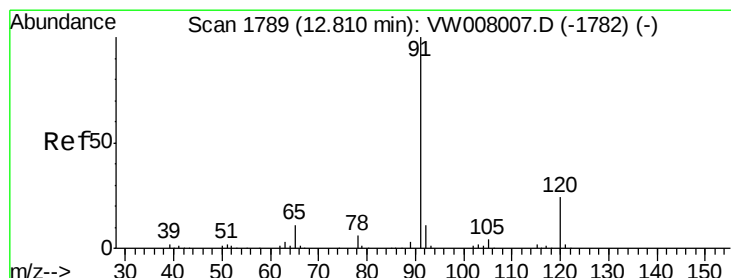
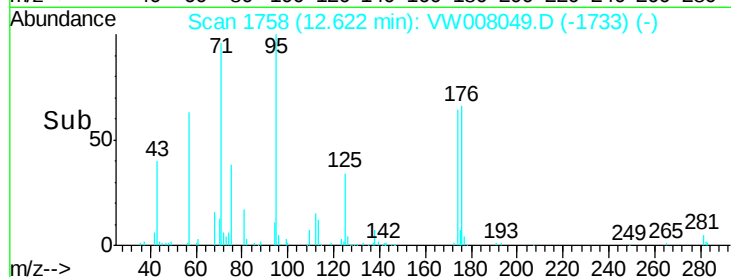
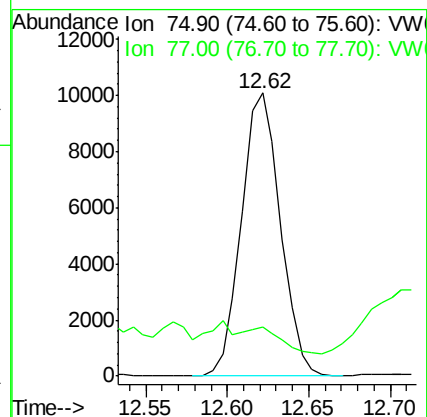
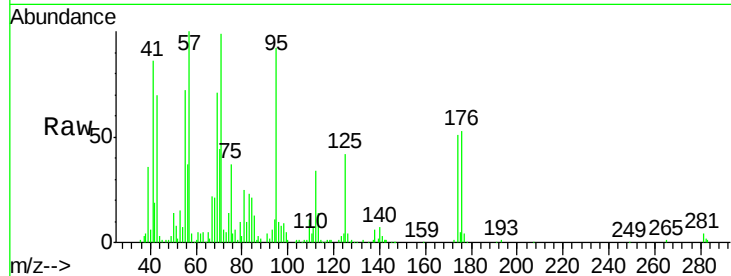
CPSB-10(10-15)

Tot Ion: 75 Resp: 16778

Ion Ratio Lower Upper

75 100

77 0.0 186.2 558.6#



#78

n-propylbenzene

Concen: 4.961 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW008049.D

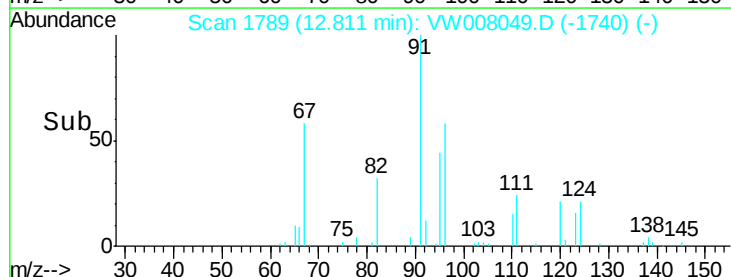
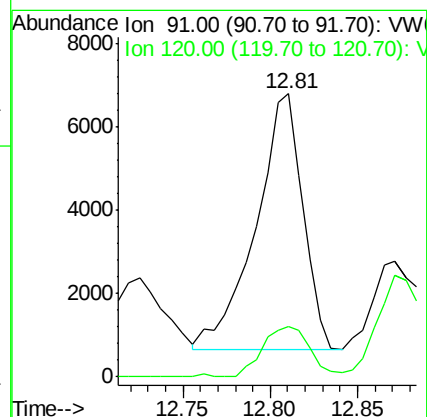
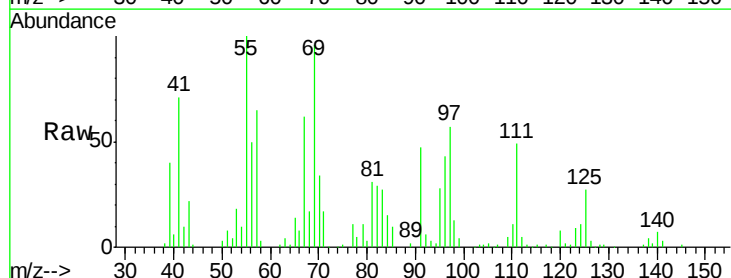
Acq: 04 Jan 2019 15:56

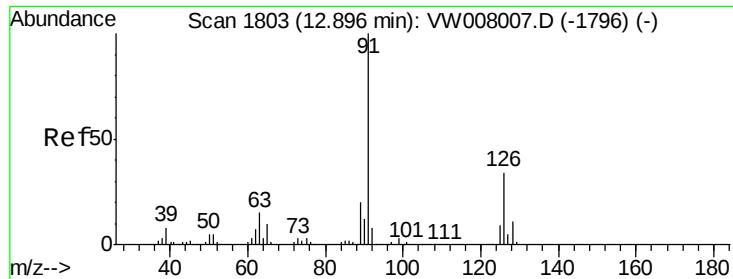
Tgt Ion: 91 Resp: 11613

Ion Ratio Lower Upper

91 100

120 19.8 11.5 34.5

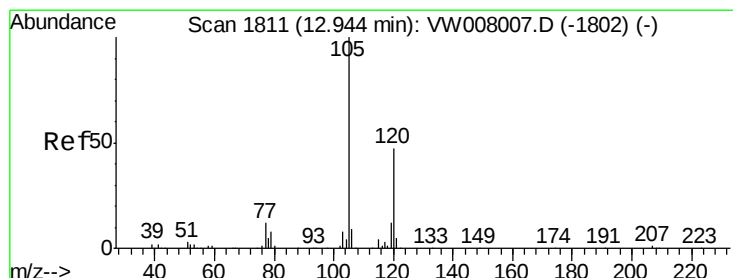
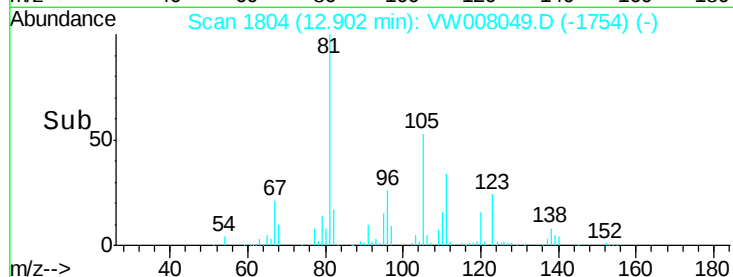
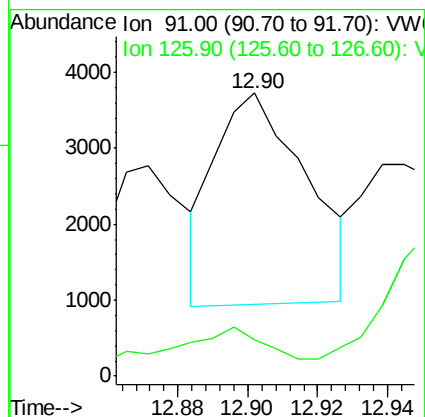
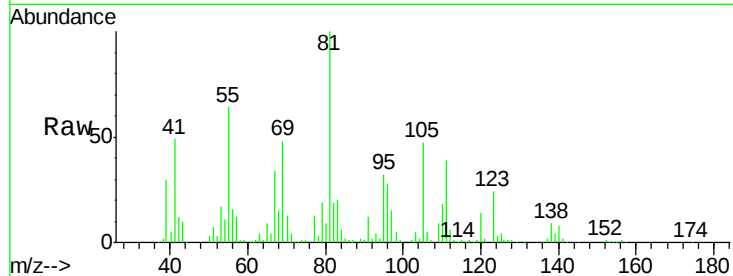




#79
 2-Chlorotoluene
 Concen: 3.755 ug/l
 RT: 12.90 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VW008049.D
 Acq: 04 Jan 2019 15:56

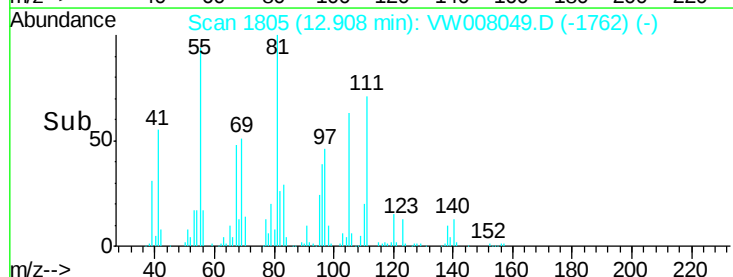
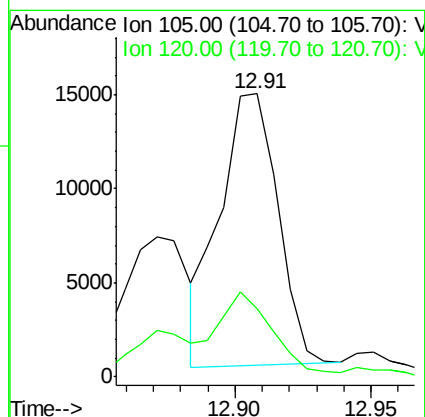
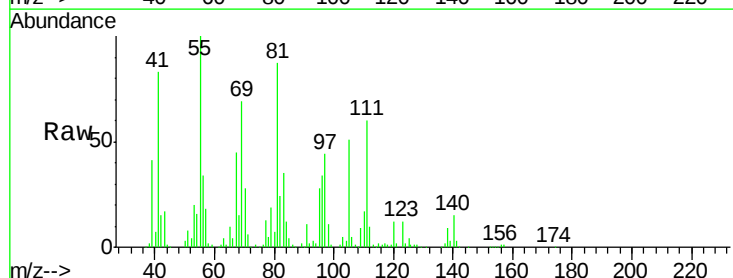
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-10(10-15)

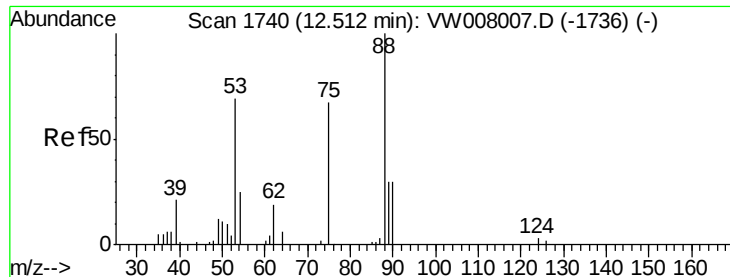
Tot Ion: 91 Resp: 5081
 Ion Ratio Lower Upper
 91 100
 126 13.2 17.1 51.2#



#80
 1,3,5-Trimethylbenzene
 Concen: 12.355 ug/l
 RT: 12.91 min Scan# 1805
 Delta R.T. -0.04 min
 Lab File: VW008049.D
 Acq: 04 Jan 2019 15:56

Tgt Ion: 105 Resp: 21473
 Ion Ratio Lower Upper
 105 100
 120 27.4 23.3 69.9

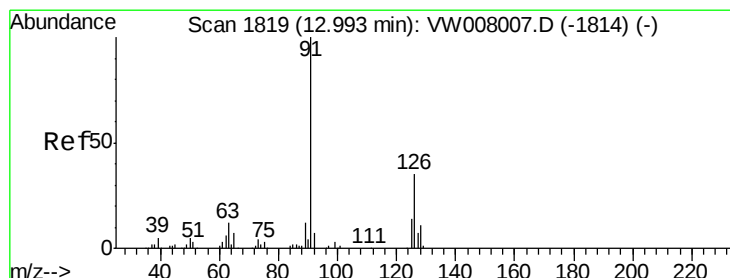
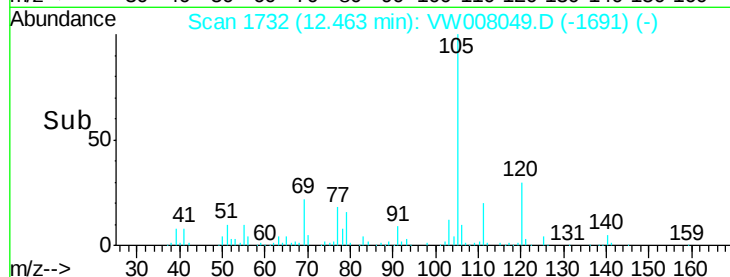
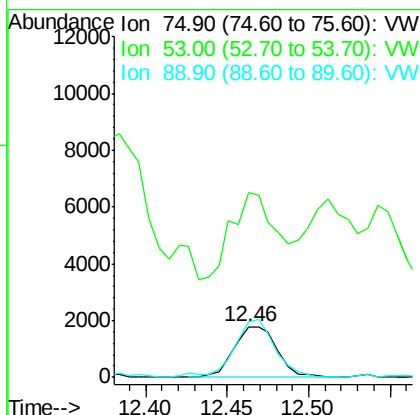
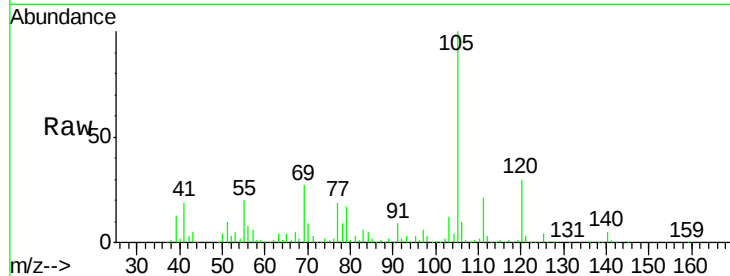




#81
trans-1,4-Dichloro-2-butene
Concen: 38.678 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.05 min
Lab File: VW008049.D
Acq: 04 Jan 2019 15:56

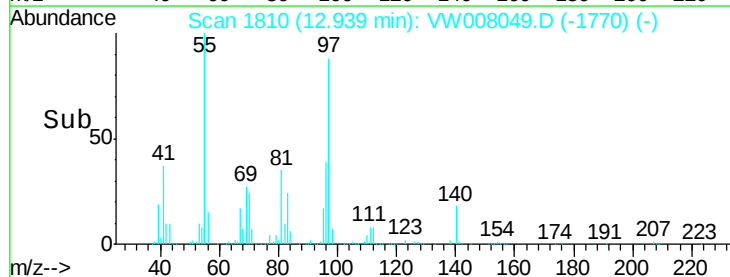
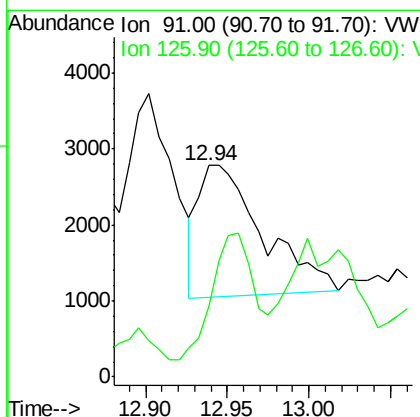
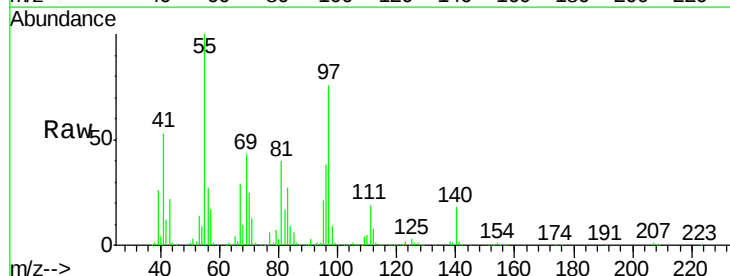
Instrument :
MSVOA_W
ClientSampleId :
CPSB-10(10-15)

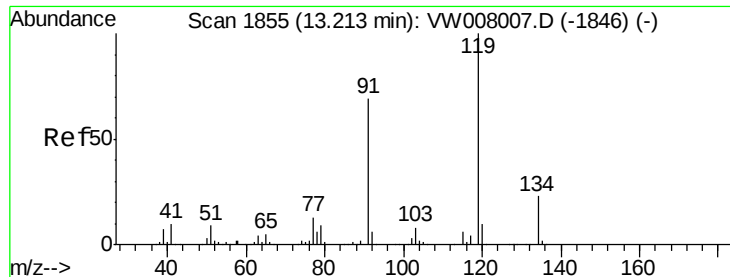
Tot Ion: 75 Resp: 3304
Ion Ratio Lower Upper
75 100
53 162.4 87.6 131.4#
89 108.1 42.2 63.2#



#82
4-Chlorotoluene
Concen: 3.290 ug/l
RT: 12.94 min Scan# 1810
Delta R.T. -0.05 min
Lab File: VW008049.D
Acq: 04 Jan 2019 15:56

Tgt Ion: 91 Resp: 4733
Ion Ratio Lower Upper
91 100
126 64.2 16.7 50.1#

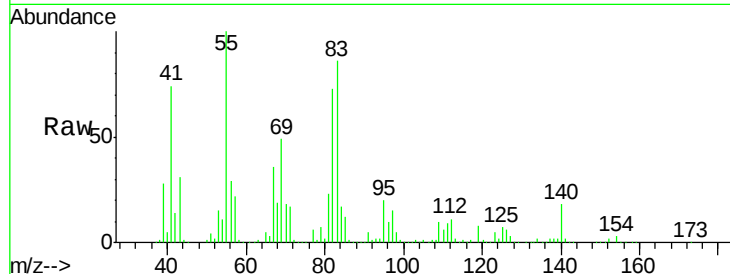




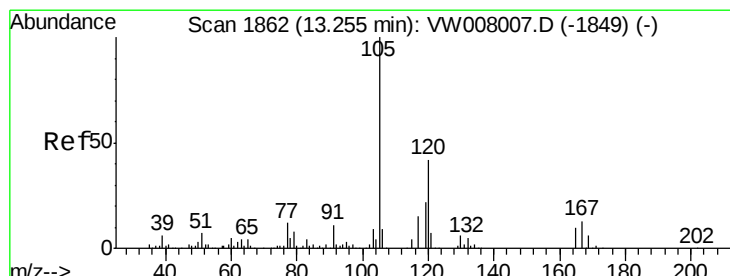
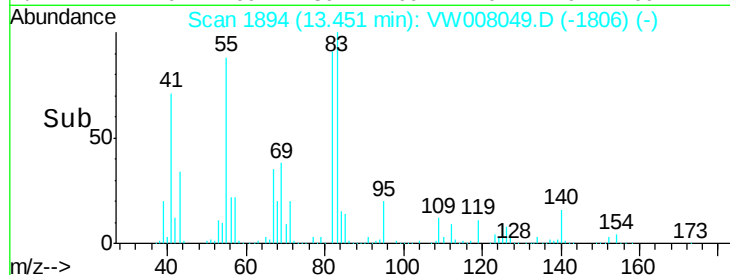
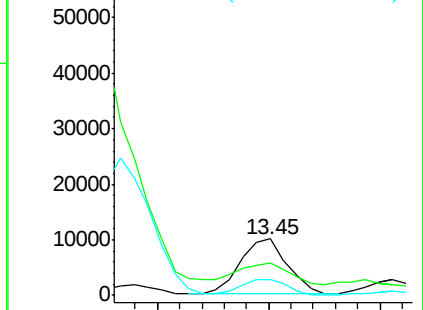
#83
tert-Butylbenzene
Concen: 9.712 ug/l
RT: 13.45 min Scan# 1894
Delta R.T. 0.24 min
Lab File: VW008049.D
Acq: 04 Jan 2019 15:56

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

Tot Ion:119 Resp: 14768
Ion Ratio Lower Upper
119 100
91 40.3 34.7 104.1
134 29.3 11.5 34.4

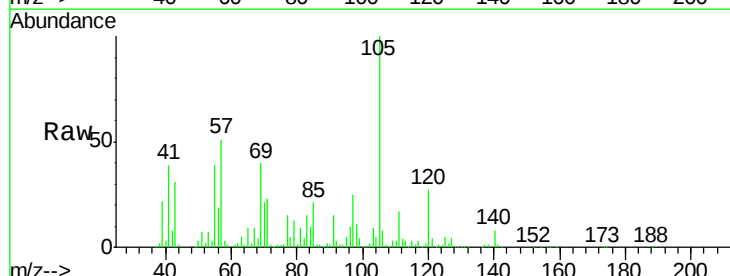


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

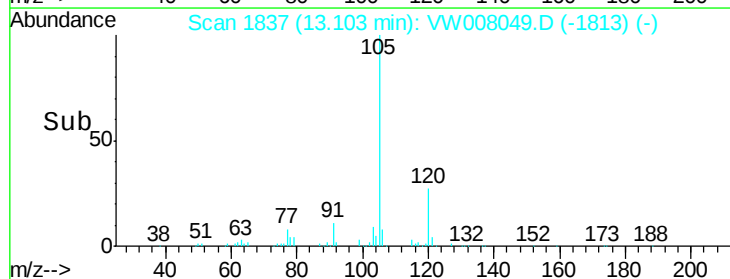
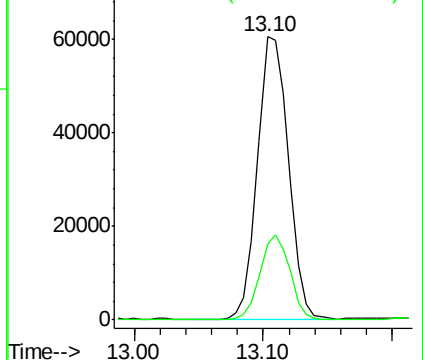


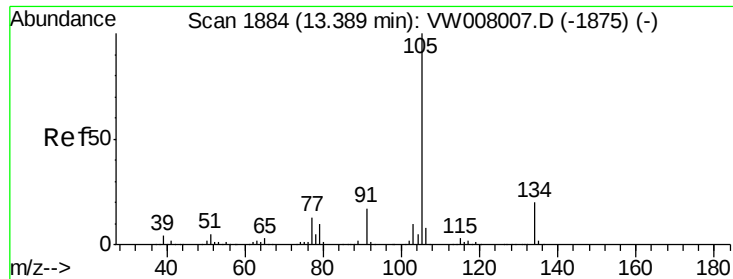
#84
1,2,4-Trimethylbenzene
Concen: 56.809 ug/l
RT: 13.10 min Scan# 1837
Delta R.T. -0.15 min
Lab File: VW008049.D
Acq: 04 Jan 2019 15:56

Tgt Ion:105 Resp: 100011
Ion Ratio Lower Upper
105 100
120 29.1 21.5 64.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 77.560 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW008049.D

Acq: 04 Jan 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

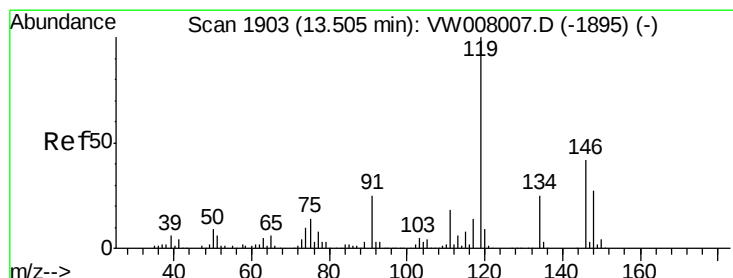
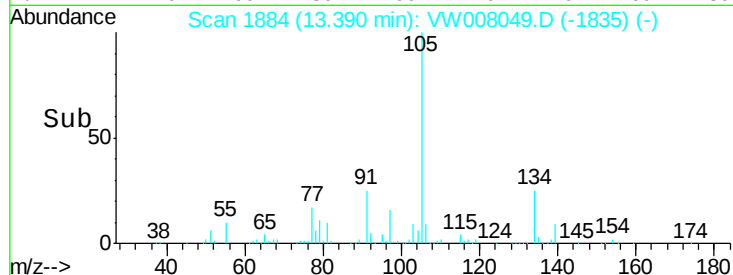
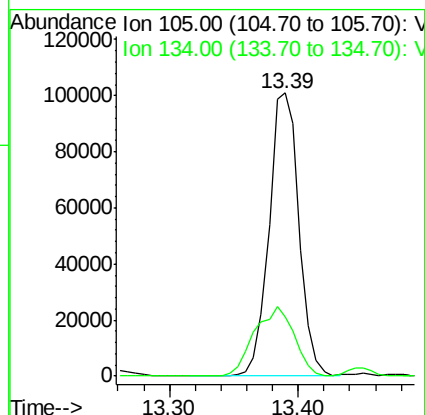
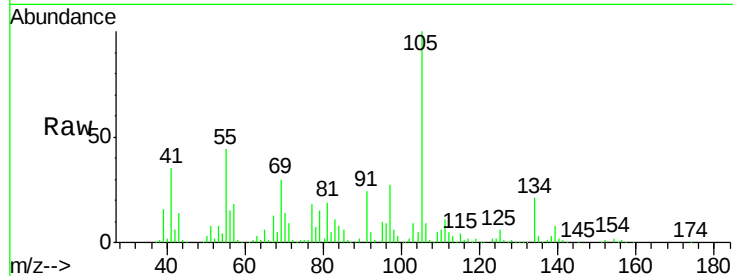
CPSB-10(10-15)

Tot Ion:105 Resp: 162244

Ion Ratio Lower Upper

105 100

134 32.8 9.7 28.9#



#86

p-Isopropyltoluene

Concen: 16.409 ug/l

RT: 13.66 min Scan# 1928

Delta R.T. 0.15 min

Lab File: VW008049.D

Acq: 04 Jan 2019 15:56

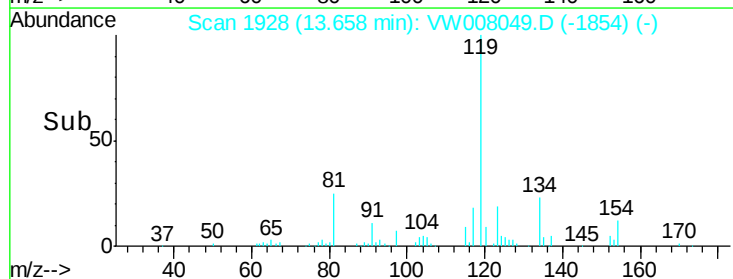
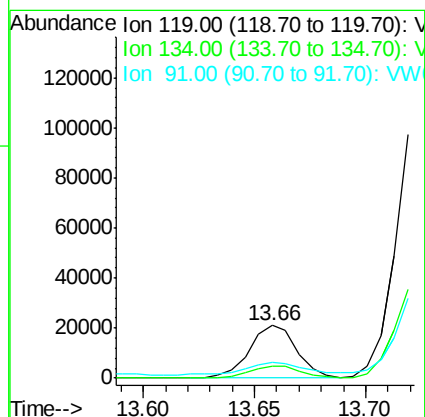
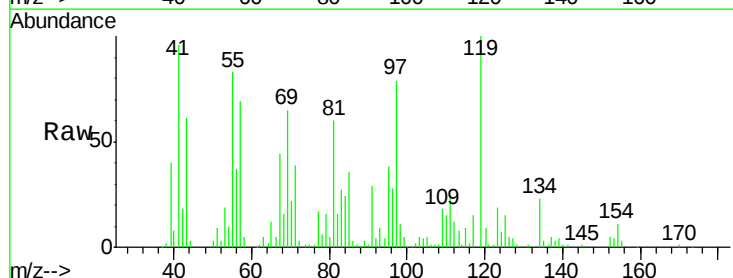
Tgt Ion:119 Resp: 30962

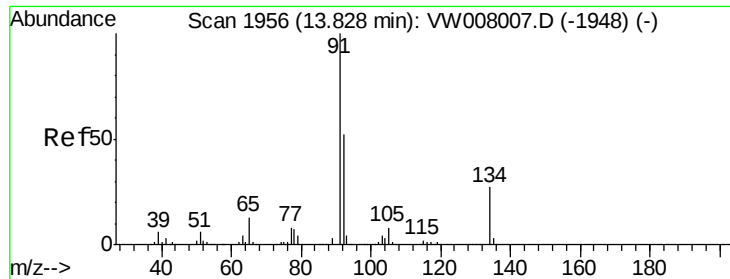
Ion Ratio Lower Upper

119 100

134 25.0 12.5 37.5

91 32.9 13.1 39.3





#89

n-Butylbenzene

Concen: 60.437 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008049.D

Acq: 04 Jan 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

CPSB-10(10-15)

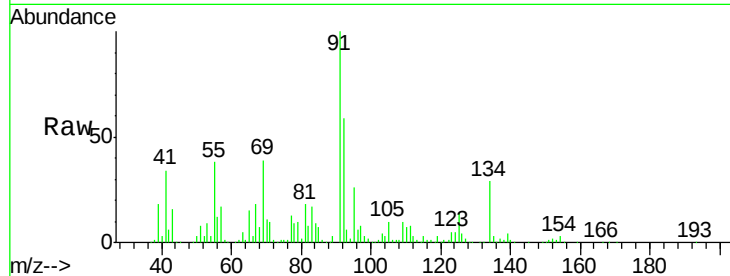
Tot Ion: 91 Resp: 104305

Ion Ratio Lower Upper

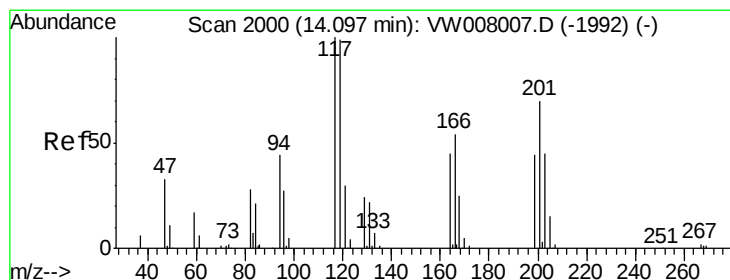
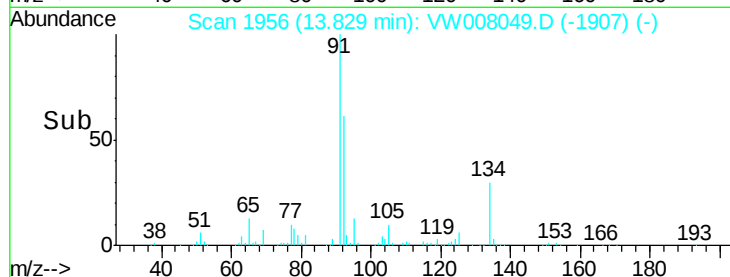
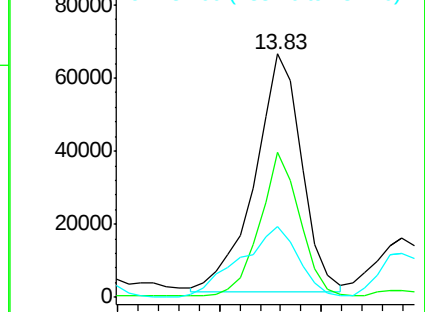
91 100

92 51.6 26.4 79.2

134 36.4 13.4 40.2



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 155.888 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW008049.D

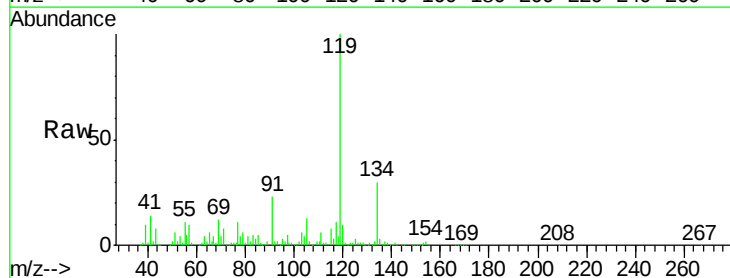
Acq: 04 Jan 2019 15:56

Tgt Ion: 117 Resp: 51038

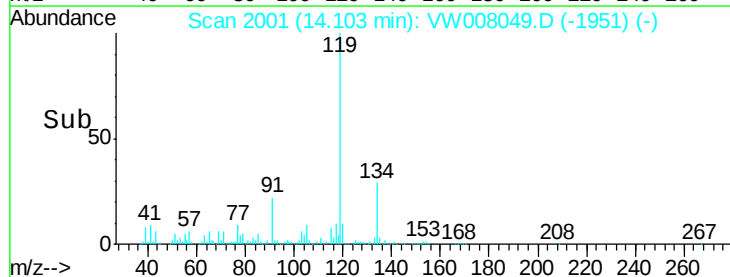
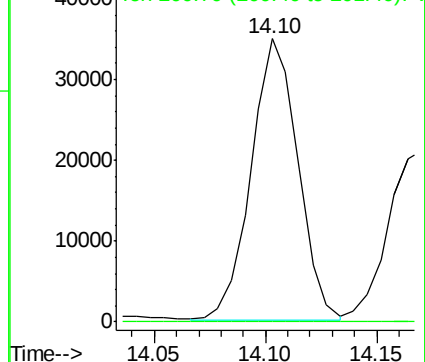
Ion Ratio Lower Upper

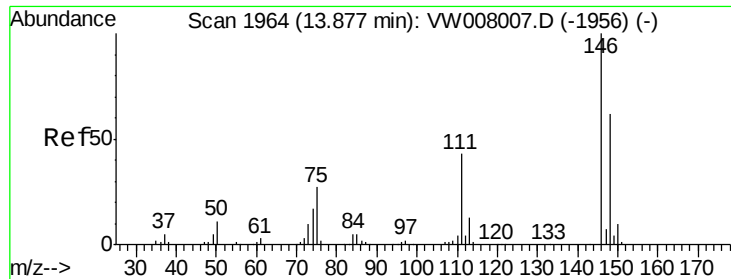
117 100

201 0.0 37.1 111.5#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 4.815 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW008049.D

Acq: 04 Jan 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

CPSB-10(10-15)

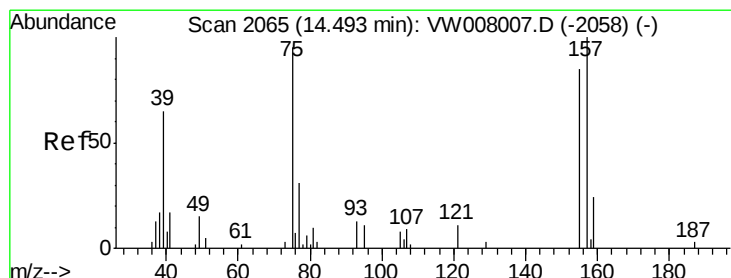
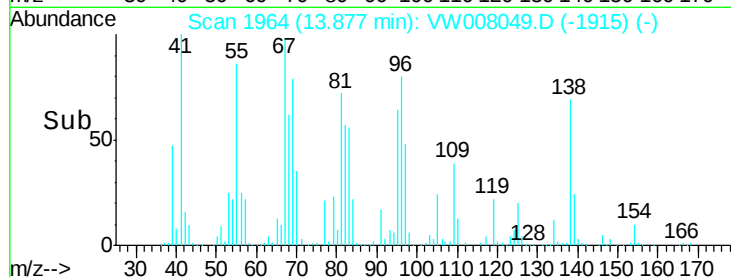
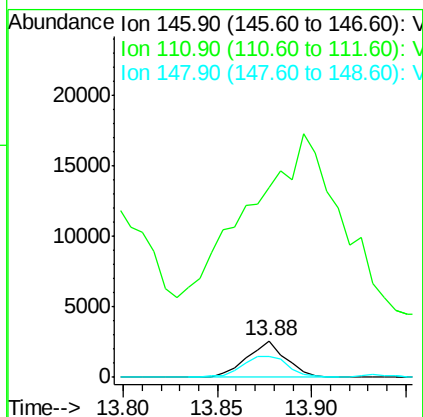
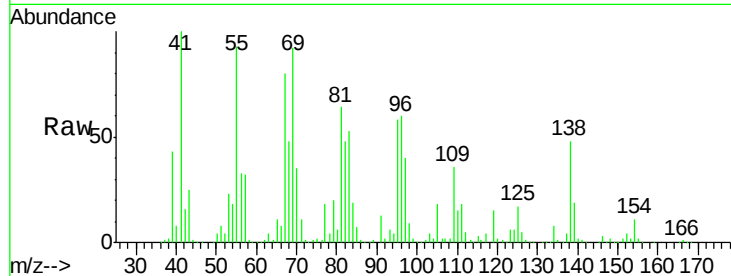
Tot Ion:146 Resp: 3705

Ion Ratio Lower Upper

146 100

111 1328.8 22.6 67.7#

148 68.6 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 29.591 ug/l

RT: 14.51 min Scan# 2068

Delta R.T. 0.02 min

Lab File: VW008049.D

Acq: 04 Jan 2019 15:56

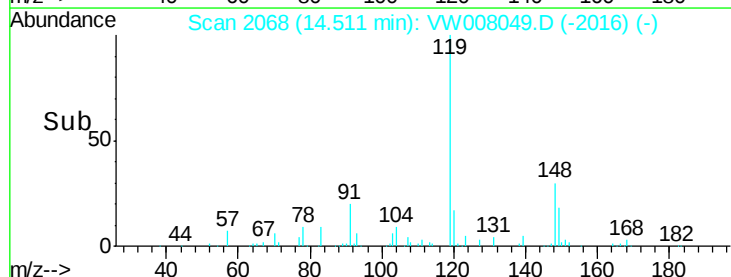
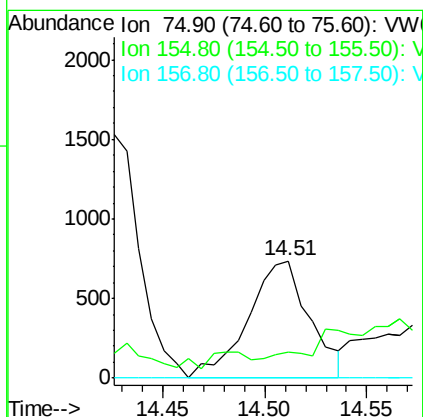
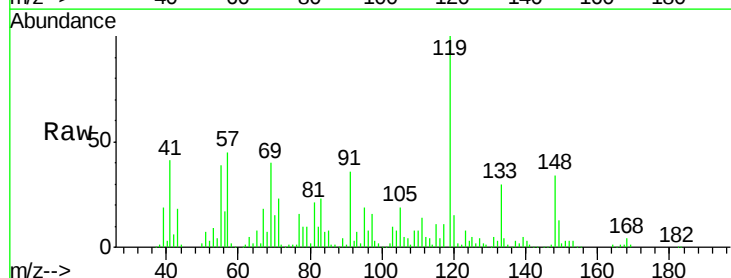
Tgt Ion: 75 Resp: 1543

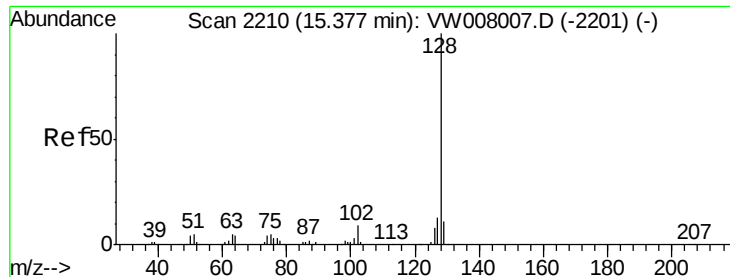
Ion Ratio Lower Upper

75 100

155 17.9 42.4 127.1#

157 0.0 52.3 156.8#





#95

Naphthalene

Concen: 1.468 ug/l

RT: 15.33 min Scan# 2203

Delta R.T. -0.04 min

Lab File: VW008049.D

Acq: 04 Jan 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

CPSB-10(10-15)

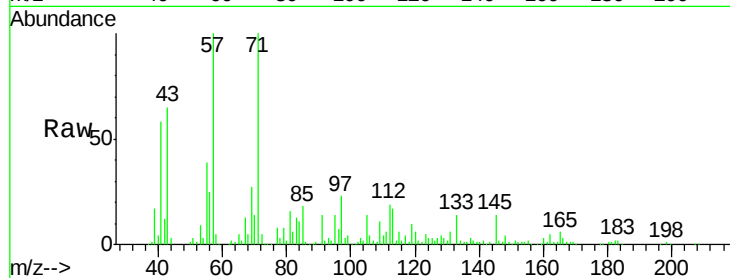
Tot Ion:128 Resp: 1351

Ion Ratio Lower Upper

128 100

127 294.7 10.8 16.2#

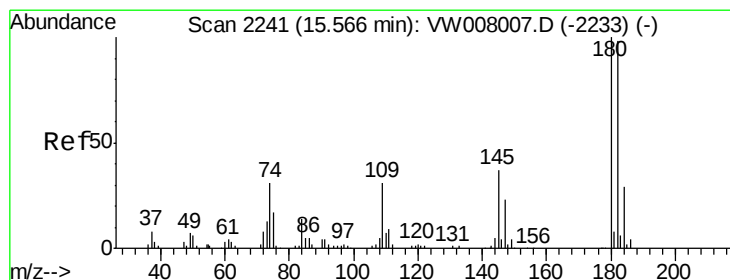
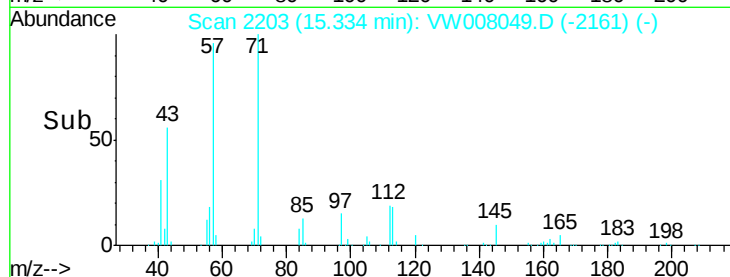
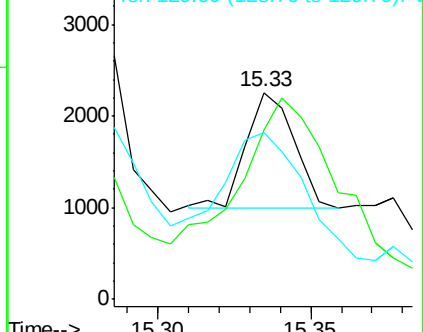
129 188.5 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 3.740 ug/l

RT: 15.58 min Scan# 2244

Delta R.T. 0.02 min

Lab File: VW008049.D

Acq: 04 Jan 2019 15:56

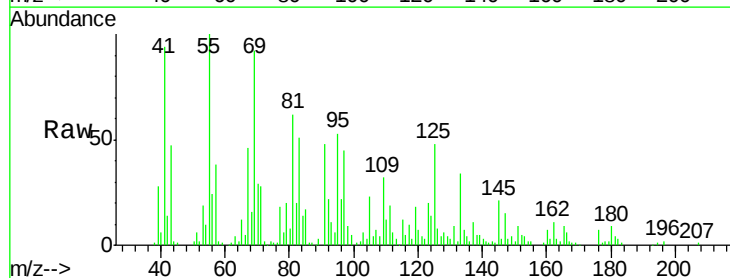
Tgt Ion:180 Resp: 1663

Ion Ratio Lower Upper

180 100

182 48.1 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

