

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011519\
 Data File : VW008282.D
 Acq On : 15 Jan 2019 14:18
 Operator : SY/VA
 Sample : K1088-08MS
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)MS

Quant Time: Jan 16 01:18:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	145993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	264102	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	201828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	74911	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	80776	49.23	ug/l	0.00
Spiked Amount			Recovery	=	98.46%	
35) Dibromofluoromethane	7.88	113	84631	54.94	ug/l	0.00
Spiked Amount			Recovery	=	109.88%	
50) Toluene-d8	10.32	98	297412	46.01	ug/l	0.00
Spiked Amount			Recovery	=	92.02%	
62) 4-Bromofluorobenzene	12.62	95	86812	37.46	ug/l	0.00
Spiked Amount			Recovery	=	74.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	29359	24.641	ug/l	99
3) Chloromethane	2.21	50	39410	25.495	ug/l	97
4) Vinyl Chloride	2.37	62	51775	25.663	ug/l	99
5) Bromomethane	2.79	94	37295	24.677	ug/l	92
6) Chloroethane	2.93	64	35608	23.455	ug/l	100
7) Trichlorofluoromethane	3.26	101	32123	19.585	ug/l	98
8) Diethyl Ether	3.68	74	23357	25.190	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	18463	11.338	ug/l	93
10) Methyl Iodide	4.26	142	59915	25.245	ug/l	98
11) Tert butyl alcohol	5.23	59	11301m	95.628	ug/l	
12) 1,1-Dichloroethene	4.04	96	35308	22.084	ug/l	97
13) Acrolein	3.90	56	5561	49.707	ug/l	97
14) Allyl chloride	4.67	41	67320	23.192	ug/l	98
15) Acrylonitrile	5.37	53	38123	107.994	ug/l	98
16) Acetone	4.14	43	42192	133.169	ug/l	97
17) Carbon Disulfide	4.37	76	106115	21.247	ug/l	99
18) Methyl Acetate	4.67	43	25648	24.732	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	63693	24.505	ug/l	97
20) Methylene Chloride	4.91	84	45931	26.136	ug/l	88
21) trans-1,2-Dichloroethene	5.42	96	42213	24.296	ug/l	90
22) Diisopropyl ether	6.31	45	138685	25.051	ug/l	98
23) Vinyl Acetate	6.26	43	301530	103.707	ug/l	100
24) 1,1-Dichloroethane	6.21	63	79137	24.534	ug/l	98
25) 2-Butanone	7.18	43	52804	115.663	ug/l	99
26) 2,2-Dichloropropane	7.16	77	45601	20.864	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	46922	24.753	ug/l	94
28) Bromochloromethane	7.51	49	29334	22.992	ug/l	88
29) Tetrahydrofuran	7.54	42	32525	106.654	ug/l	98
30) Chloroform	7.67	83	78502	25.568	ug/l	97
31) Cyclohexane	7.95	56	25736	7.453	ug/l	# 92
32) 1,1,1-Trichloroethane	7.87	97	50275	18.819	ug/l	99
36) 1,1-Dichloropropene	8.08	75	40833	15.009	ug/l	98
37) Ethyl Acetate	7.25	43	23189	21.276	ug/l	97
38) Carbon Tetrachloride	8.06	117	34975	14.046	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	37337	10.824	ug/l	96
40) Benzene	8.32	78	159354	21.596	ug/l	95
41) Methacrylonitrile	7.48	41	12018	17.455	ug/l #	92
42) 1,2-Dichloroethane	8.40	62	47172	22.730	ug/l	96
43) Isopropyl Acetate	8.43	43	47918	21.989	ug/l	98
44) Trichloroethene	9.09	130	33323	17.642	ug/l	95
45) 1,2-Dichloropropane	9.37	63	40768	22.282	ug/l	95
46) Dibromomethane	9.46	93	20111	22.382	ug/l	95
47) Bromodichloromethane	9.65	83	52875	23.175	ug/l #	99
48) Methyl methacrylate	9.43	41	22653	22.030	ug/l	95
49) 1,4-Dioxane	9.48	88	5717	395.635	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	113976	108.051	ug/l	100
52) Toluene	10.39	92	71862	15.250	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	49090	20.685	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	59833	21.261	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	28624	22.690	ug/l	96
56) Ethyl methacrylate	10.65	69	35258	22.568	ug/l	99
57) 1,3-Dichloropropane	10.93	76	47494	20.585	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.93	63	87419	108.324	ug/l	98
59) 2-Hexanone	10.97	43	81700	114.533	ug/l	99
60) Dibromochloromethane	11.13	129	30556	22.057	ug/l	100
61) 1,2-Dibromoethane	11.24	107	25888	21.627	ug/l	99
64) Tetrachloroethene	10.86	164	12977	9.880	ug/l	94
65) Chlorobenzene	11.66	112	69222	16.189	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	26395	18.979	ug/l	98
67) Ethyl Benzene	11.73	91	85485	10.926	ug/l	96
68) m/p-Xylenes	11.84	106	65726	22.010	ug/l	96
69) o-Xylene	12.17	106	39049	14.121	ug/l	95
70) Styrene	12.18	104	58108	13.415	ug/l	97
71) Bromoform	12.35	173	14140	22.718	ug/l #	93
73) Isopropylbenzene	12.47	105	99417	16.904	ug/l	86
74) N-amyl acetate	12.27	43	39672	30.460	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	25920	27.534	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	18538m	27.146	ug/l	
77) Bromobenzene	12.75	156	20719	16.673	ug/l	92
78) n-propylbenzene	12.80	91	68710	9.535	ug/l	98
79) 2-Chlorotoluene	12.90	91	42974	10.689	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	47385	9.805	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	8449	28.811	ug/l	89
82) 4-Chlorotoluene	12.99	91	46773	11.046	ug/l	99
83) tert-Butylbenzene	13.21	119	25771	6.027	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	55627	11.160	ug/l	99
85) sec-Butylbenzene	13.38	105	40594	6.481	ug/l	93
86) p-Isopropyltoluene	13.50	119	159204	29.436	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	24237	9.615	ug/l	96
88) 1,4-Dichlorobenzene	13.58	146	25376	10.033	ug/l	93
89) n-Butylbenzene	13.83	91	28988	5.472	ug/l	90
90) Hexachloroethane	14.10	117	6318	6.916	ug/l	81
91) 1,2-Dichlorobenzene	13.88	146	23355	10.542	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3812	25.162	ug/l	98

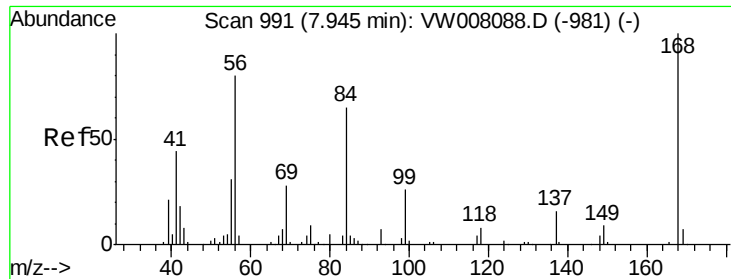
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	7372	5.012	ug/l #	44
94) Hexachlorobutadiene	15.24	225	2070	2.629	ug/l	97
95) Naphthalene	15.38	128	34225	12.462	ug/l	95
96) 1,2,3-Trichlorobenzene	15.57	180	6097	4.863	ug/l #	50

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008282.D

Acq: 15 Jan 2019 14:18

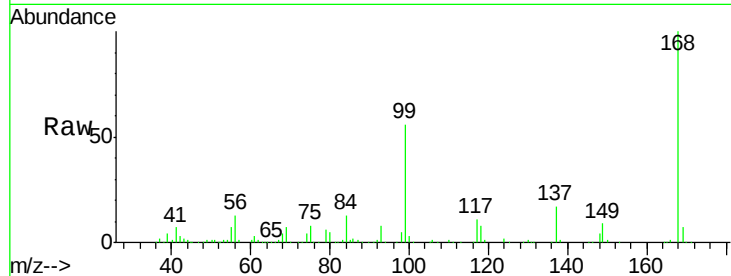
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MS

Tot Ion:168 Resp: 145993

Ion Ratio Lower Upper

168 100

99 56.1 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

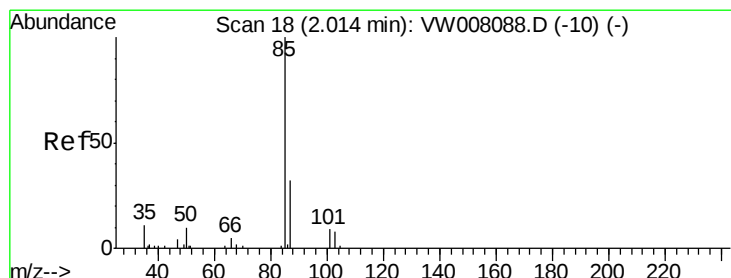
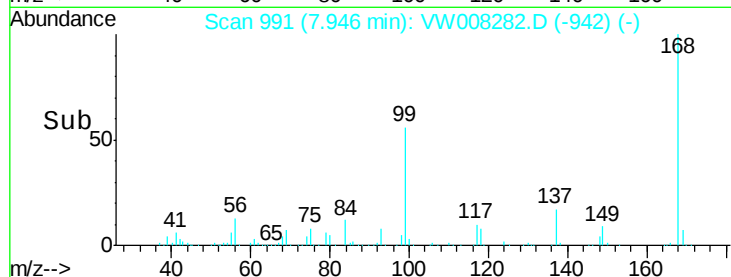
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 24.641 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW008282.D

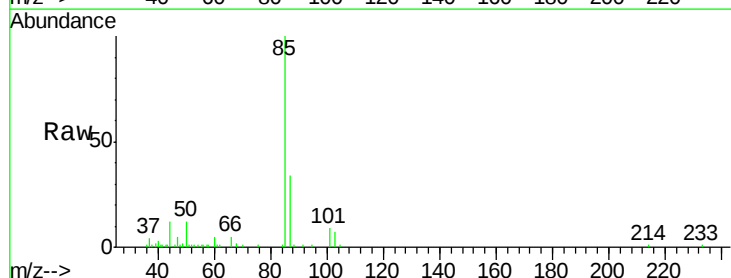
Acq: 15 Jan 2019 14:18

Tgt Ion: 85 Resp: 29359

Ion Ratio Lower Upper

85 100

87 32.5 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

10000

8000

6000

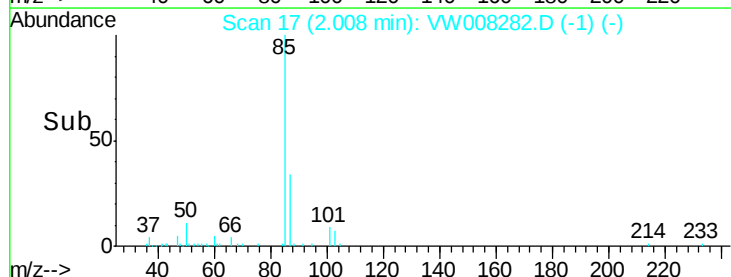
4000

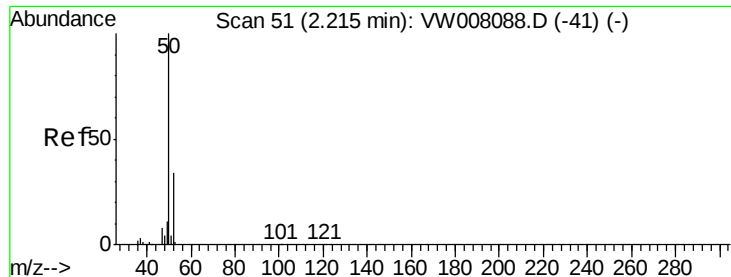
2000

0

1.90 2.00 2.10 2.20

Time-->

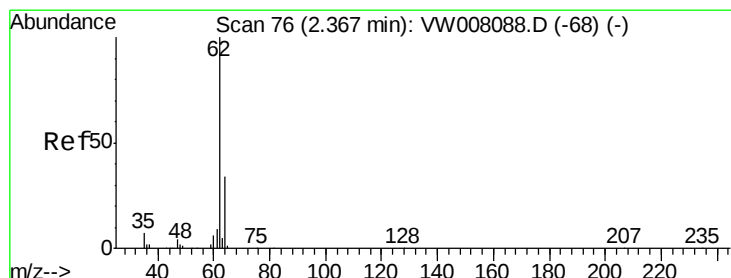
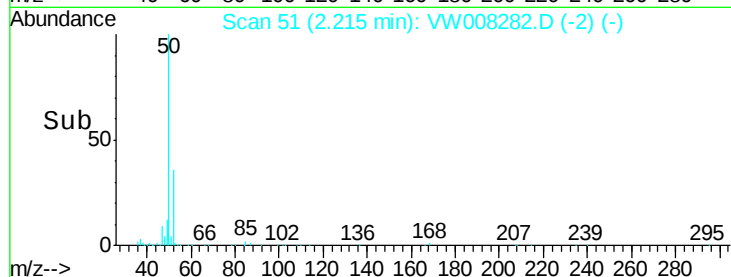
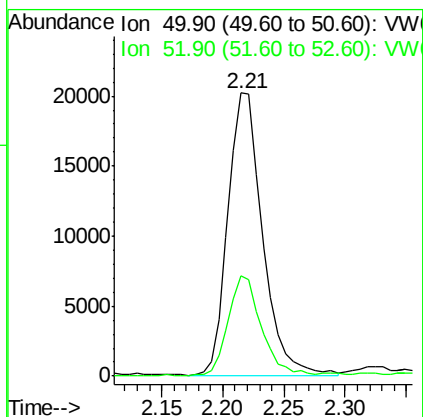
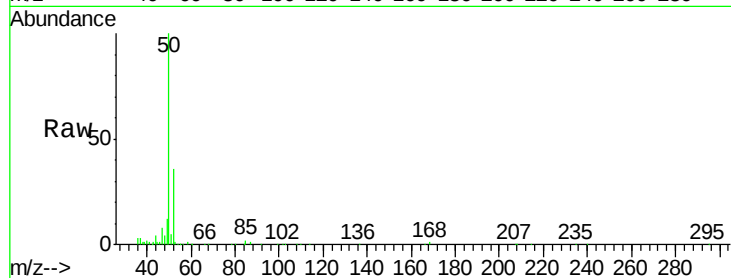




#3
Chloromethane
Concen: 25.495 ug/l
RT: 2.21 min Scan# 51
Delta R.T. 0.00 min
Lab File: VW008282.D
Acq: 15 Jan 2019 14:18

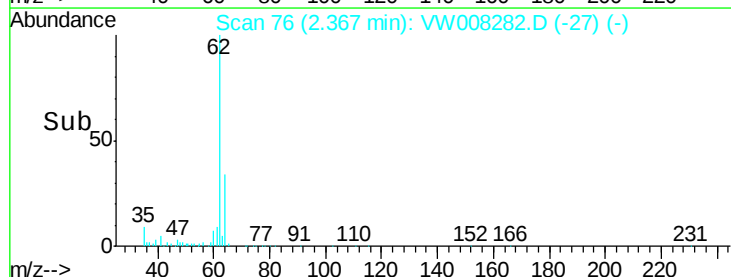
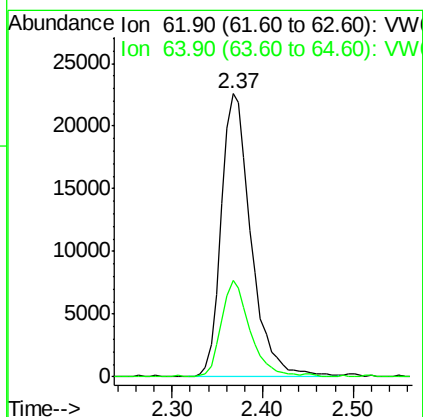
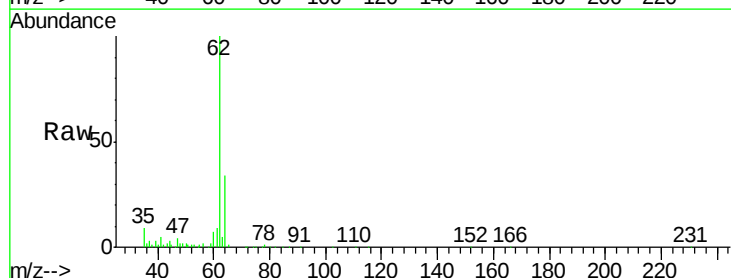
Instrument :
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CPSB-07(15-20)MS

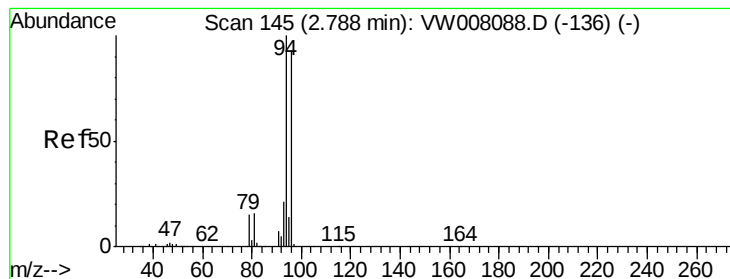
Tot Ion: 50 Resp: 39410
Ion Ratio Lower Upper
50 100
52 35.4 26.8 40.2



#4
Vinyl Chloride
Concen: 25.663 ug/l
RT: 2.37 min Scan# 76
Delta R.T. 0.00 min
Lab File: VW008282.D
Acq: 15 Jan 2019 14:18

Tgt Ion: 62 Resp: 51775
Ion Ratio Lower Upper
62 100
64 34.3 27.0 40.6





#5

Bromomethane

Concen: 24.677 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW008282.D

Acq: 15 Jan 2019 14:18

Instrument :

MSVOA_W

ClientSampleId :

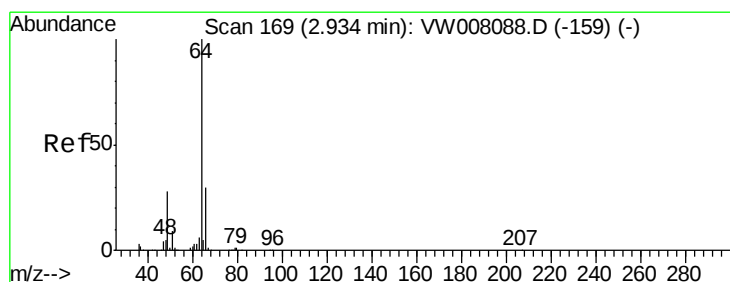
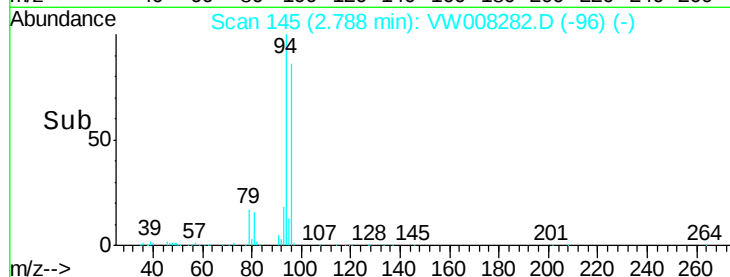
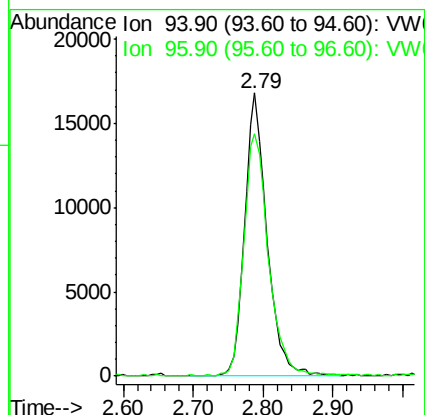
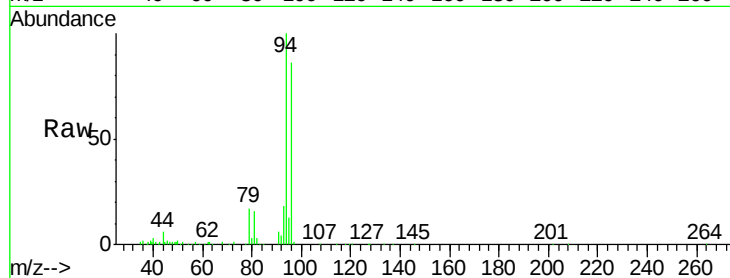
CPSB-07(15-20)MS

Tot Ion: 94 Resp: 37295

Ion Ratio Lower Upper

94 100

96 85.2 74.1 111.1



#6

Chloroethane

Concen: 23.455 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW008282.D

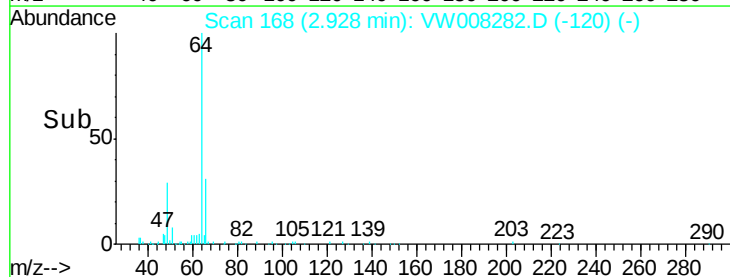
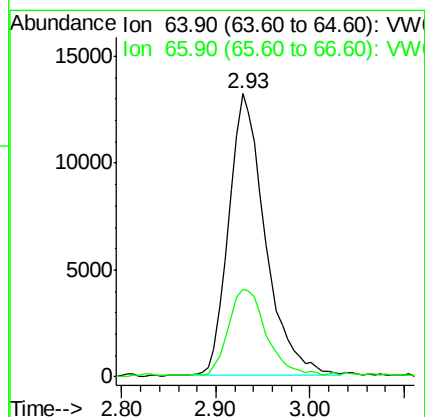
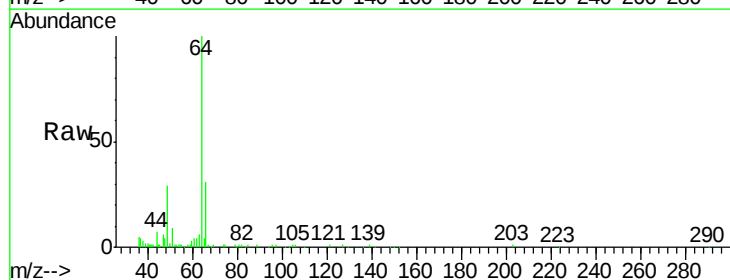
Acq: 15 Jan 2019 14:18

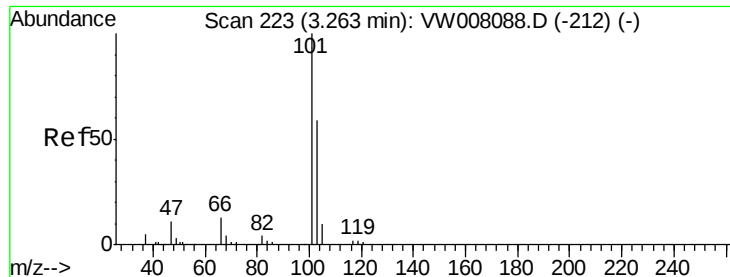
Tgt Ion: 64 Resp: 35608

Ion Ratio Lower Upper

64 100

66 30.3 24.2 36.2



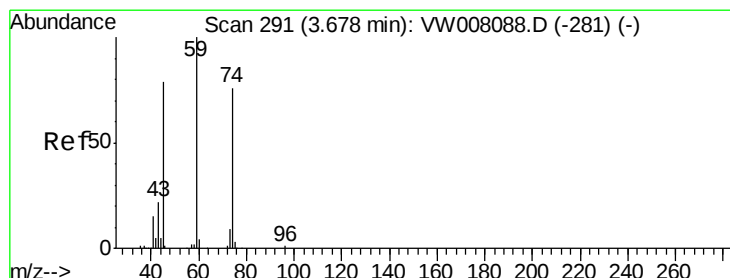
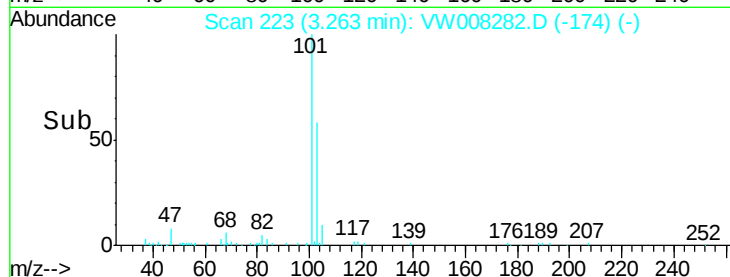
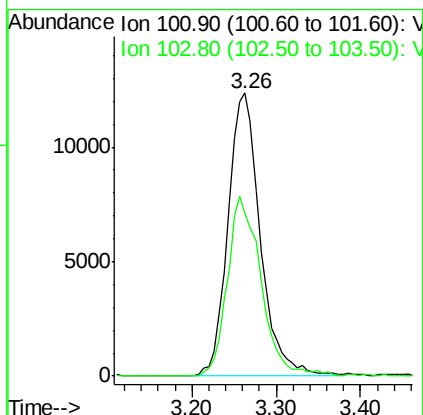
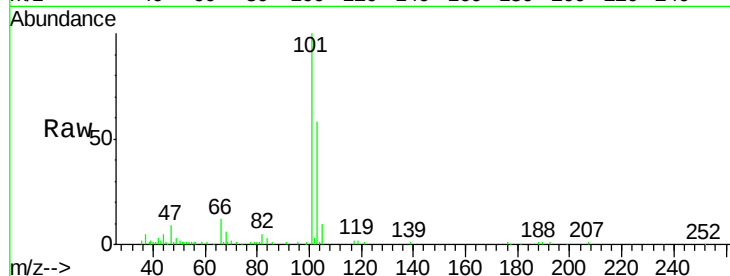


#7

Trichlorofluoromethane
 Concen: 19.585 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW008282.D
 Acq: 15 Jan 2019 14:18

Instrument :
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 CPSB-07(15-20)MS

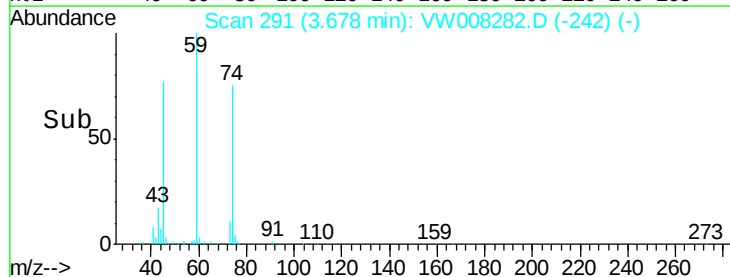
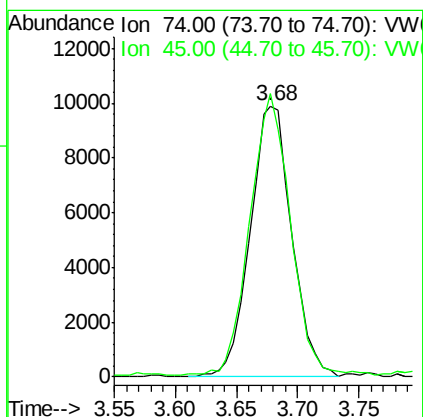
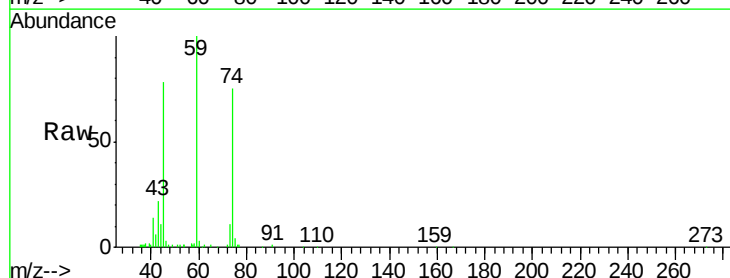
Tot Ion:101 Resp: 32123
 Ion Ratio Lower Upper
 101 100
 103 57.7 47.0 70.6

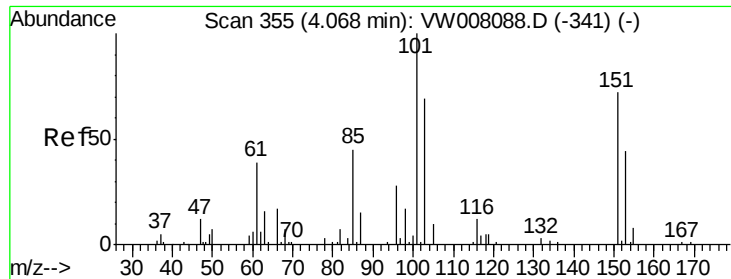


#8

Diethyl Ether
 Concen: 25.190 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW008282.D
 Acq: 15 Jan 2019 14:18

Tgt Ion: 74 Resp: 23357
 Ion Ratio Lower Upper
 74 100
 45 102.1 52.4 157.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 11.338 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW008282.D

Acq: 15 Jan 2019 14:18

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

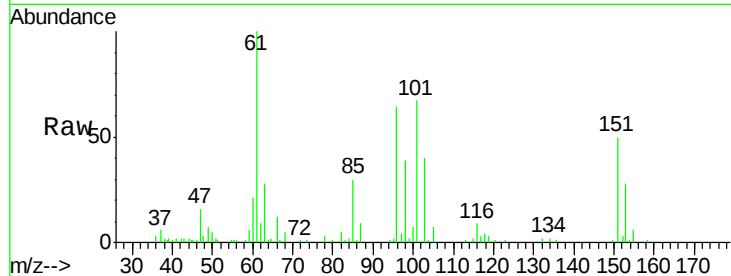
Tot Ion:101 Resp: 18463

Ion Ratio Lower Upper

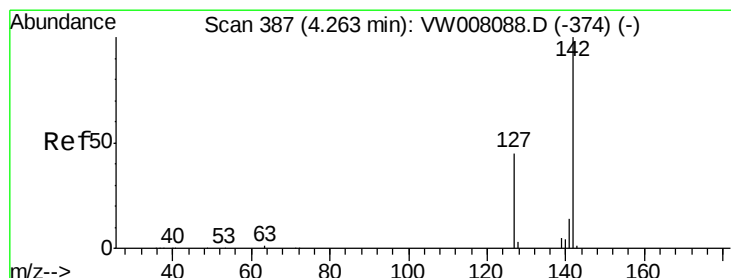
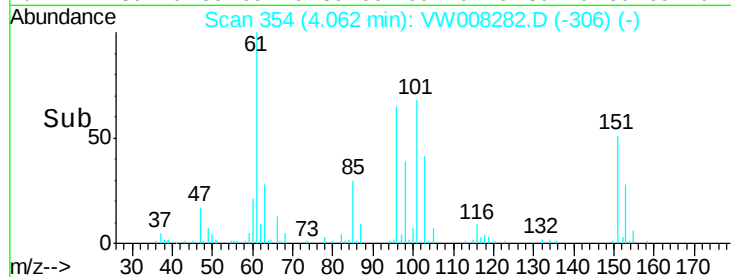
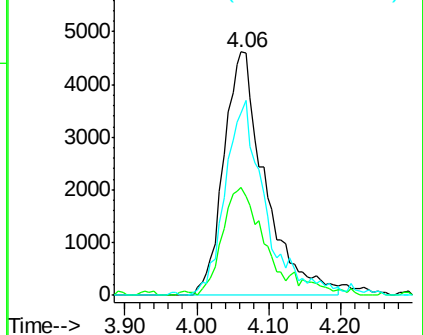
101 100

85 47.2 35.9 53.9

151 76.8 55.8 83.8



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 25.245 ug/l

RT: 4.26 min Scan# 386

Delta R.T. -0.01 min

Lab File: VW008282.D

Acq: 15 Jan 2019 14:18

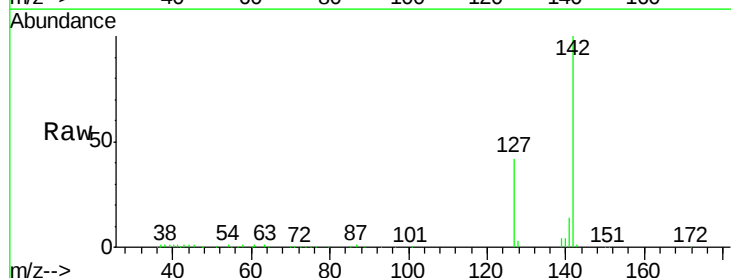
Tgt Ion:142 Resp: 59915

Ion Ratio Lower Upper

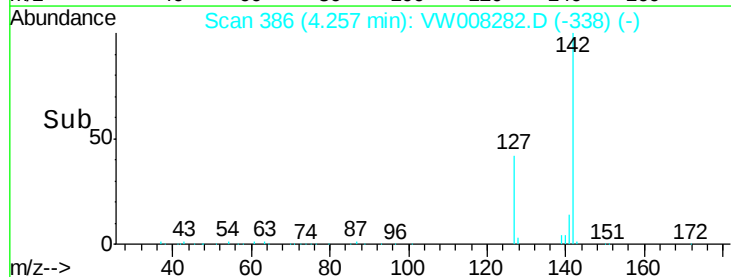
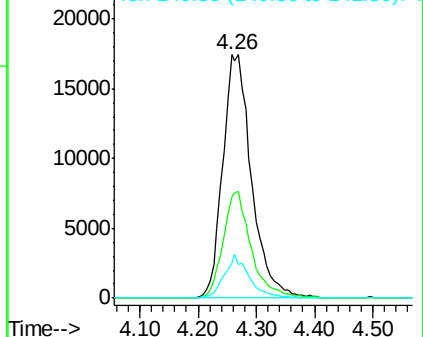
142 100

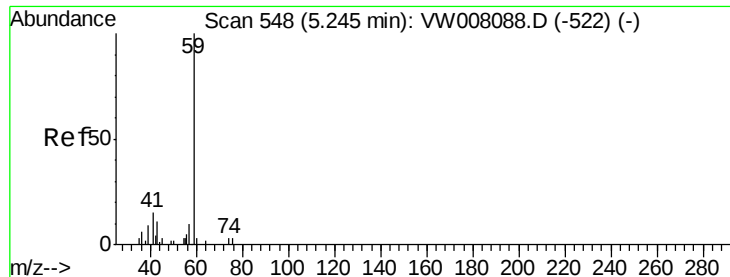
127 42.6 35.0 52.4

141 15.3 11.8 17.6



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



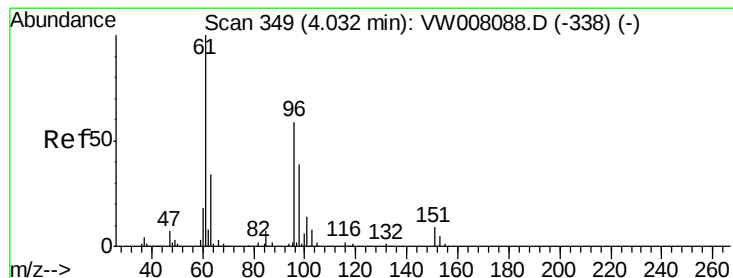
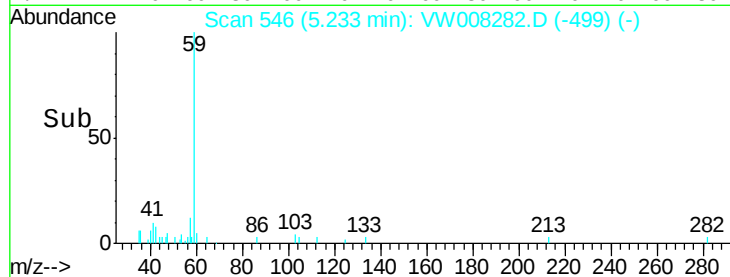
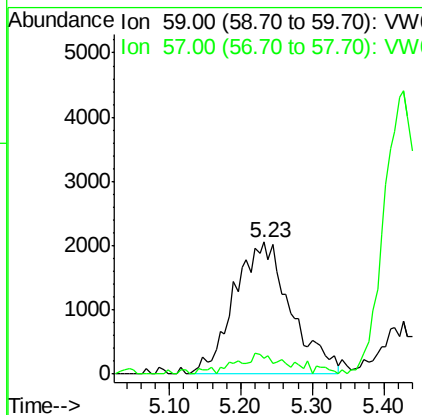
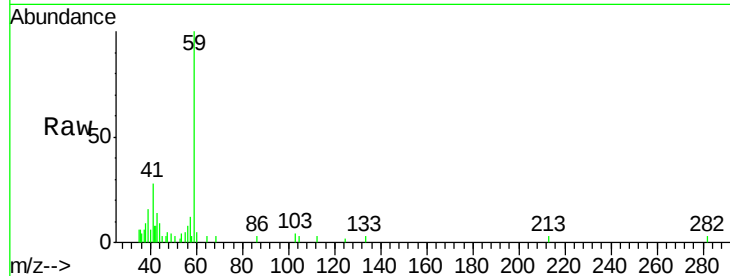


#11

Tert butyl alcohol
 Concen: 95.628 ug/l m
 RT: 5.23 min Scan# 546
 Delta R.T. -0.01 min
 Lab File: VW008282.D
 Acq: 15 Jan 2019 14:18

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)MS

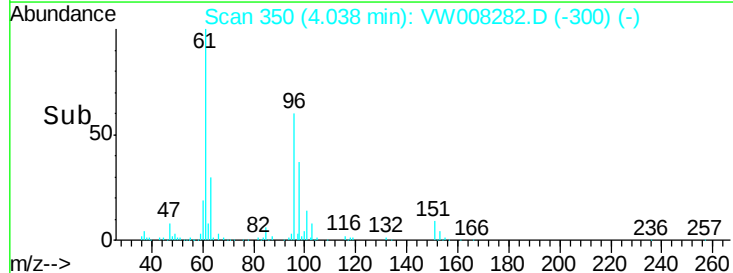
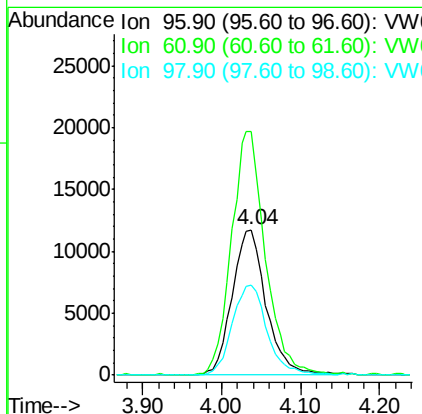
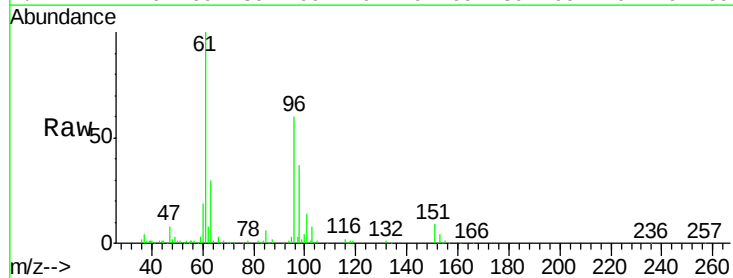
Tot Ion: 59 Resp: 11301
 Ion Ratio Lower Upper
 59 100
 57 4.8 0.0 0.0#

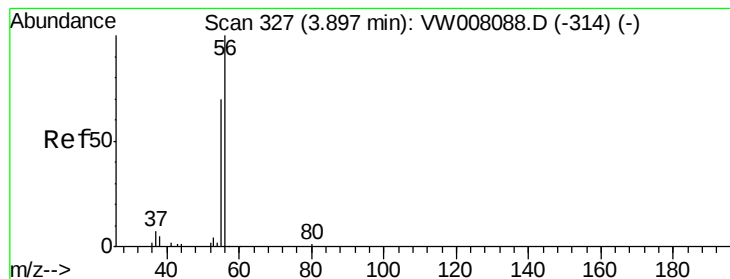


#12

1,1-Dichloroethene
 Concen: 22.084 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.01 min
 Lab File: VW008282.D
 Acq: 15 Jan 2019 14:18

Tgt Ion: 96 Resp: 35308
 Ion Ratio Lower Upper
 96 100
 61 167.1 135.4 203.2
 98 61.7 52.5 78.7





#13

Acrolein

Concen: 49.707 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW008282.D

Acq: 15 Jan 2019 14:18

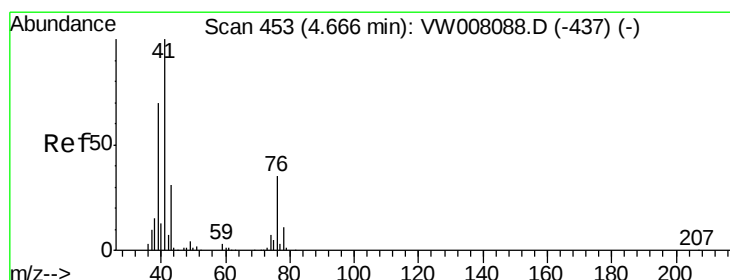
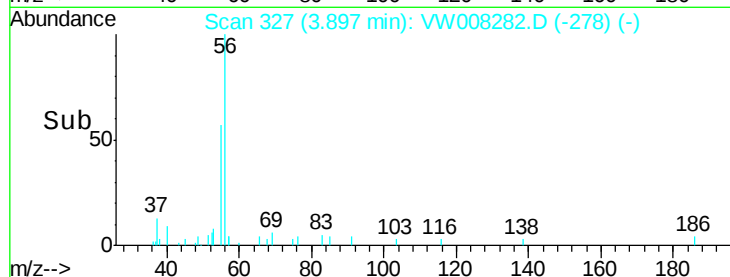
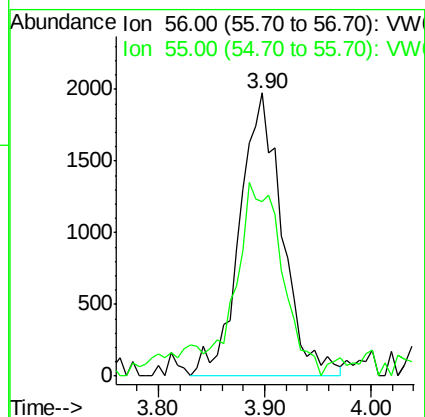
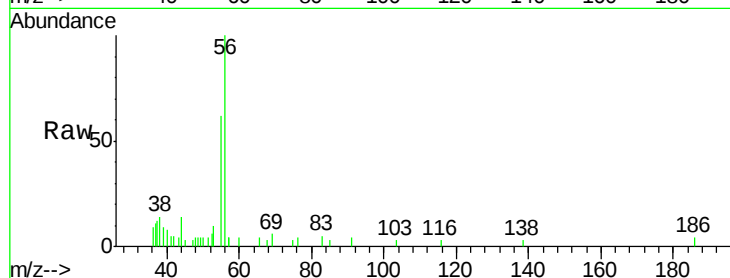
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MS

Tot Ion: 56 Resp: 5561

Ion Ratio Lower Upper

56 100

55 72.8 56.6 84.8



#14

Allyl chloride

Concen: 23.192 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW008282.D

Acq: 15 Jan 2019 14:18

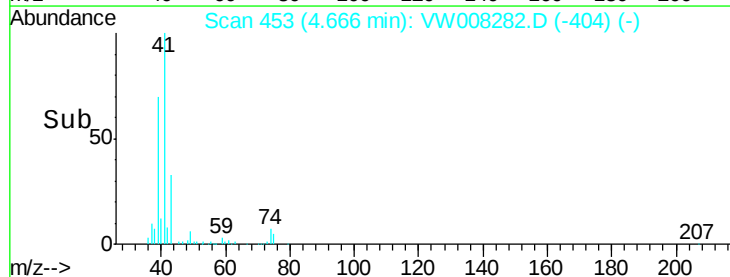
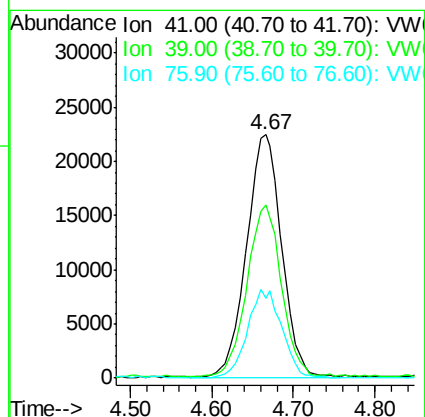
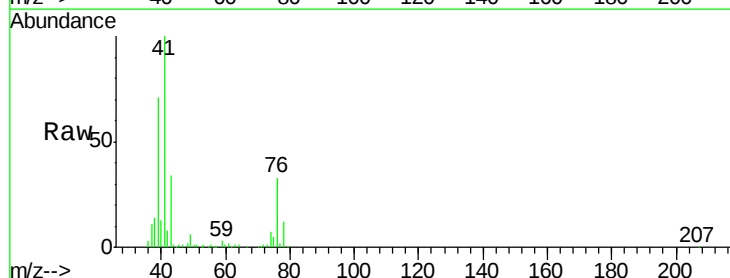
Tgt Ion: 41 Resp: 67320

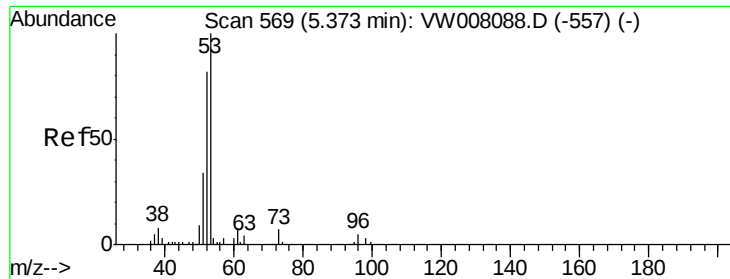
Ion Ratio Lower Upper

41 100

39 69.1 53.8 80.8

76 35.8 27.6 41.4





#15

Acrylonitrile

Concen: 107.994 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW008282.D

Acq: 15 Jan 2019 14:18

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

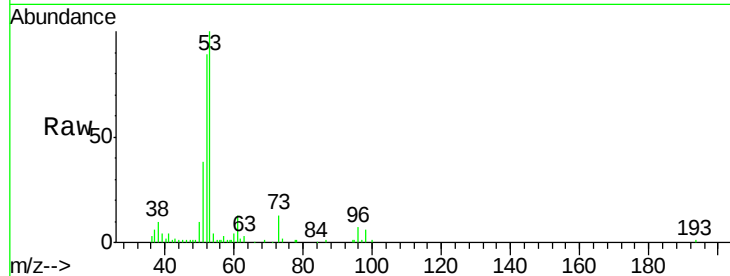
Tot Ion: 53 Resp: 38123

Ion Ratio Lower Upper

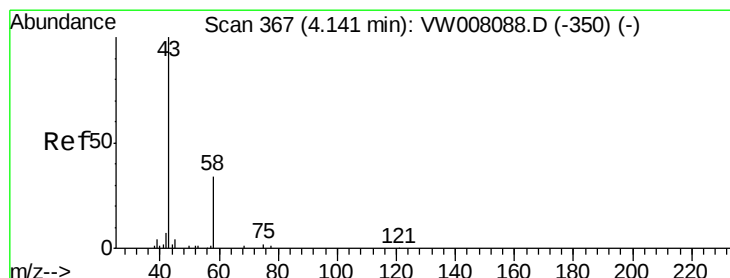
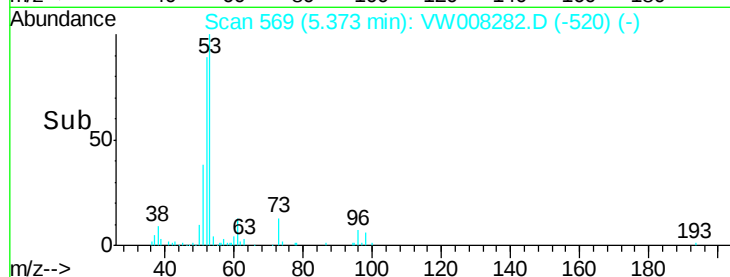
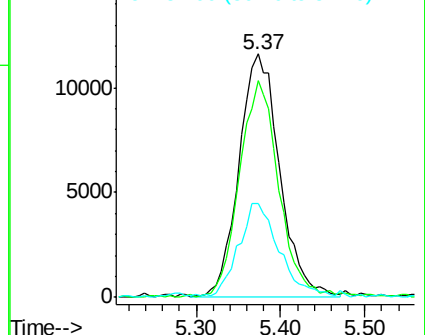
53 100

52 86.4 66.8 100.2

51 36.8 29.7 44.5



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: 133.169 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW008282.D

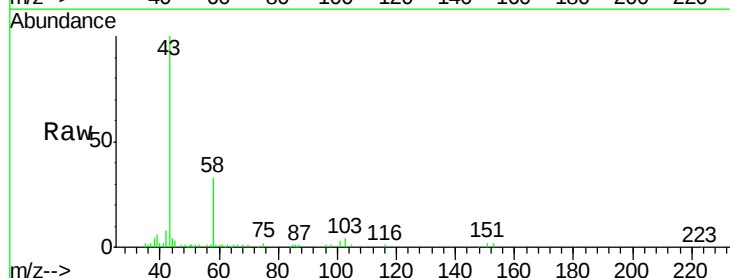
Acq: 15 Jan 2019 14:18

Tgt Ion: 43 Resp: 42192

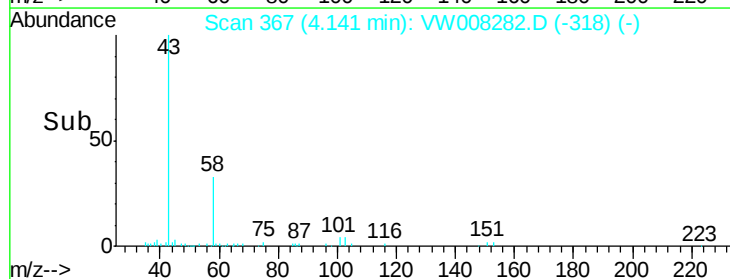
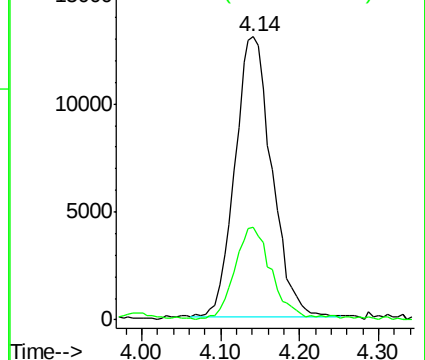
Ion Ratio Lower Upper

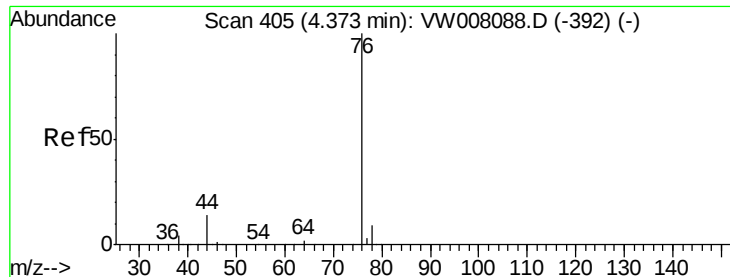
43 100

58 32.6 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

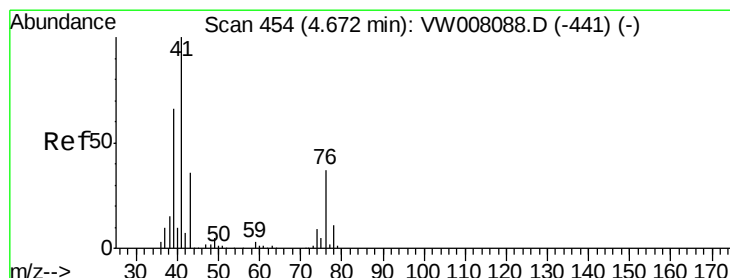
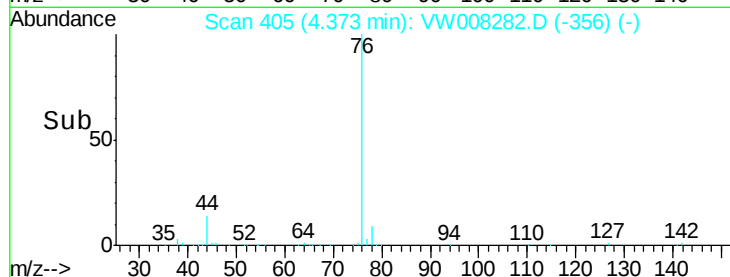
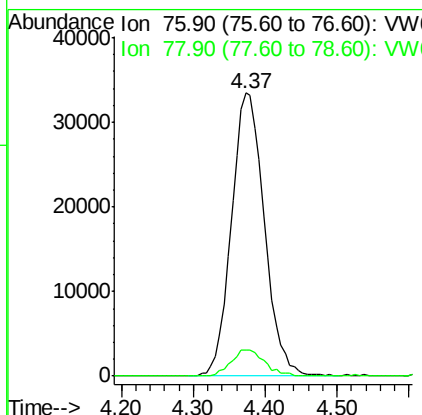
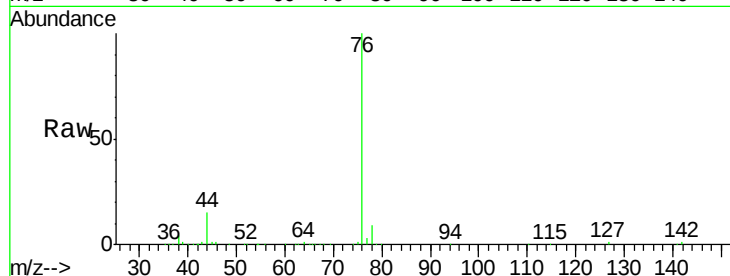




#17
Carbon Disulfide
Concen: 21.247 ug/l
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW008282.D
Acq: 15 Jan 2019 14:18

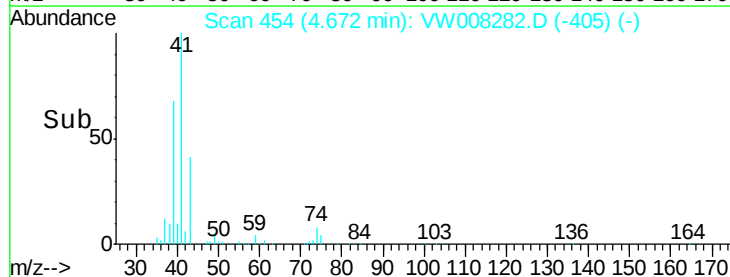
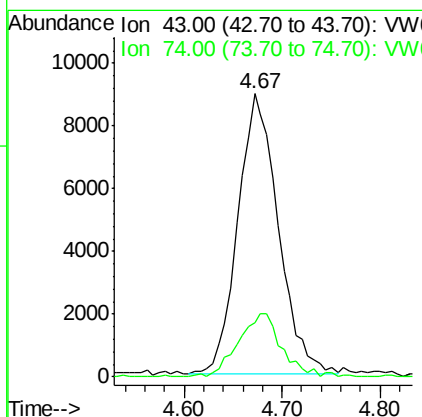
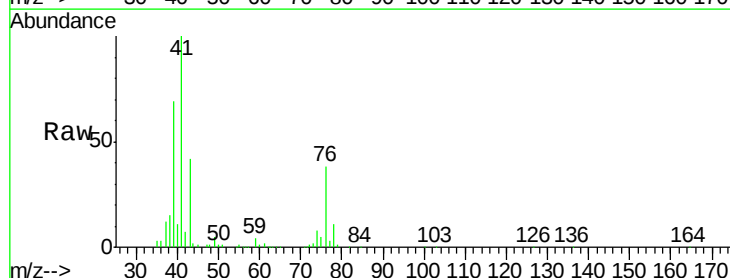
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MS

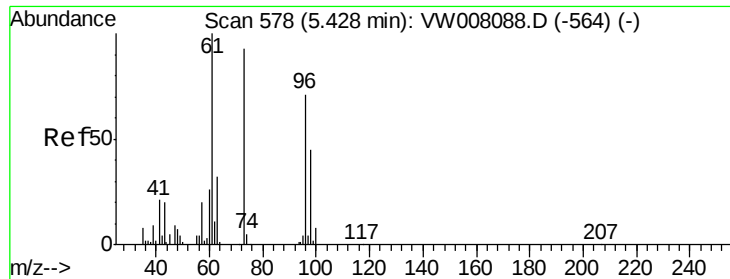
Tot Ion: 76 Resp: 106115
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6



#18
Methyl Acetate
Concen: 24.732 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW008282.D
Acq: 15 Jan 2019 14:18

Tgt Ion: 43 Resp: 25648
Ion Ratio Lower Upper
43 100
74 23.8 19.0 28.4

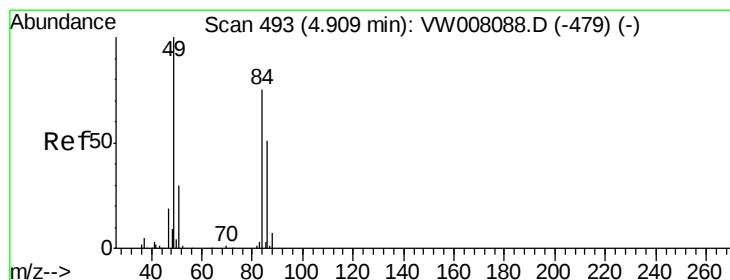
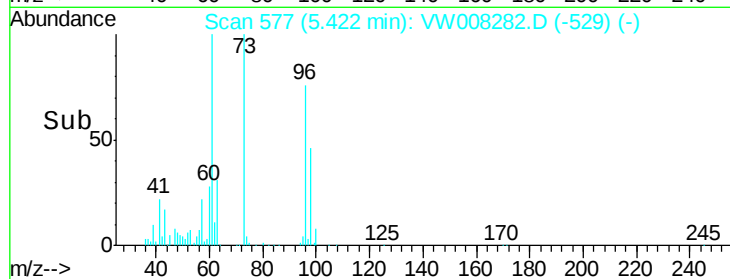
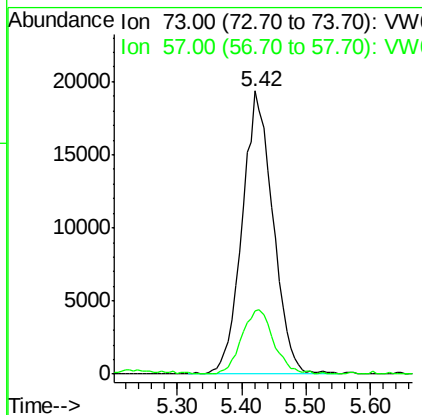
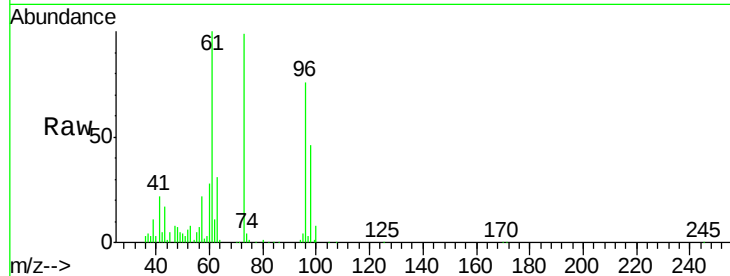




#19
Methvl tert-butvl Ether
Concen: 24.505 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW008282.D
Acq: 15 Jan 2019 14:18

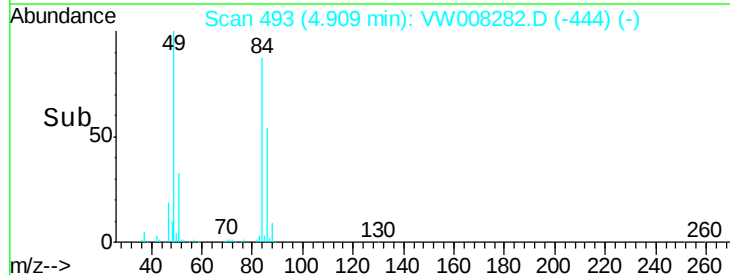
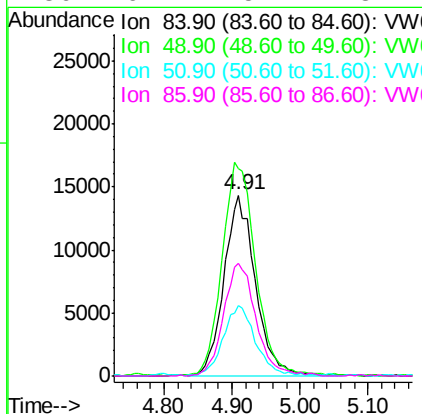
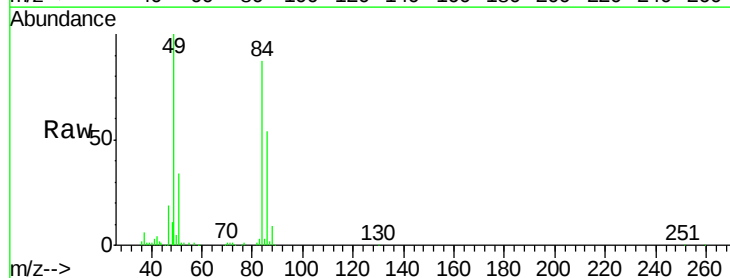
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MS

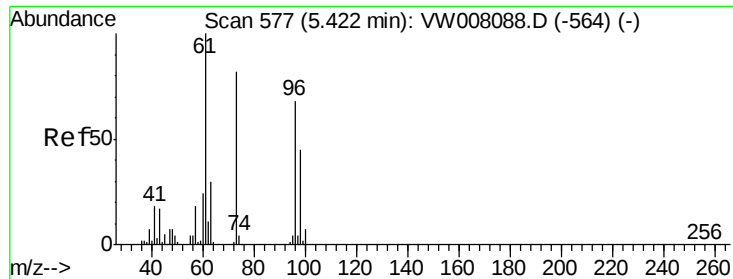
Tot Ion: 73 Resp: 63693
Ion Ratio Lower Upper
73 100
57 22.3 16.7 25.1



#20
Methylene Chloride
Concen: 26.136 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008282.D
Acq: 15 Jan 2019 14:18

Tgt Ion: 84 Resp: 45931
Ion Ratio Lower Upper
84 100
49 114.4 107.1 160.7
51 38.7 32.4 48.6
86 62.1 54.2 81.4





#21

trans-1,2-Dichloroethene

Concen: 24.296 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW008282.D

Acq: 15 Jan 2019 14:18

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

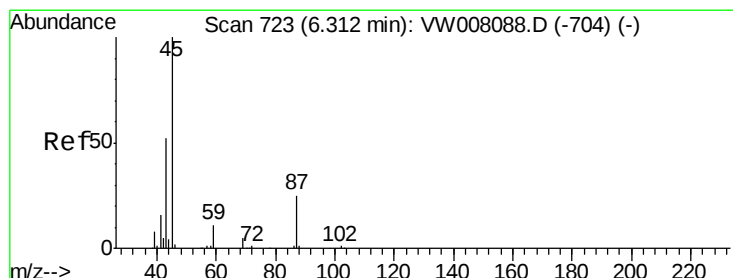
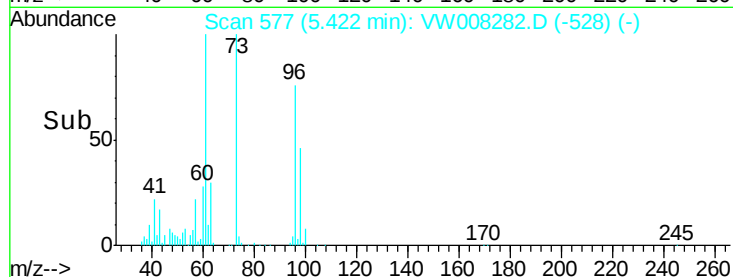
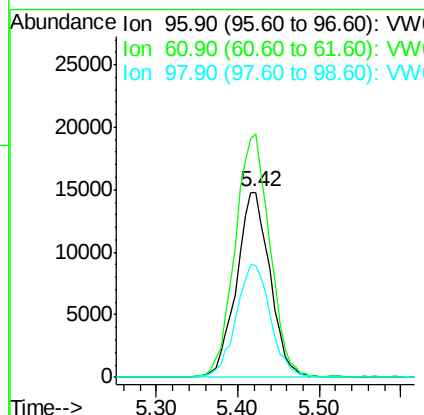
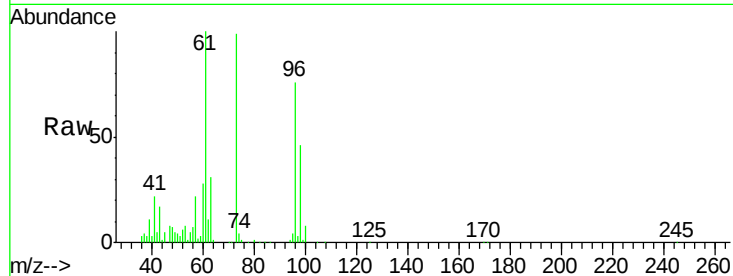
Tot Ion: 96 Resp: 42213

Ion Ratio Lower Upper

96 100

61 131.2 117.4 176.0

98 60.3 52.2 78.4



#22

Diisopropyl ether

Concen: 25.051 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW008282.D

Acq: 15 Jan 2019 14:18

Tgt Ion: 45 Resp: 138685

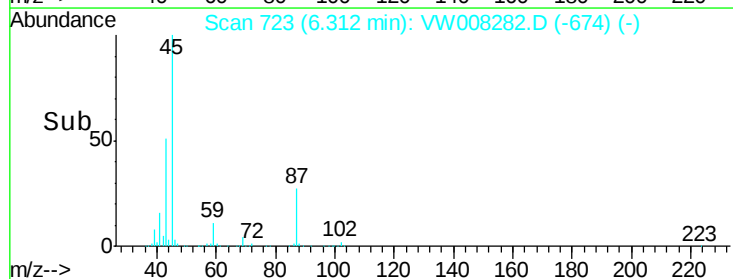
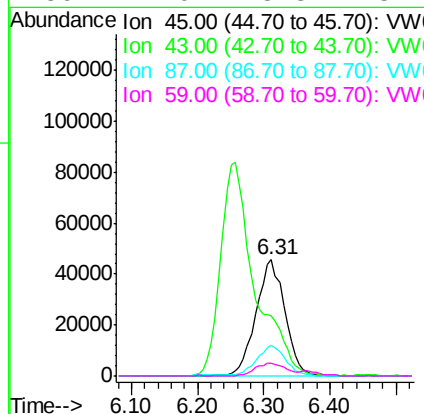
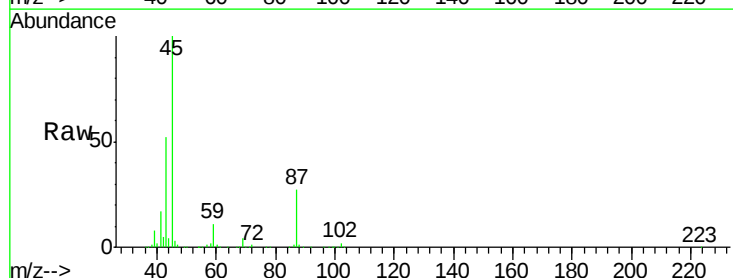
Ion Ratio Lower Upper

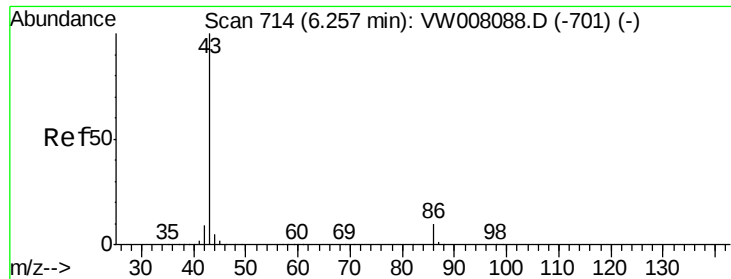
45 100

43 51.3 41.7 62.5

87 26.6 20.1 30.1

59 11.0 8.8 13.2

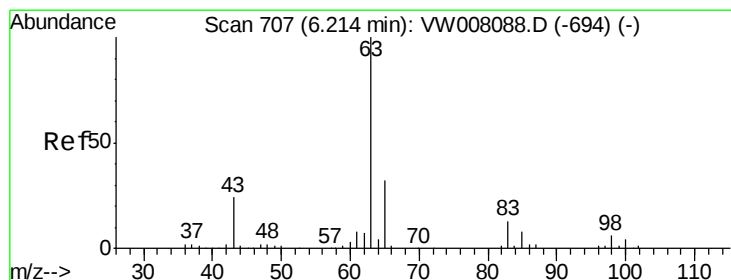
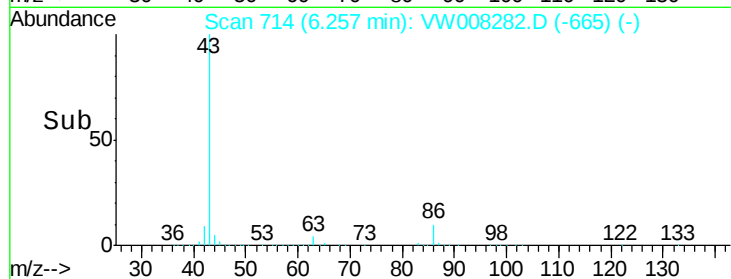
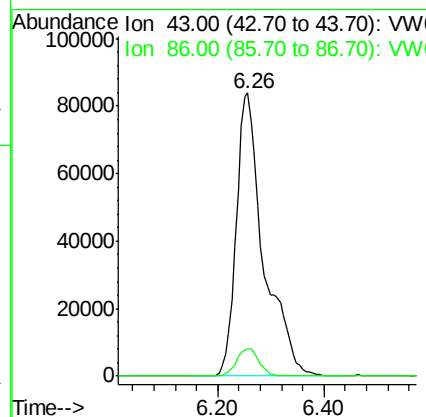
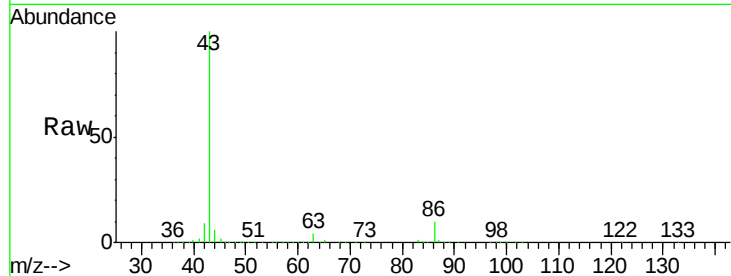




#23
 Vinyl Acetate
 Concen: 103.707 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: VW008282.D
 Acq: 15 Jan 2019 14:18

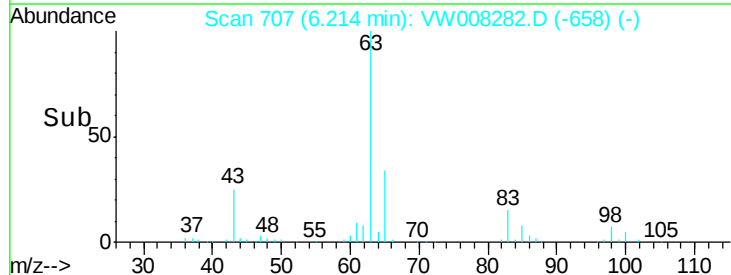
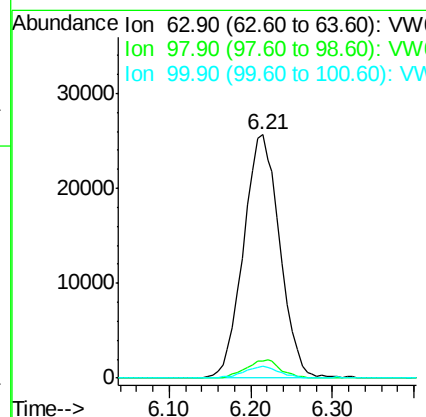
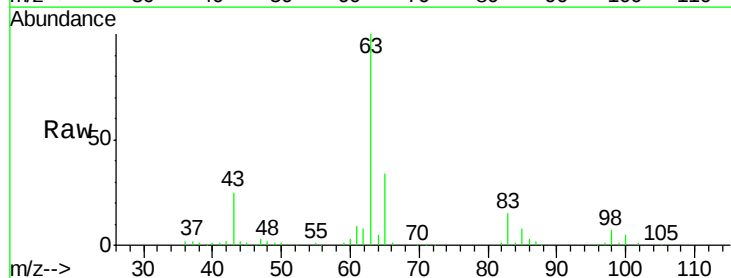
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)MS

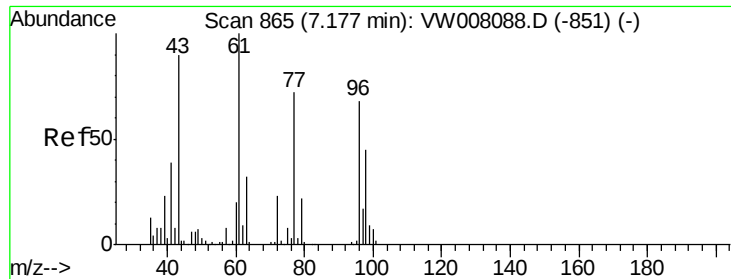
Tot Ion: 43 Resp: 301530
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 24.534 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: VW008282.D
 Acq: 15 Jan 2019 14:18

Tgt Ion: 63 Resp: 79137
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.2 9.6
 100 5.0 2.0 6.0





#25

2-Butanone

Concen: 115.663 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW008282.D

Acq: 15 Jan 2019 14:18

Instrument :

MSVOA_W

ClientSampleId :

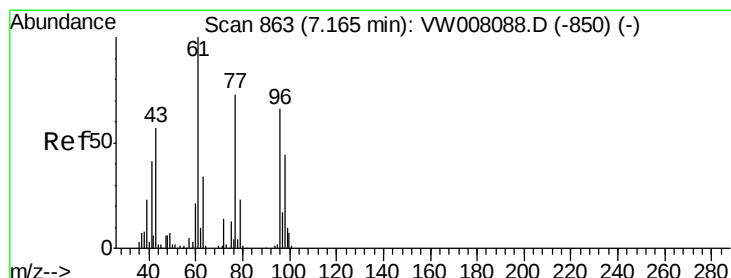
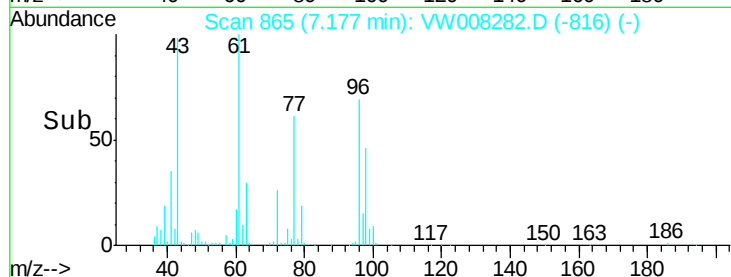
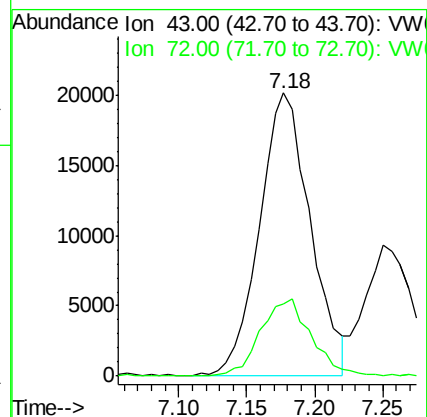
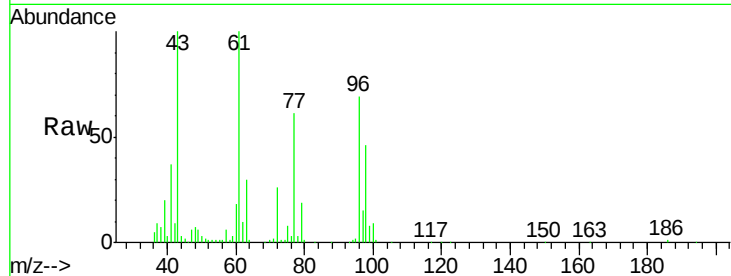
CPSB-07(15-20)MS

Tot Ion: 43 Resp: 52804

Ion Ratio Lower Upper

43 100

72 25.3 20.5 30.7



#26

2,2-Dichloropropane

Concen: 20.864 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW008282.D

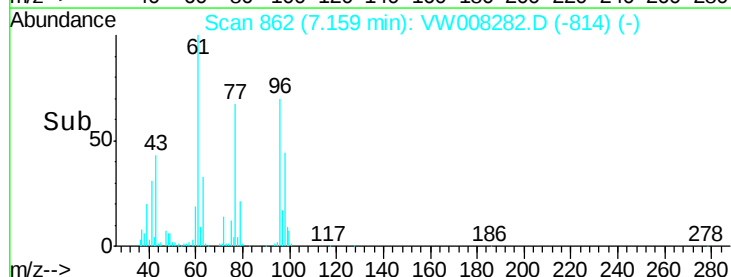
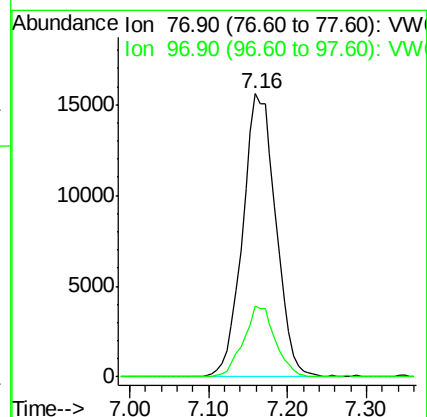
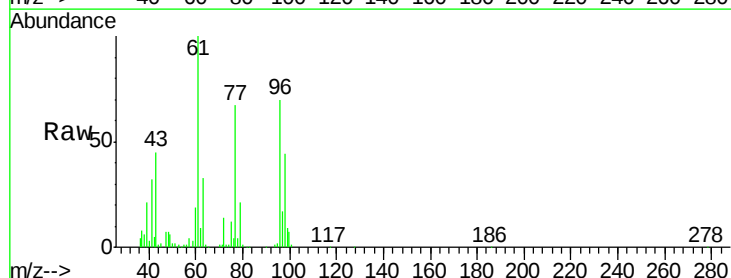
Acq: 15 Jan 2019 14:18

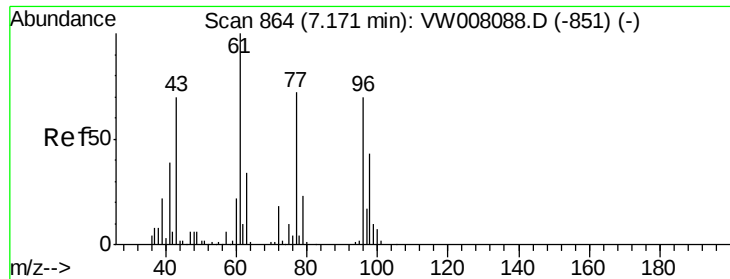
Tgt Ion: 77 Resp: 45601

Ion Ratio Lower Upper

77 100

97 23.8 11.4 34.1



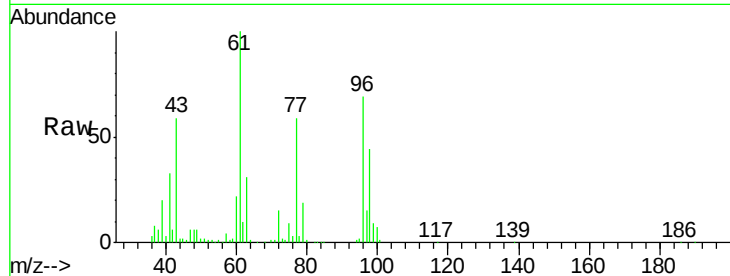


#27

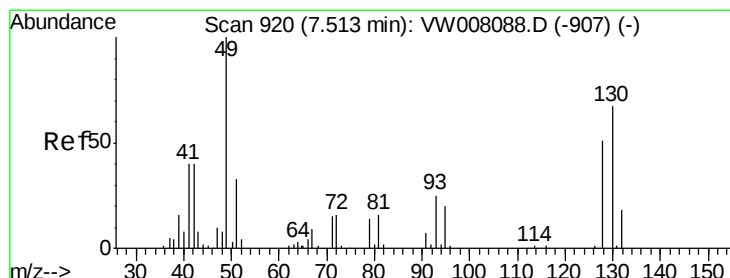
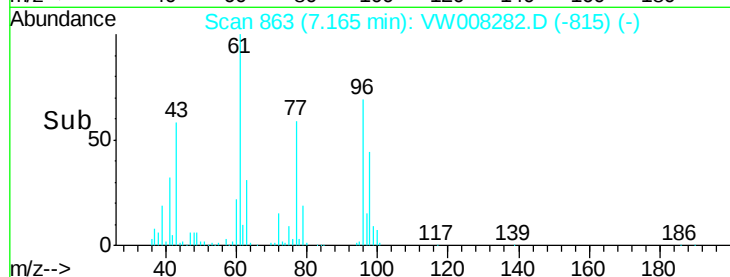
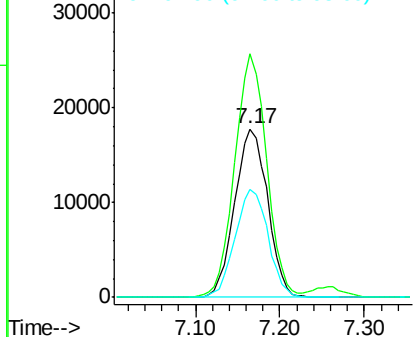
cis-1,2-Dichloroethene
Concen: 24.753 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW008282.D
Acq: 15 Jan 2019 14:18

Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MS

Tot Ion: 96 Resp: 46922
Ion Ratio Lower Upper
96 100
61 140.1 0.0 300.4
98 63.8 0.0 128.4



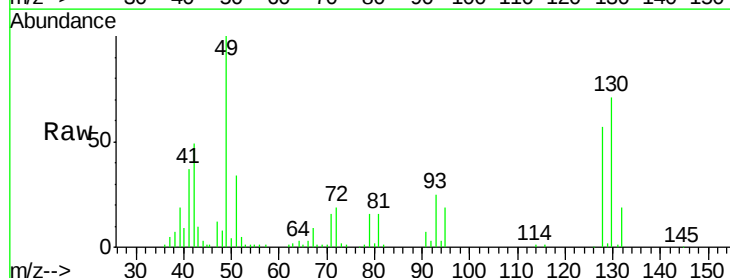
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



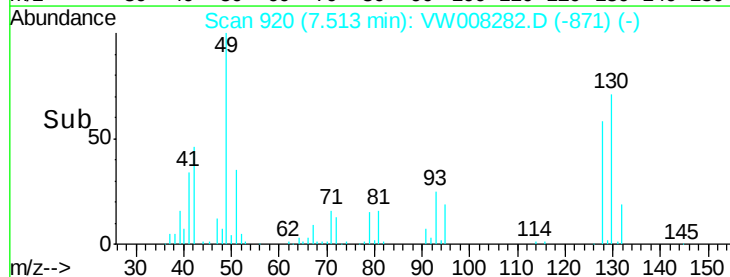
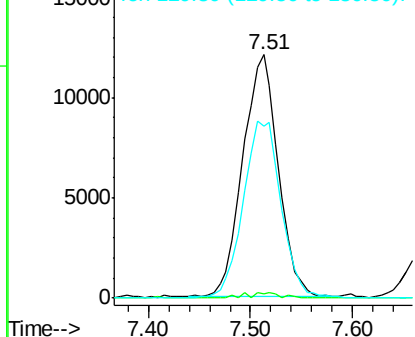
#28

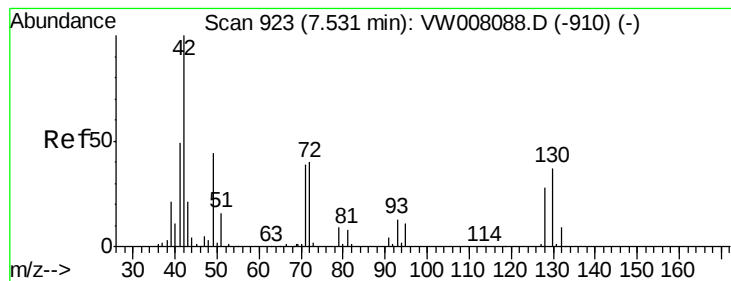
Bromochloromethane
Concen: 22.992 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW008282.D
Acq: 15 Jan 2019 14:18

Tgt Ion: 49 Resp: 29334
Ion Ratio Lower Upper
49 100
129 1.2 0.0 2.8
130 78.0 54.3 81.5



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 106.654 ug/l

RT: 7.54 min Scan# 924

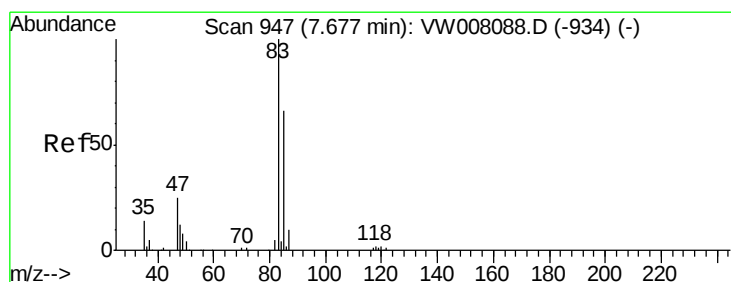
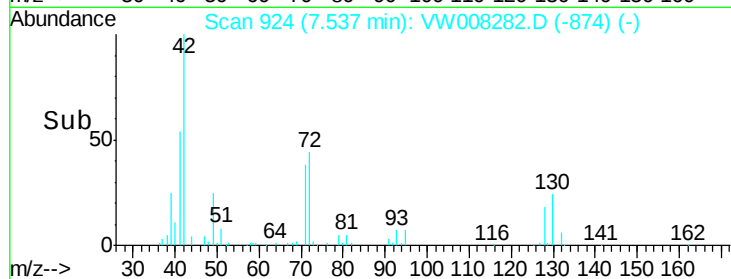
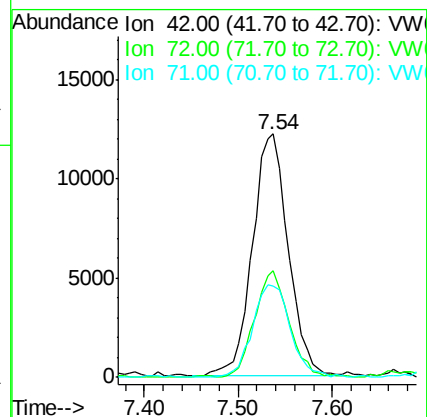
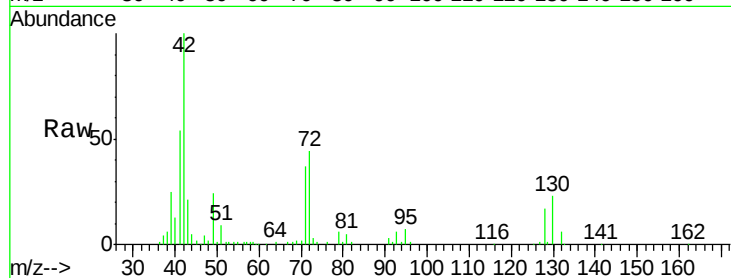
Delta R.T. 0.01 min

Lab File: VW008282.D

Acq: 15 Jan 2019 14:18

Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MS

Tot Ion:	42	Resp:	32525
Ion	Ratio	Lower	Upper
42	100		
72	42.4	32.4	48.6
71	40.3	31.3	46.9



#30

Chloroform

Concen: 25.568 ug/l

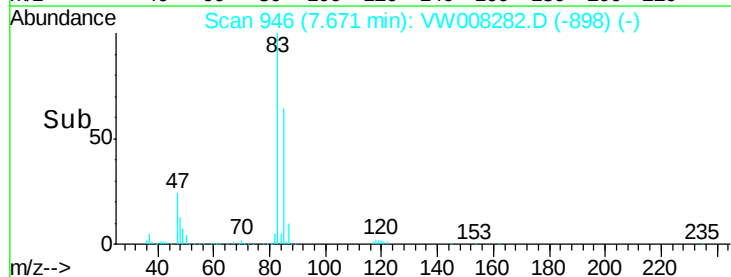
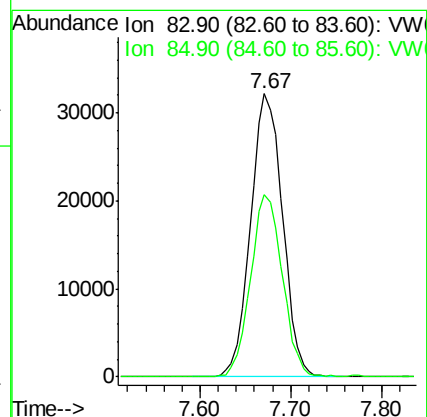
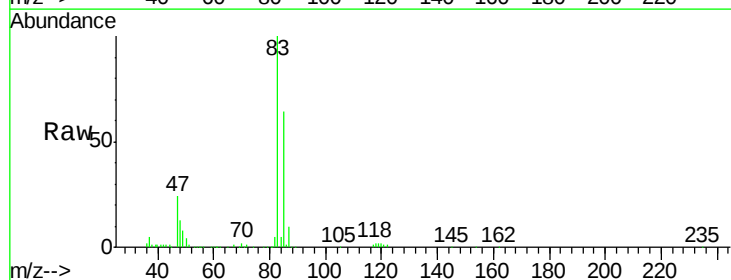
RT: 7.67 min Scan# 946

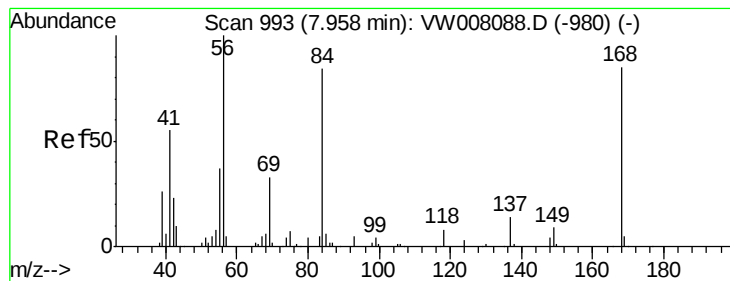
Delta R.T. -0.01 min

Lab File: VW008282.D

Acq: 15 Jan 2019 14:18

Tgt Ion:	83	Resp:	78502
Ion	Ratio	Lower	Upper
83	100		
85	64.4	53.2	79.8





#31

Cyclohexane

Concen: 7.453 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW008282.D

Acq: 15 Jan 2019 14:18

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

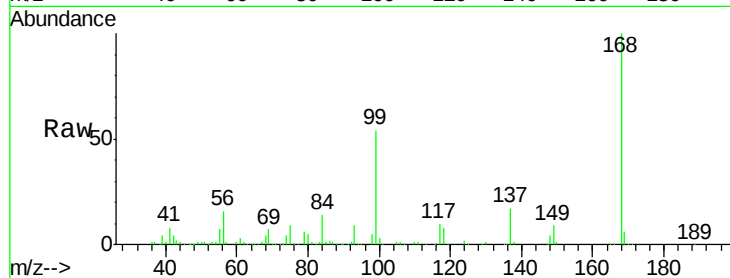
Tot Ion: 56 Resp: 25736

Ion Ratio Lower Upper

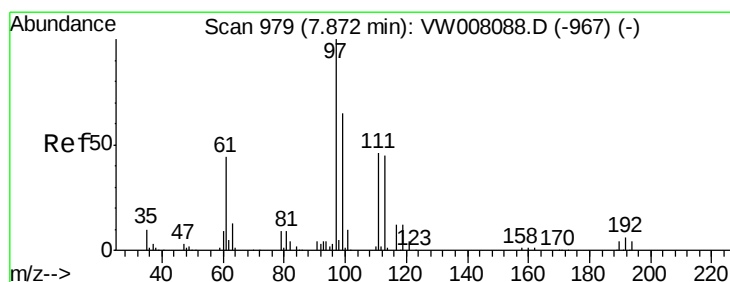
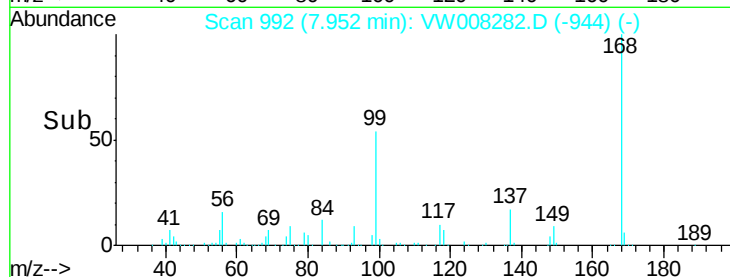
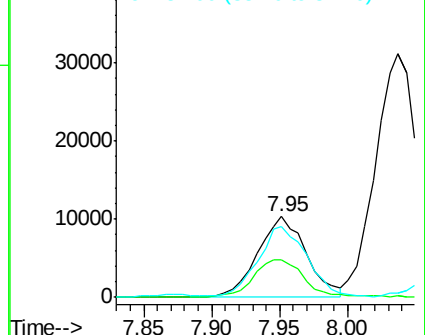
56 100

69 45.9 26.2 39.4#

84 85.8 67.4 101.2



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 18.819 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW008282.D

Acq: 15 Jan 2019 14:18

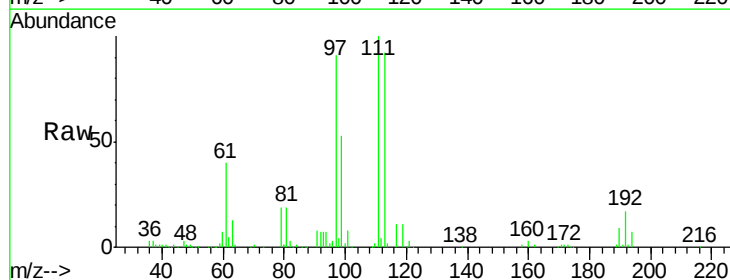
Tgt Ion: 97 Resp: 50275

Ion Ratio Lower Upper

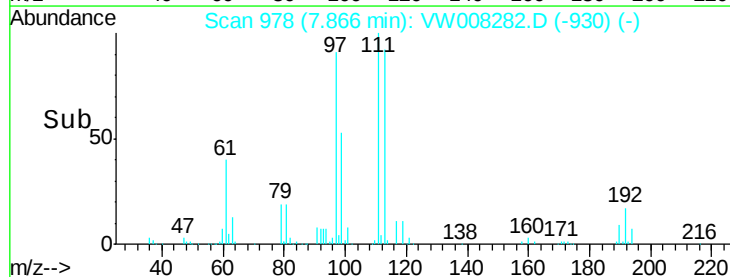
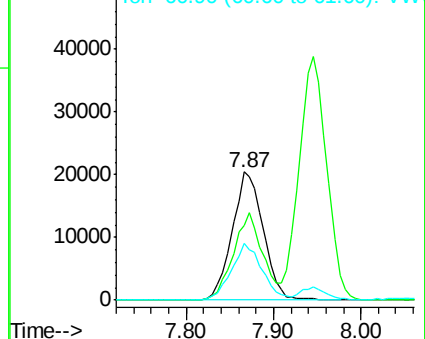
97 100

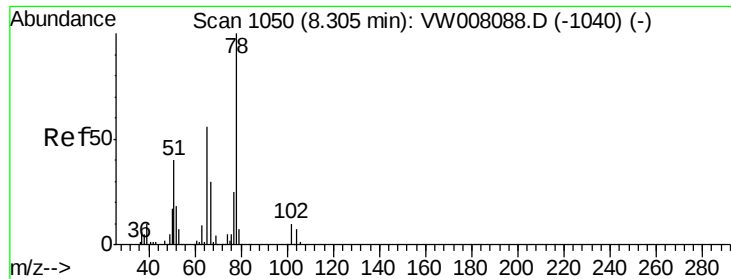
99 65.7 51.4 77.0

61 44.1 35.6 53.4



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





#33

1,2-Dichloroethane-d4

Concen: 49.229 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008282.D

Acq: 15 Jan 2019 14:18

Instrument :

MSVOA_W

ClientSampleId :

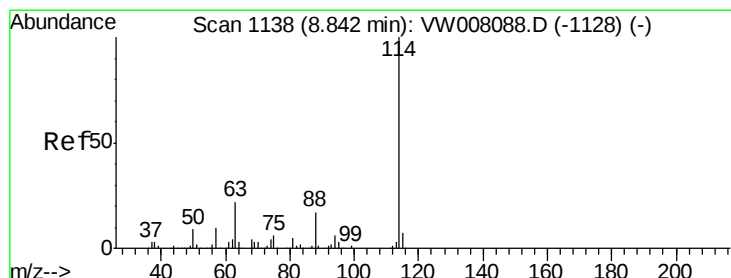
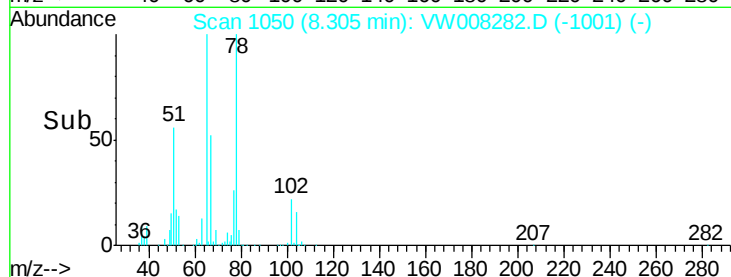
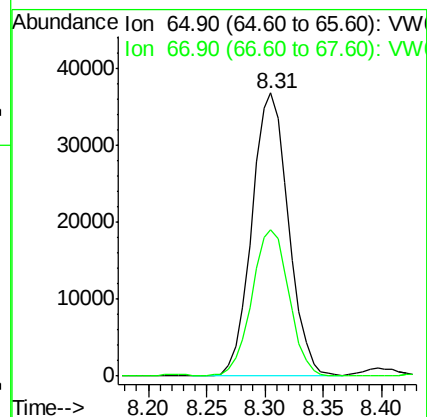
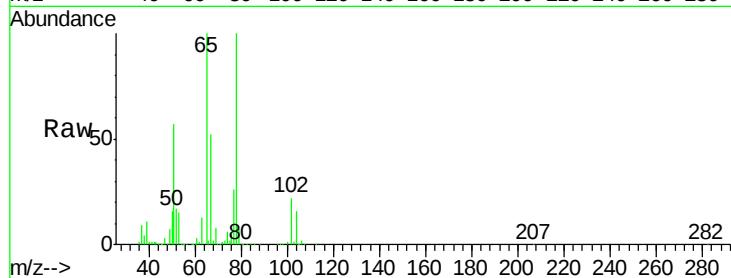
CPSB-07(15-20)MS

Tot Ion: 65 Resp: 80776

Ion Ratio Lower Upper

65 100

67 52.7 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008282.D

Acq: 15 Jan 2019 14:18

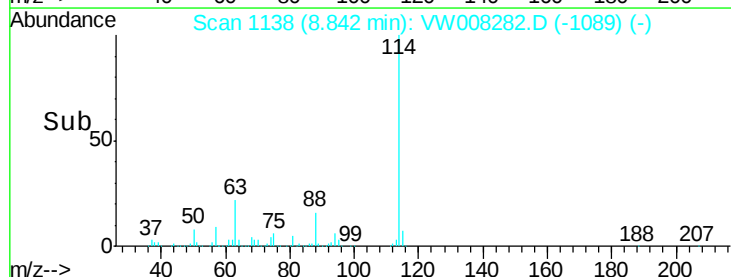
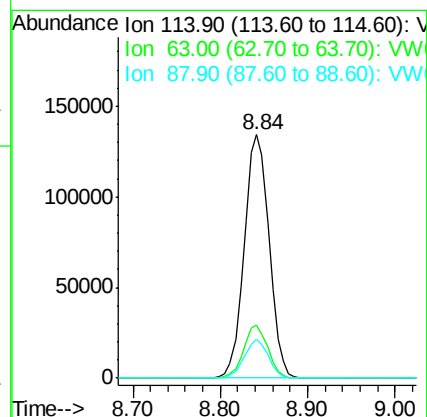
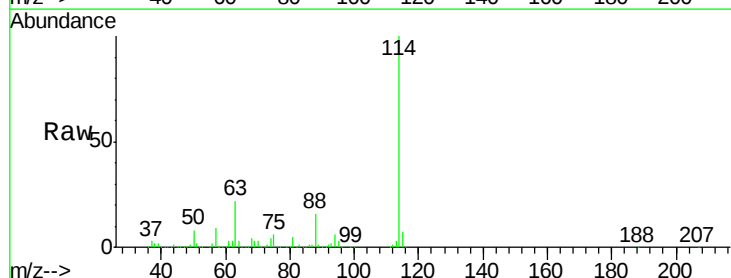
Tgt Ion: 114 Resp: 264102

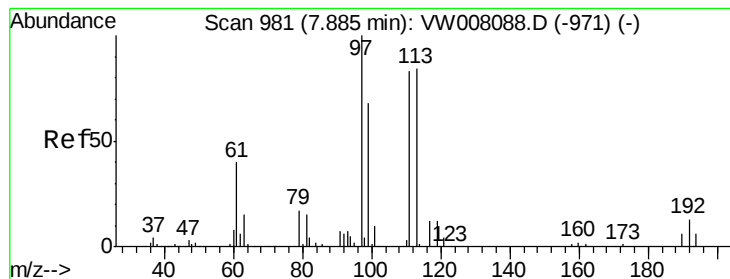
Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.4

88 15.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 54.943 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008282.D

Acq: 15 Jan 2019 14:18

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

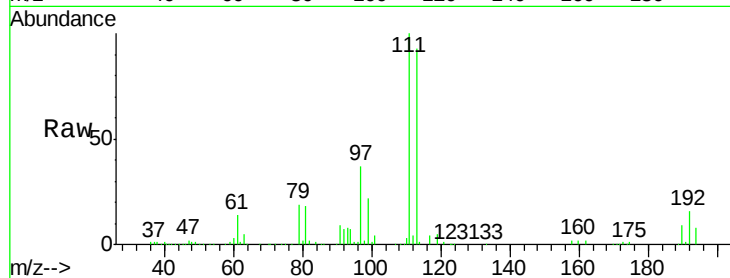
Tot Ion:113 Resp: 84631

Ion Ratio Lower Upper

113 100

111 103.8 81.8 122.8

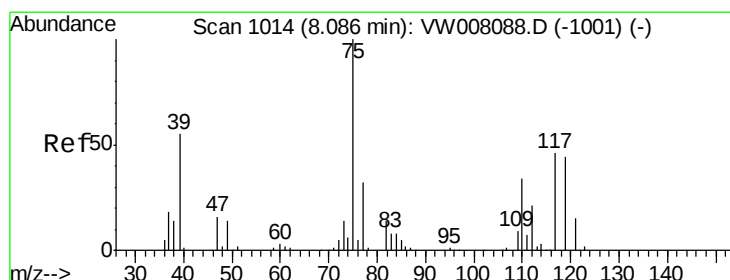
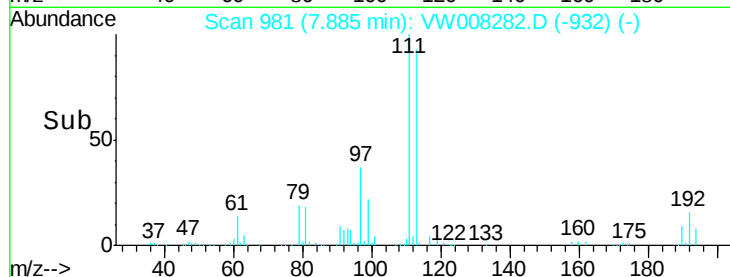
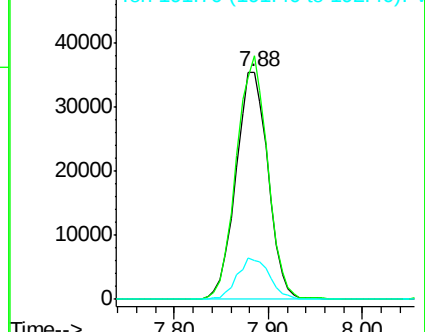
192 18.4 12.8 19.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 15.009 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.01 min

Lab File: VW008282.D

Acq: 15 Jan 2019 14:18

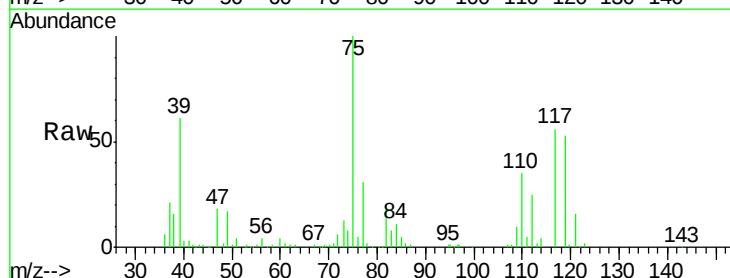
Tgt Ion: 75 Resp: 40833

Ion Ratio Lower Upper

75 100

110 35.4 17.1 51.3

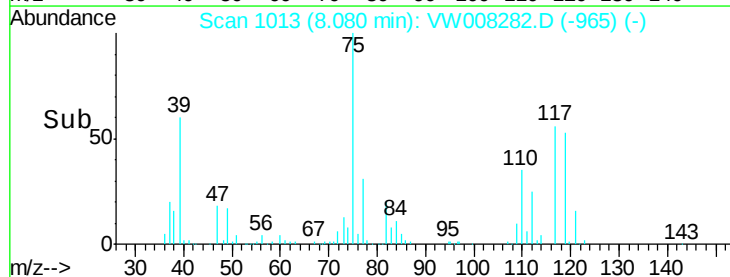
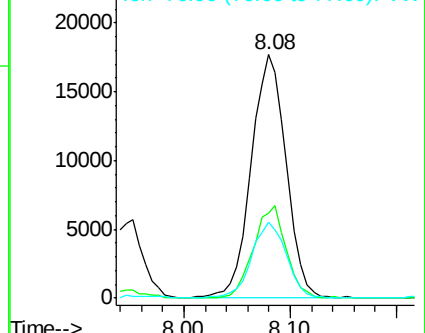
77 31.2 25.5 38.3

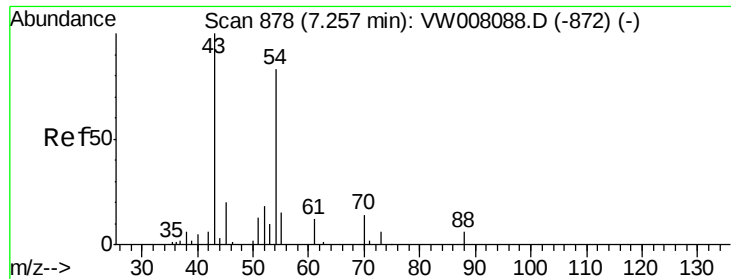


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

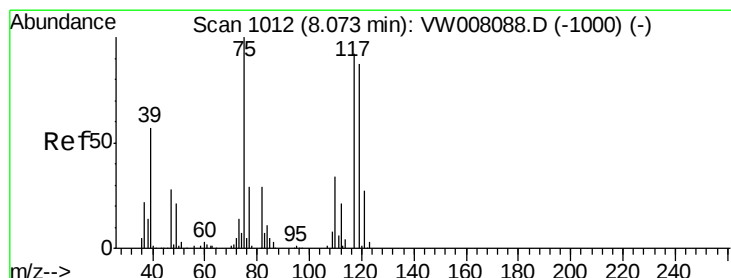
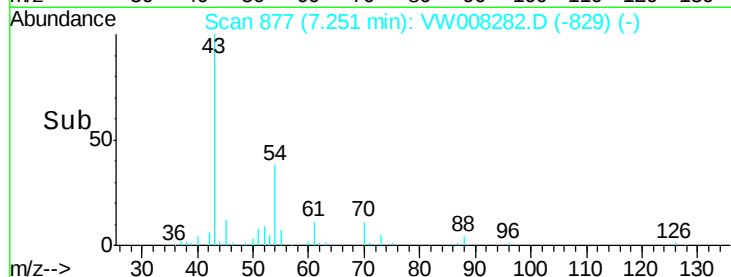
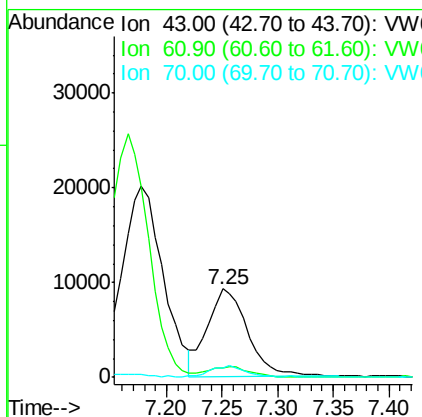
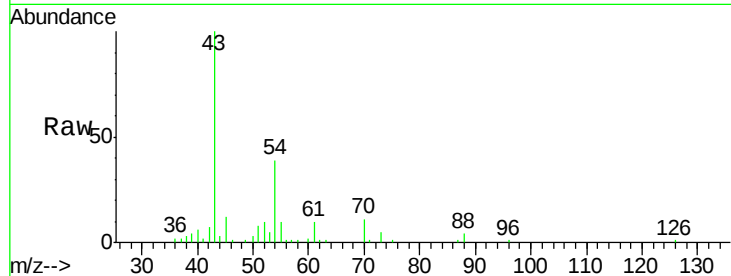




#37
Ethyl Acetate
Concen: 21.276 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW008282.D
Acq: 15 Jan 2019 14:18

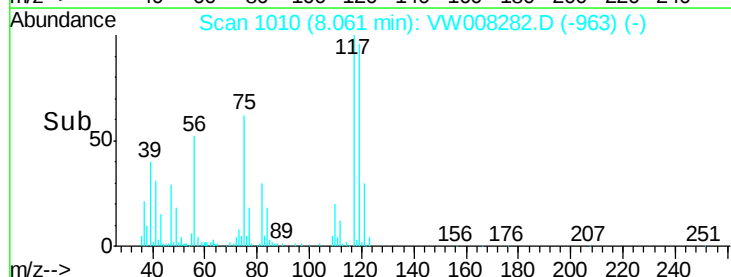
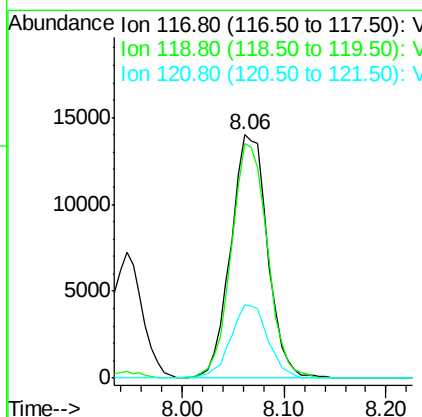
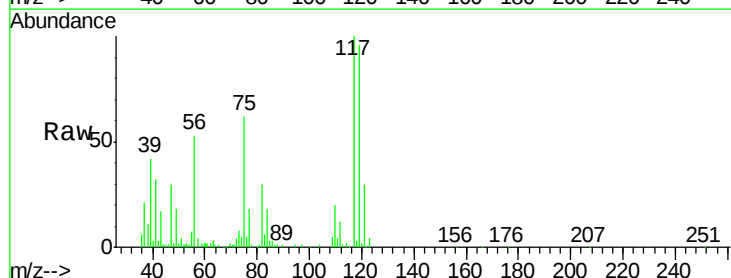
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MS

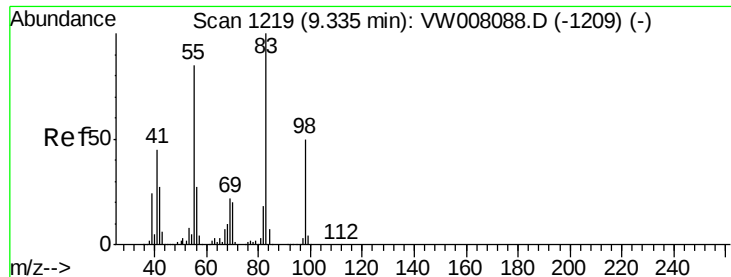
Tot Ion: 43 Resp: 23189
Ion Ratio Lower Upper
43 100
61 12.3 10.6 16.0
70 12.3 8.9 13.3



#38
Carbon Tetrachloride
Concen: 14.046 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW008282.D
Acq: 15 Jan 2019 14:18

Tgt Ion: 117 Resp: 34975
Ion Ratio Lower Upper
117 100
119 96.3 75.8 113.8
121 30.2 23.7 35.5

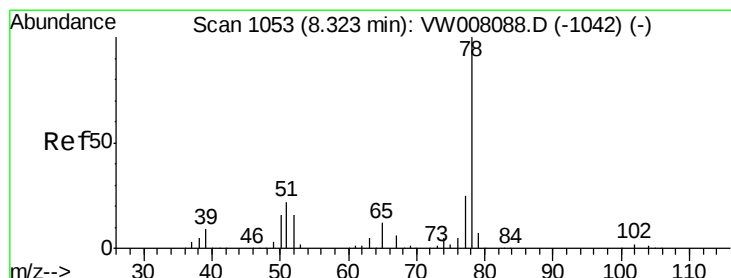
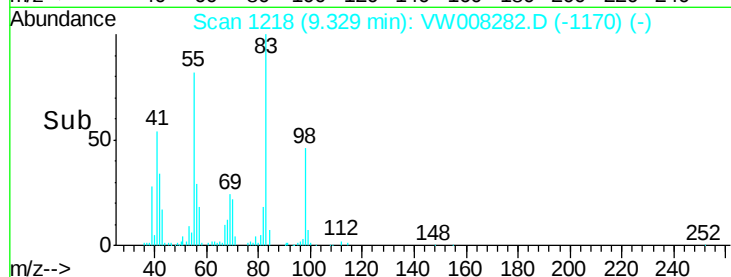
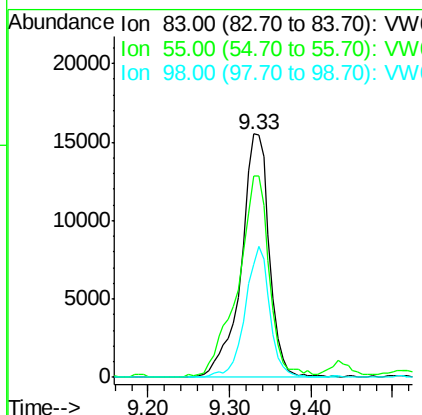
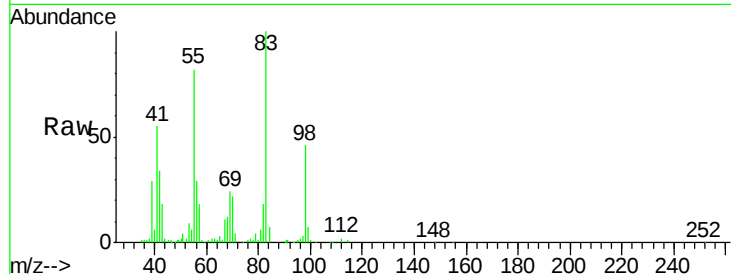




#39
Methvlcvclohexane
Concen: 10.824 ug/l
RT: 9.33 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW008282.D
Acq: 15 Jan 2019 14:18

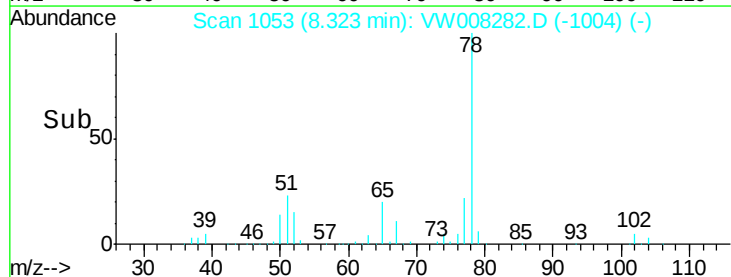
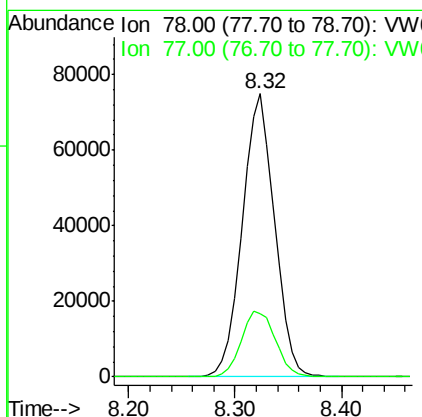
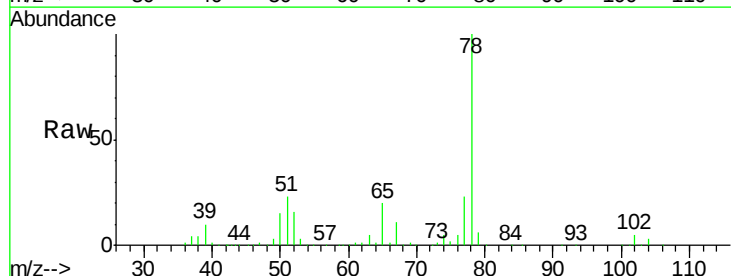
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MS

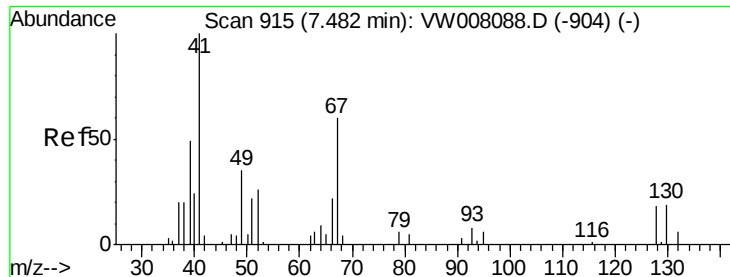
Tot Ion: 83 Resp: 37337
Ion Ratio Lower Upper
83 100
55 81.4 67.8 101.6
98 46.5 40.2 60.4



#40
Benzene
Concen: 21.596 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008282.D
Acq: 15 Jan 2019 14:18

Tgt Ion: 78 Resp: 159354
Ion Ratio Lower Upper
78 100
77 22.5 20.2 30.4

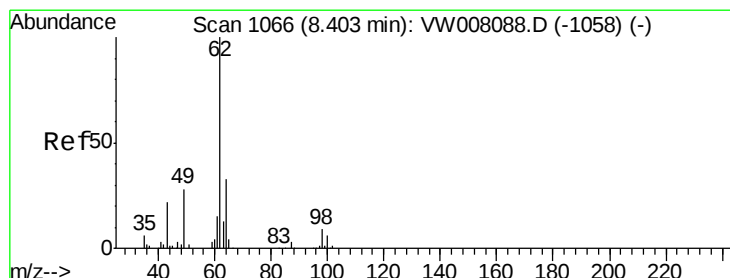
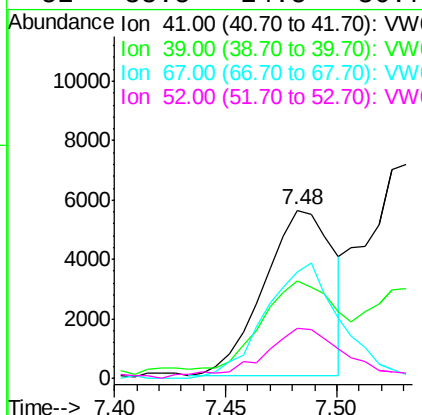
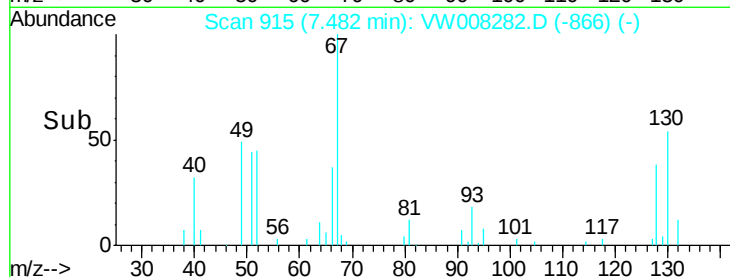
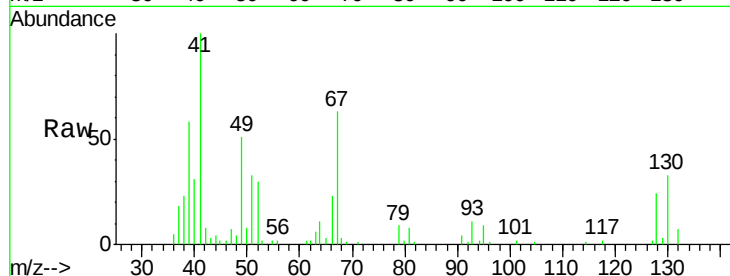




#41
Methacrylonitrile
Concen: 17.455 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW008282.D
Acq: 15 Jan 2019 14:18

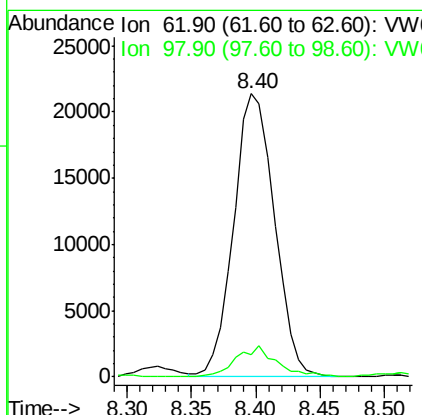
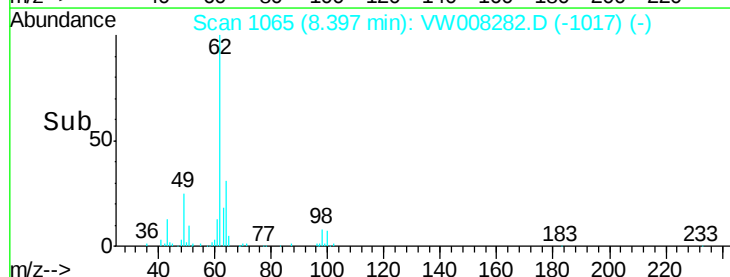
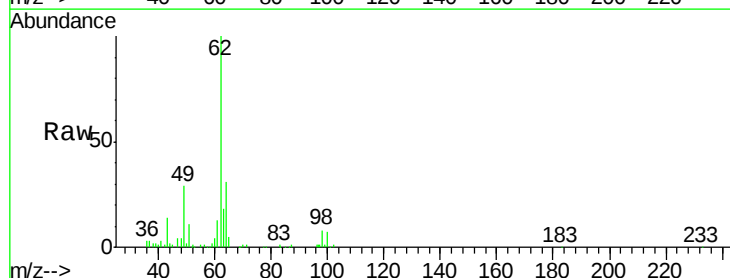
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MS

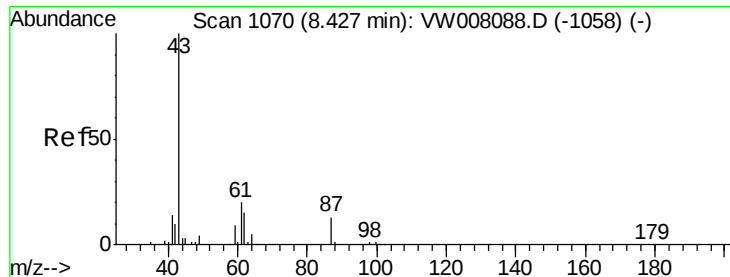
Tot Ion: 41 Resp: 12018
Ion Ratio Lower Upper
41 100
39 63.6 47.9 71.9
67 76.1 56.3 84.5
52 38.5 24.5 36.7#



#42
1,2-Dichloroethane
Concen: 22.730 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW008282.D
Acq: 15 Jan 2019 14:18

Tgt Ion: 62 Resp: 47172
Ion Ratio Lower Upper
62 100
98 10.9 0.0 18.6





#43

Isopropyl Acetate

Concen: 21.989 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW008282.D

Acq: 15 Jan 2019 14:18

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

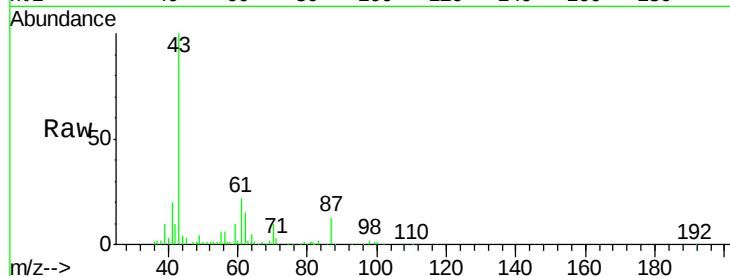
Tot Ion: 43 Resp: 47918

Ion Ratio Lower Upper

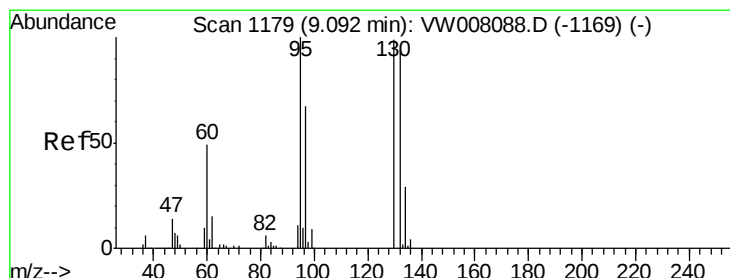
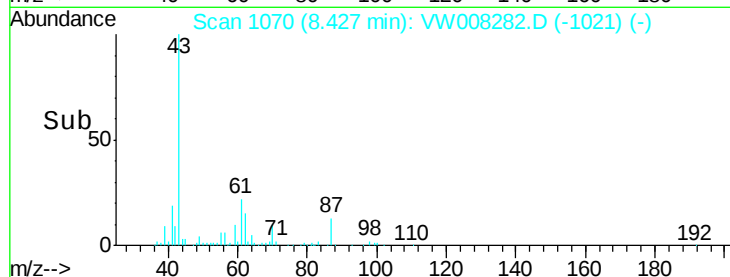
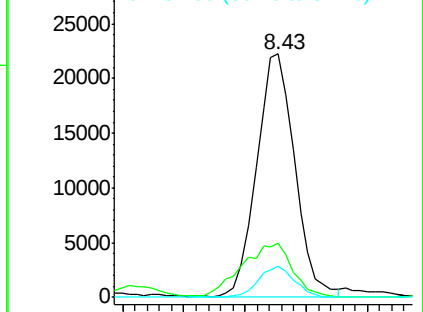
43 100

61 30.0 24.8 37.2

87 12.5 10.4 15.6



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



#44

Trichloroethene

Concen: 17.642 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW008282.D

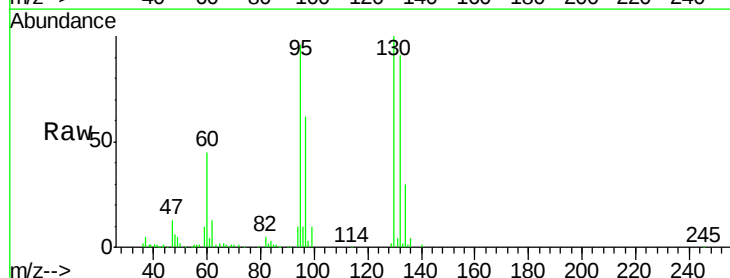
Acq: 15 Jan 2019 14:18

Tgt Ion: 130 Resp: 33323

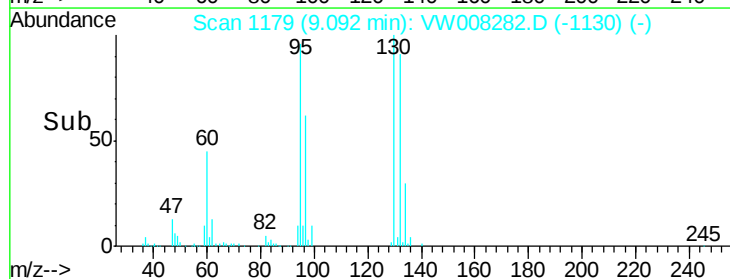
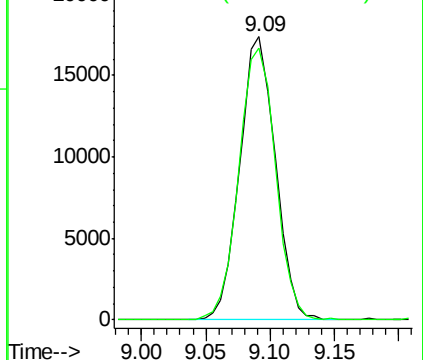
Ion Ratio Lower Upper

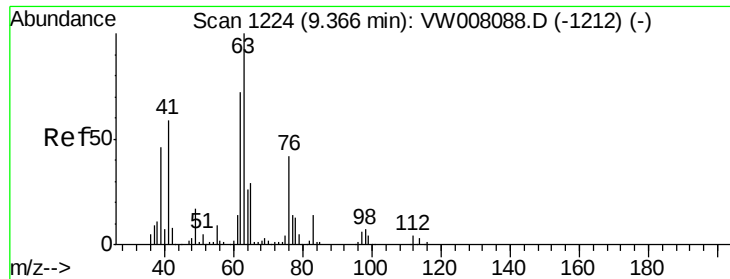
130 100

95 96.0 0.0 202.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 22.282 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW008282.D

Acq: 15 Jan 2019 14:18

Instrument :

MSVOA_W

ClientSampleId :

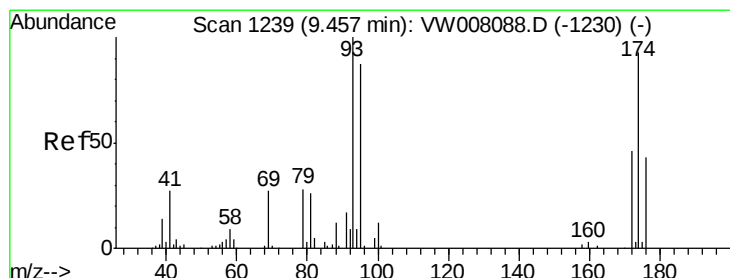
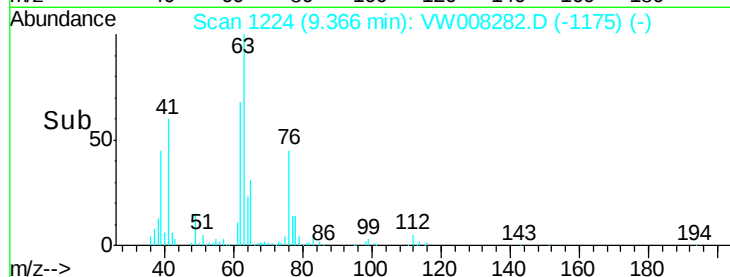
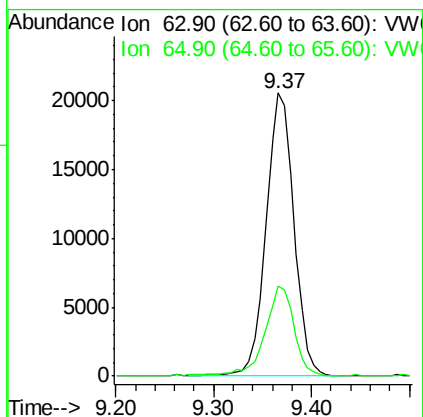
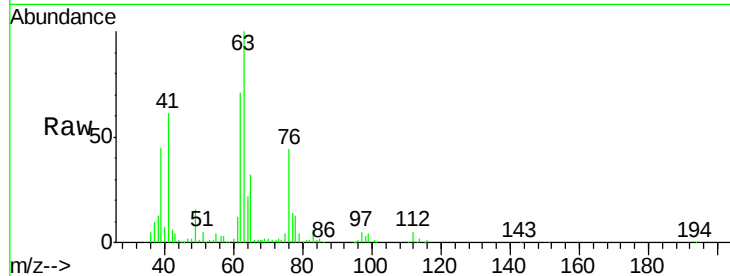
CPSB-07(15-20)MS

Tot Ion: 63 Resp: 40768

Ion Ratio Lower Upper

63 100

65 31.9 23.3 34.9



#46

Dibromomethane

Concen: 22.382 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW008282.D

Acq: 15 Jan 2019 14:18

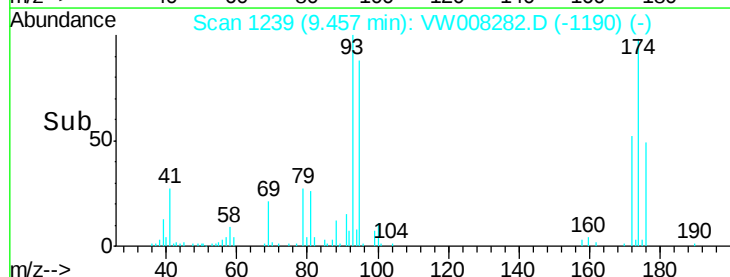
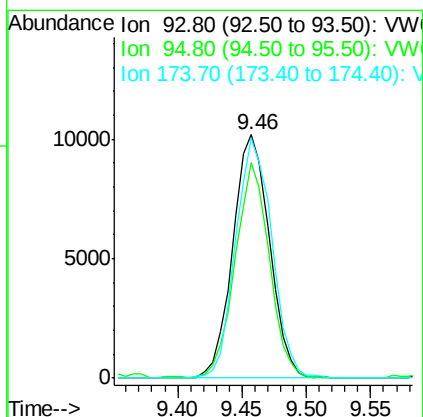
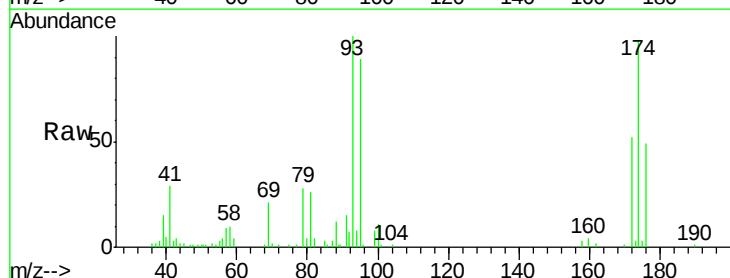
Tgt Ion: 93 Resp: 20111

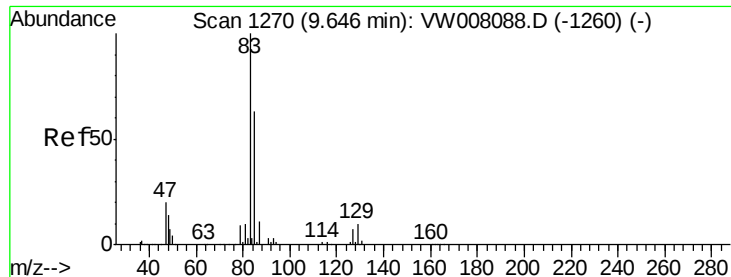
Ion Ratio Lower Upper

93 100

95 82.7 67.5 101.3

174 97.6 72.5 108.7





#47

Bromodichloromethane

Concen: 23.175 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW008282.D

Acq: 15 Jan 2019 14:18

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

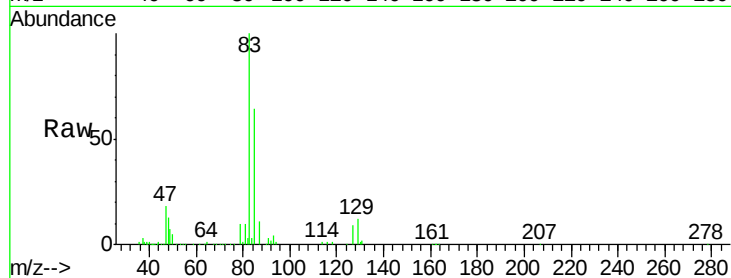
Tot Ion: 83 Resp: 52875

Ion Ratio Lower Upper

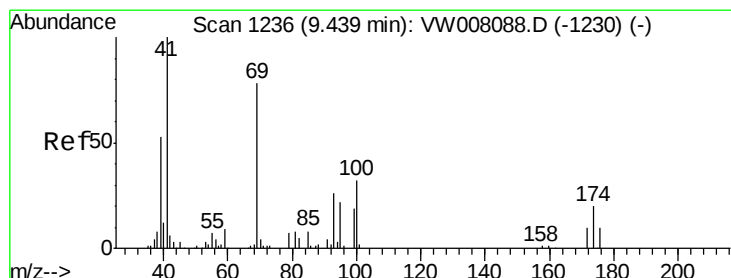
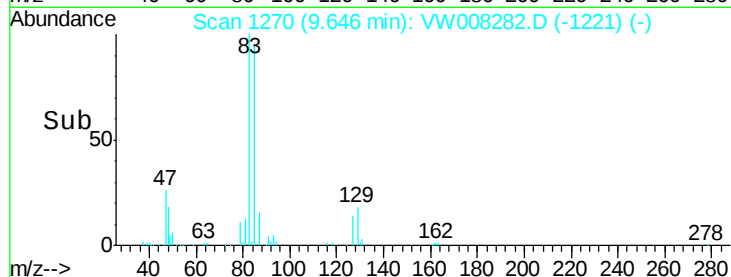
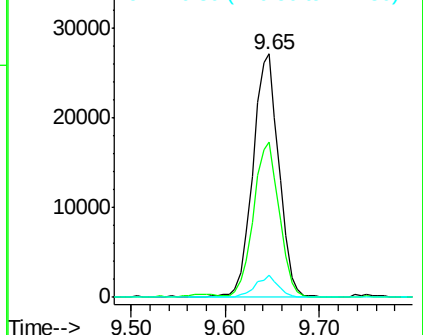
83 100

85 63.7 50.7 76.1

127 9.2 6.0 9.0#



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 22.030 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW008282.D

Acq: 15 Jan 2019 14:18

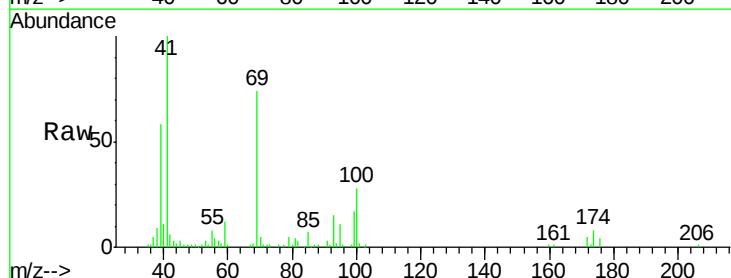
Tgt Ion: 41 Resp: 22653

Ion Ratio Lower Upper

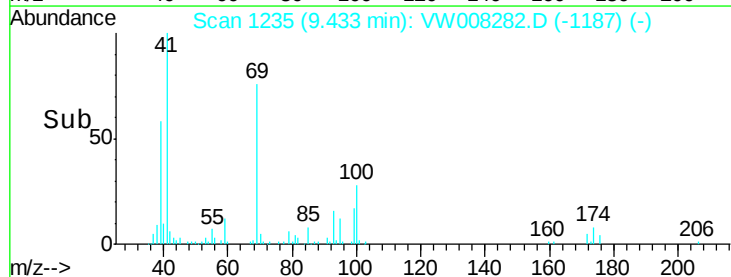
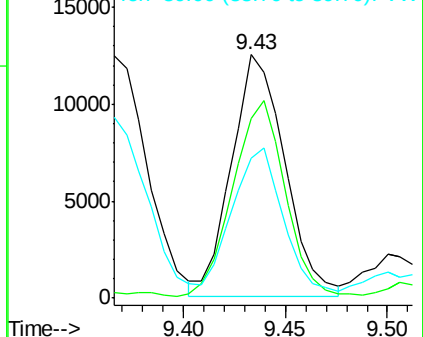
41 100

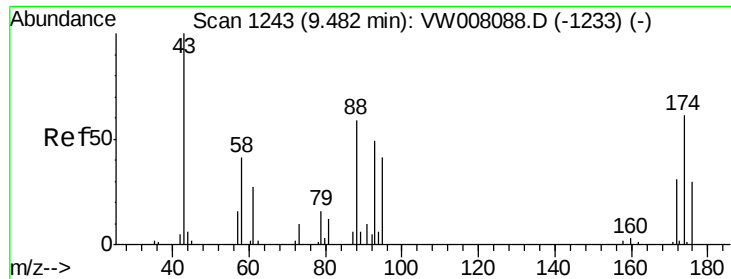
69 81.1 61.9 92.9

39 58.5 43.0 64.4



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

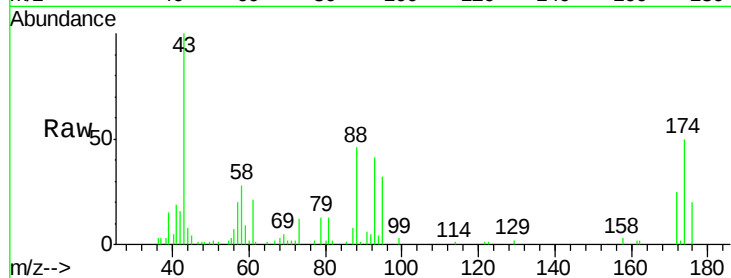




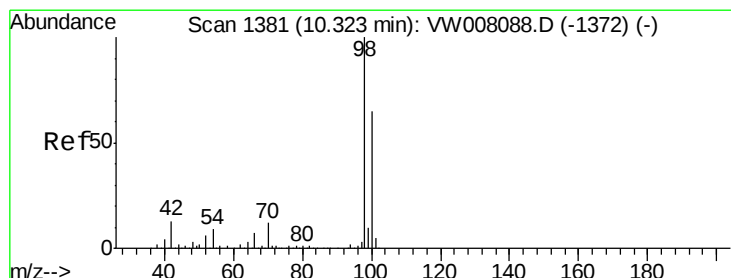
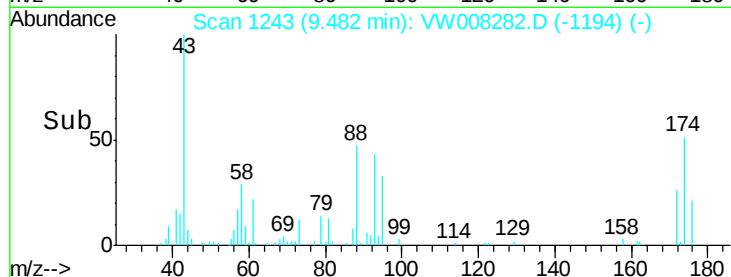
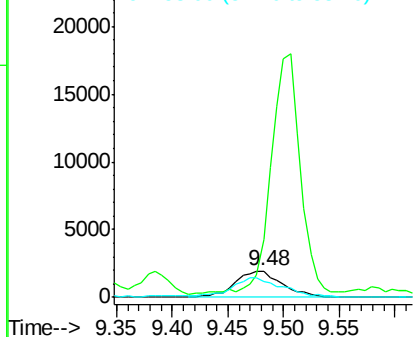
#49
1,4-Dioxane
Concen: 395.635 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. 0.00 min
Lab File: VW008282.D
Acq: 15 Jan 2019 14:18

Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MS

Tot Ion: 88 Resp: 5717
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 80.4 61.7 92.5

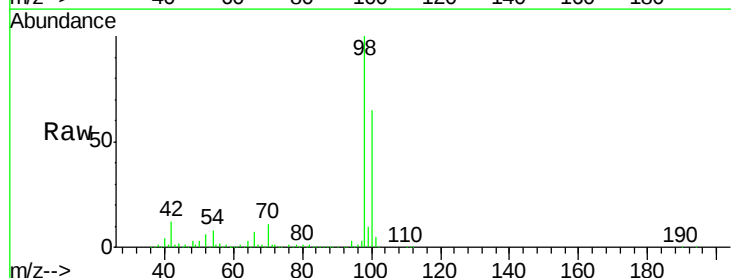


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

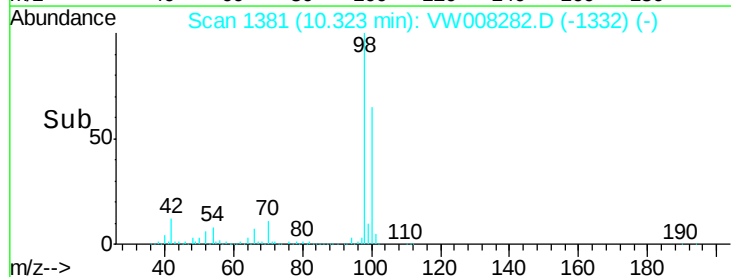
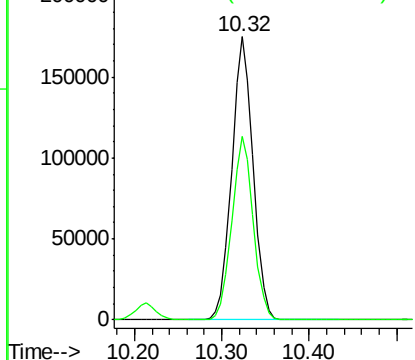


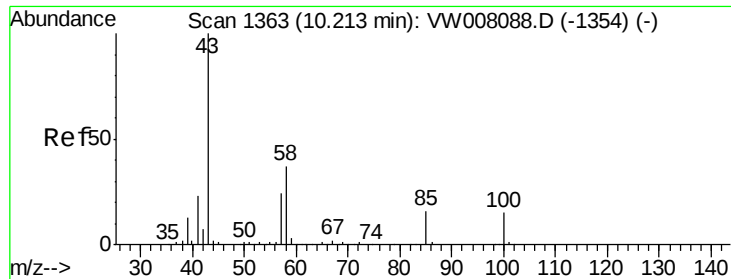
#50
Toluene-d8
Concen: 46.011 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008282.D
Acq: 15 Jan 2019 14:18

Tgt Ion: 98 Resp: 297412
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5



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: 108.051 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW008282.D

Acq: 15 Jan 2019 14:18

Instrument :

MSVOA_W

ClientSampleId :

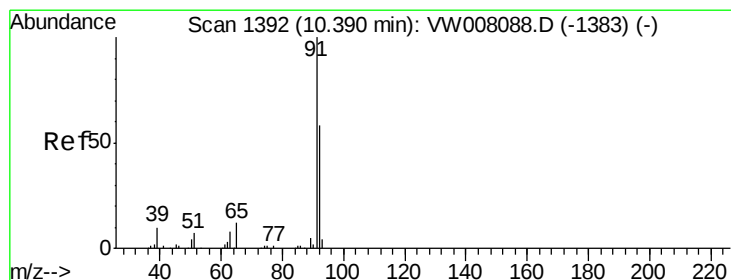
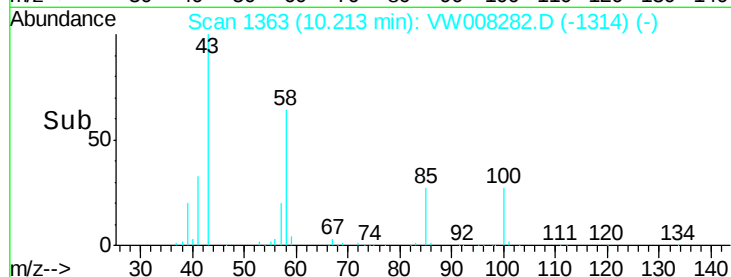
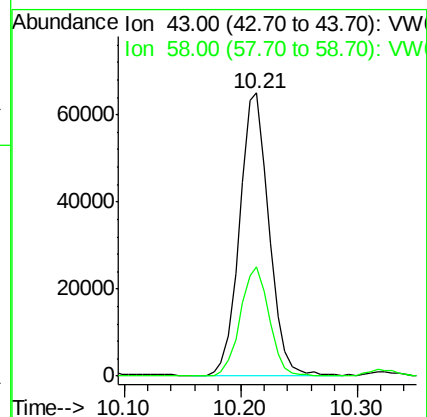
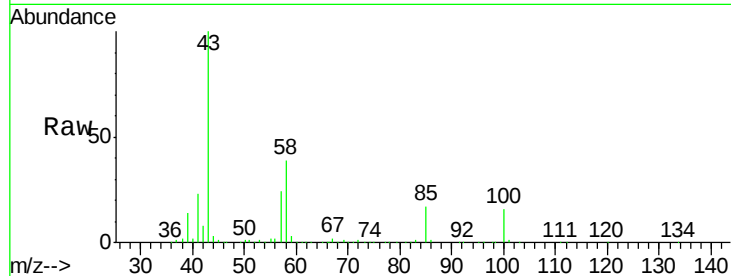
CPSB-07(15-20)MS

Tot Ion: 43 Resp: 113976

Ion Ratio Lower Upper

43 100

58 38.2 30.6 46.0



#52

Toluene

Concen: 15.250 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW008282.D

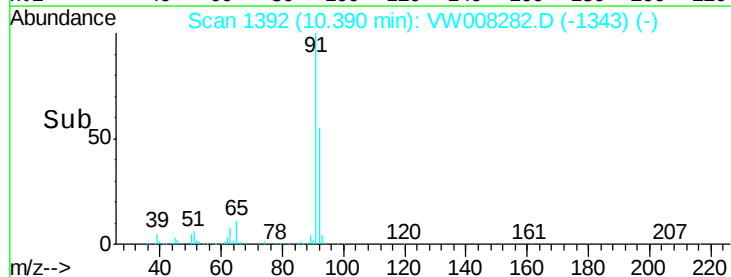
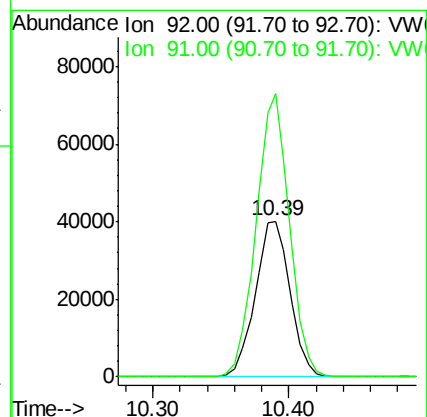
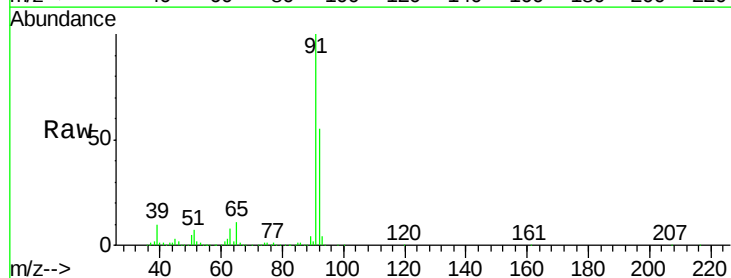
Acq: 15 Jan 2019 14:18

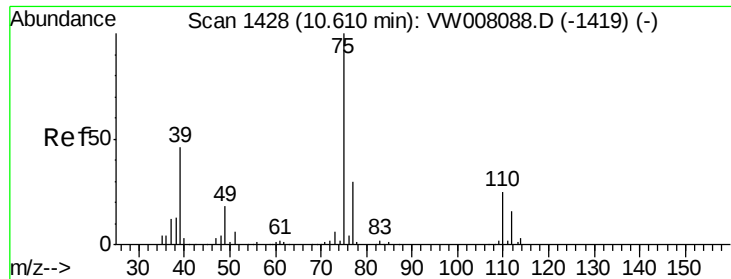
Tgt Ion: 92 Resp: 71862

Ion Ratio Lower Upper

92 100

91 174.0 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 20.685 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.01 min

Lab File: VW008282.D

Acq: 15 Jan 2019 14:18

Instrument :

MSVOA_W

ClientSampleId :

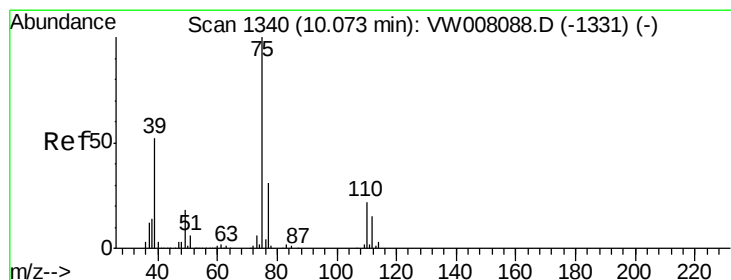
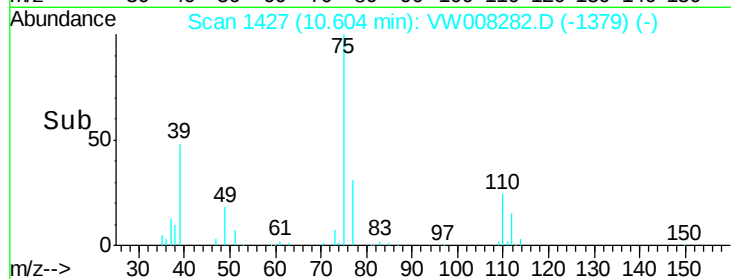
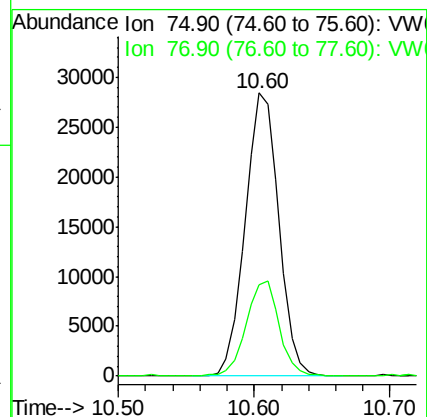
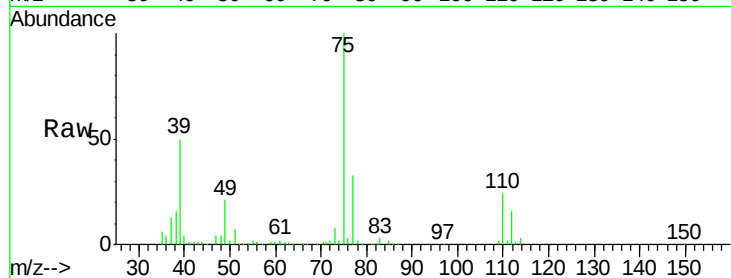
CPSB-07(15-20)MS

Tot Ion: 75 Resp: 49090

Ion Ratio Lower Upper

75 100

77 32.5 24.4 36.6



#54

cis-1,3-Dichloropropene

Concen: 21.261 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008282.D

Acq: 15 Jan 2019 14:18

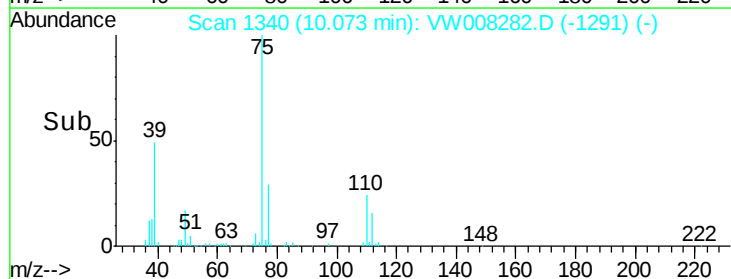
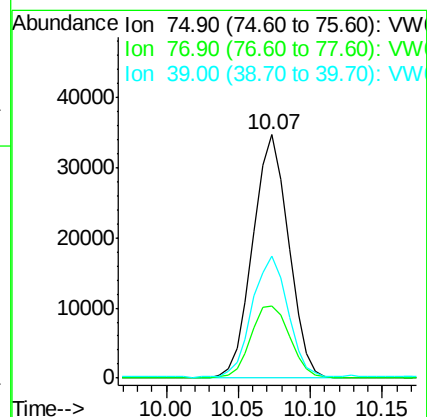
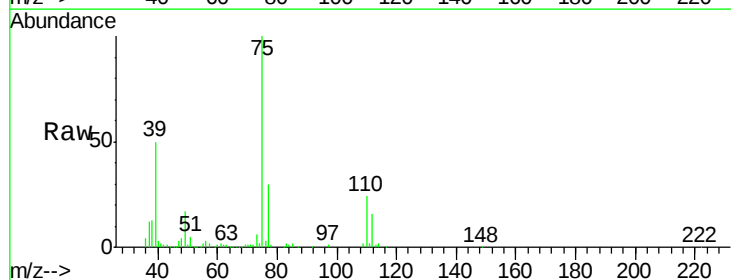
Tgt Ion: 75 Resp: 59833

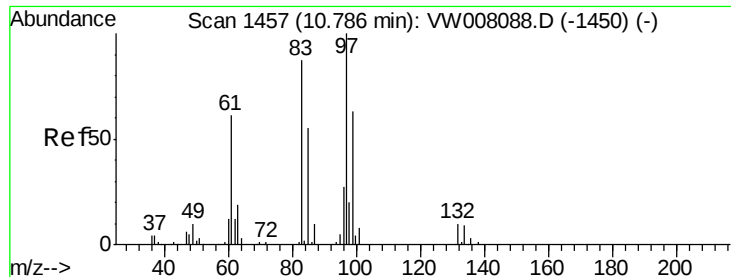
Ion Ratio Lower Upper

75 100

77 29.4 25.2 37.8

39 49.4 41.4 62.0



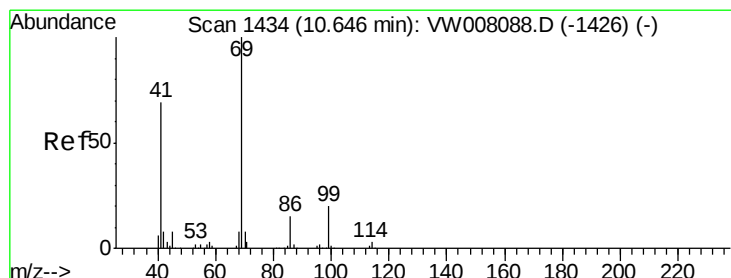
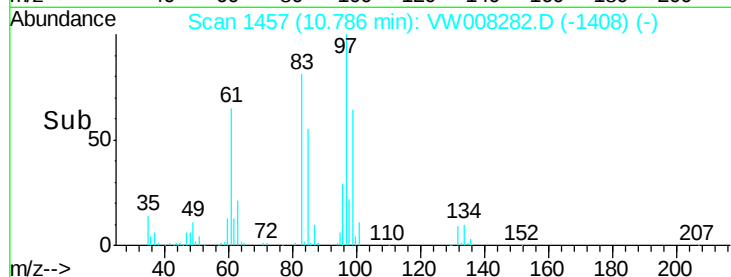
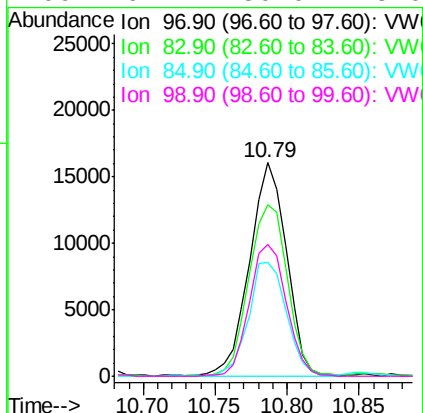
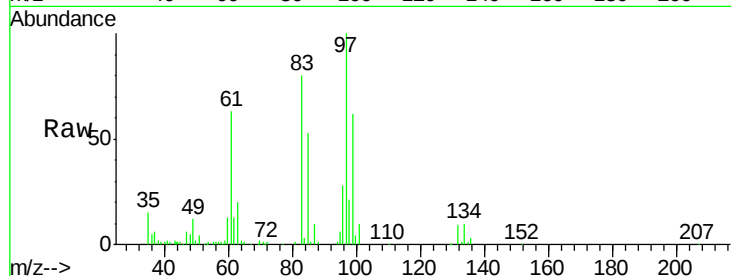


#55
 1,1,2-Trichloroethane
 Concen: 22.690 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008282.D
 Acq: 15 Jan 2019 14:18

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)MS

Tot Ion: 97 Resp: 28624

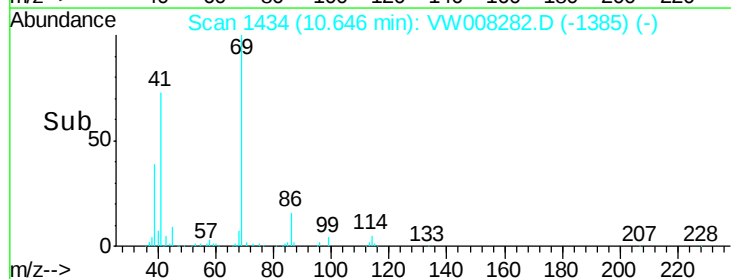
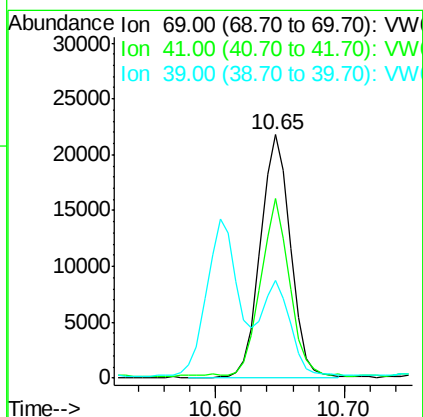
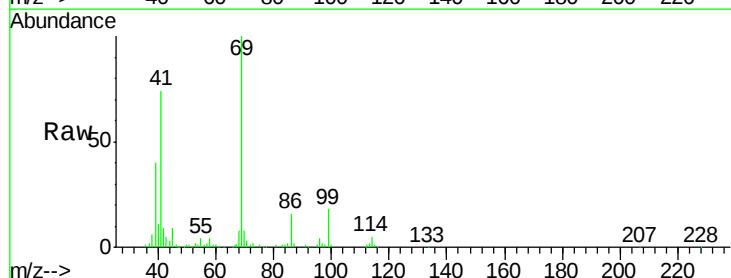
Ion	Ratio	Lower	Upper
97	100		
83	79.8	69.3	103.9
85	53.4	43.8	65.6
99	61.7	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 22.568 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008282.D
 Acq: 15 Jan 2019 14:18

Tgt Ion: 69 Resp: 35258

Ion	Ratio	Lower	Upper
69	100		
41	70.2	56.4	84.6
39	36.6	28.1	42.1

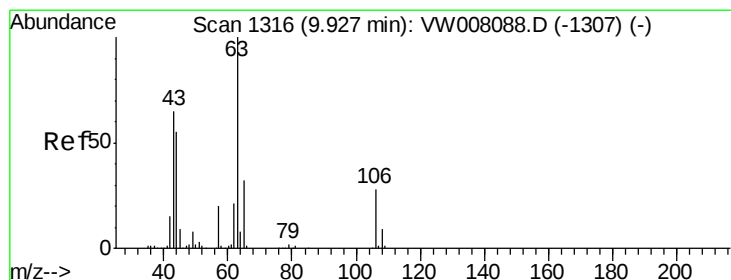
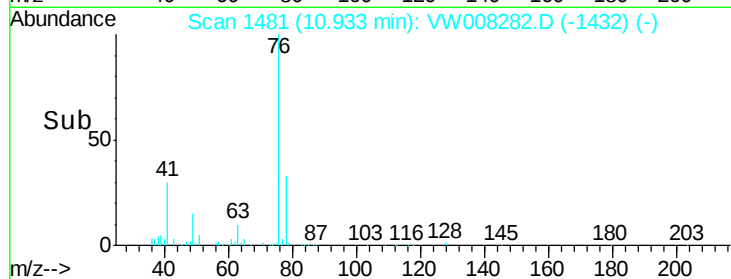
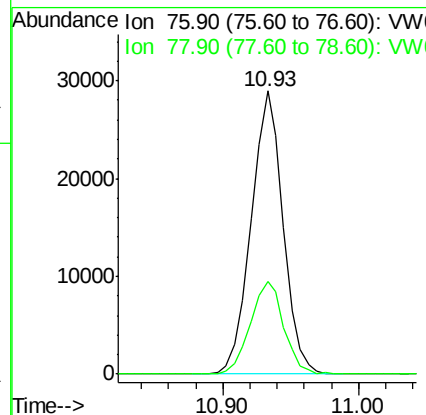
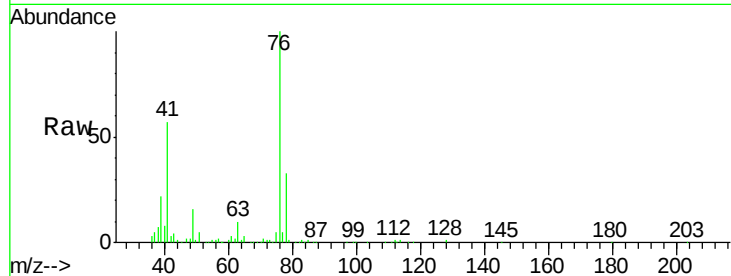




#57
 1,3-Dichloropropane
 Concen: 20.585 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008282.D
 Acq: 15 Jan 2019 14:18

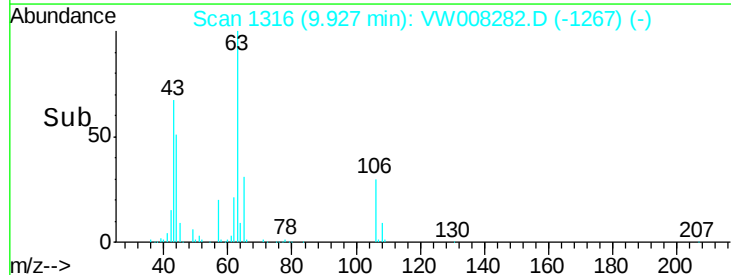
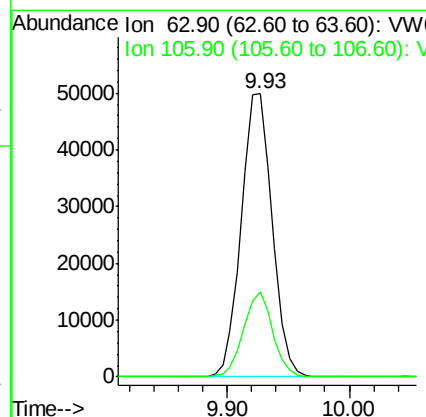
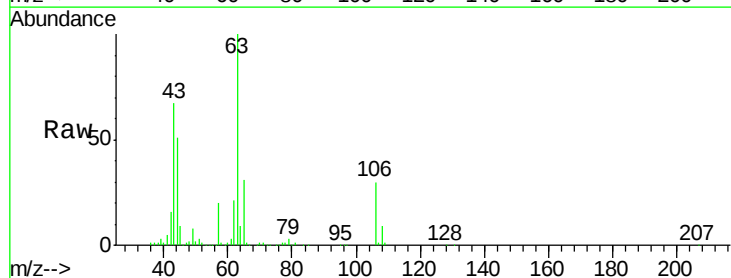
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)MS

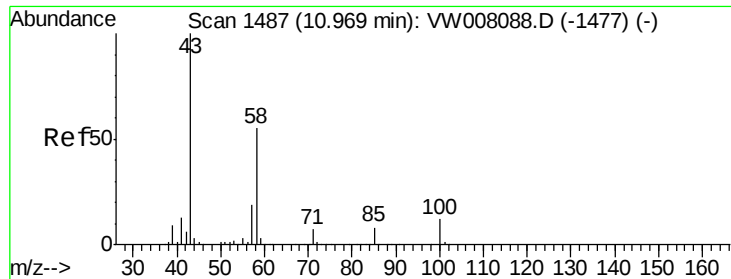
Tot Ion: 76 Resp: 47494
 Ion Ratio Lower Upper
 76 100
 78 34.3 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 108.324 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW008282.D
 Acq: 15 Jan 2019 14:18

Tgt Ion: 63 Resp: 87419
 Ion Ratio Lower Upper
 63 100
 106 28.4 21.8 32.6

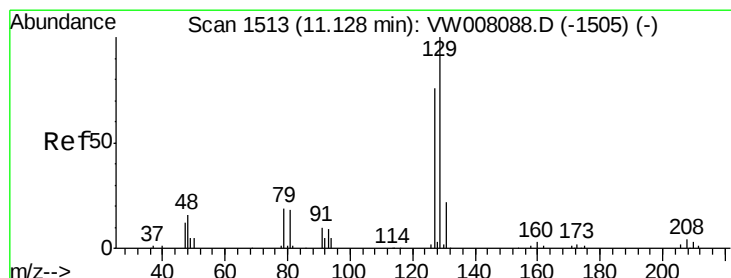
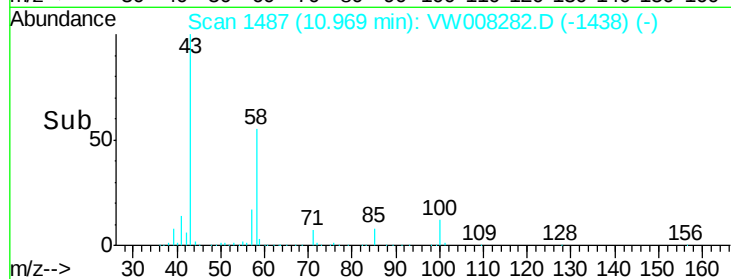
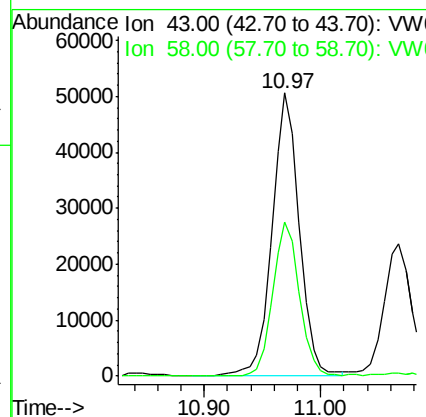
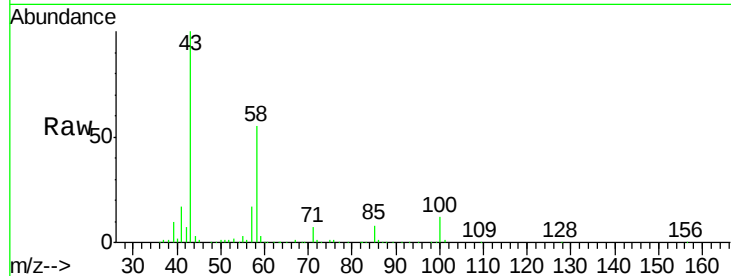




#59
2-Hexanone
Concen: 114.533 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008282.D
Acq: 15 Jan 2019 14:18

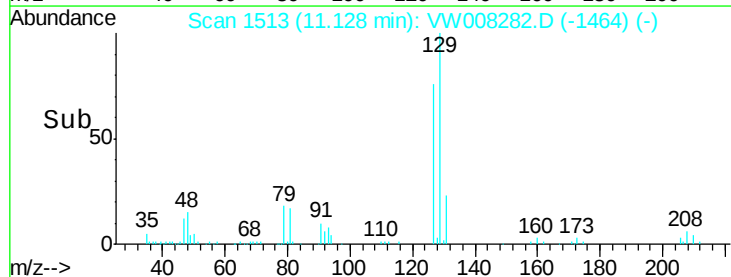
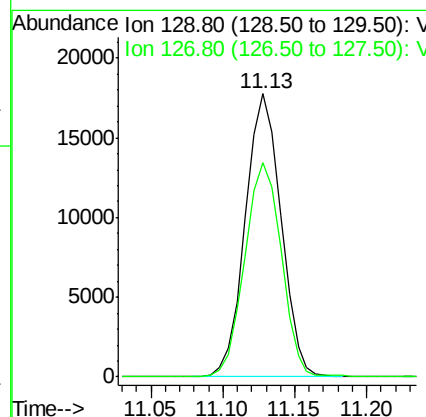
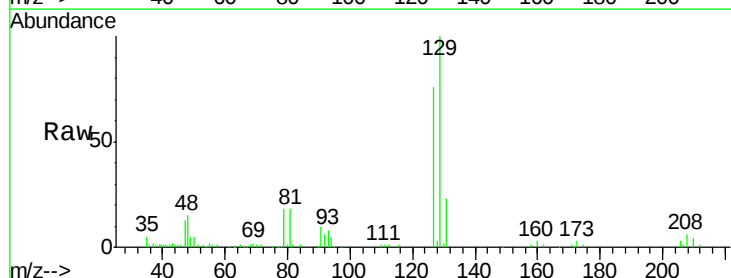
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MS

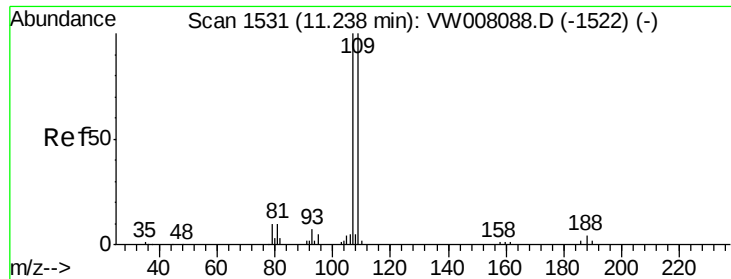
Tot Ion: 43 Resp: 81700
Ion Ratio Lower Upper
43 100
58 53.9 27.2 81.5



#60
Dibromochloromethane
Concen: 22.057 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008282.D
Acq: 15 Jan 2019 14:18

Tgt Ion: 129 Resp: 30556
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.6

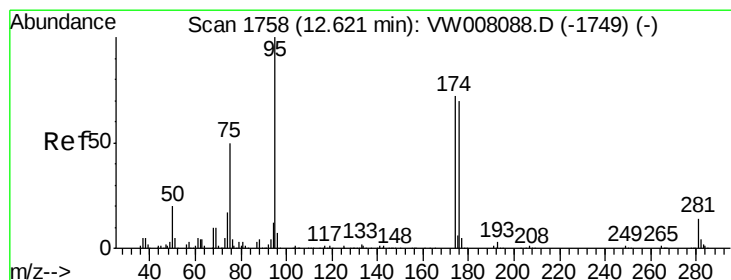
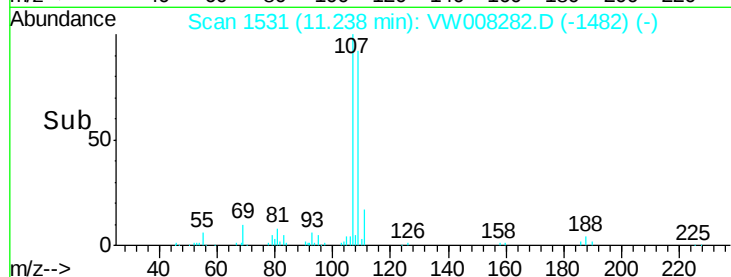
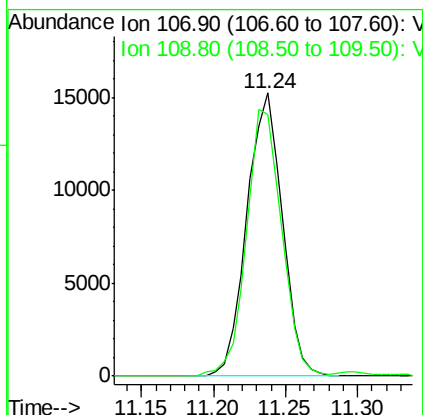
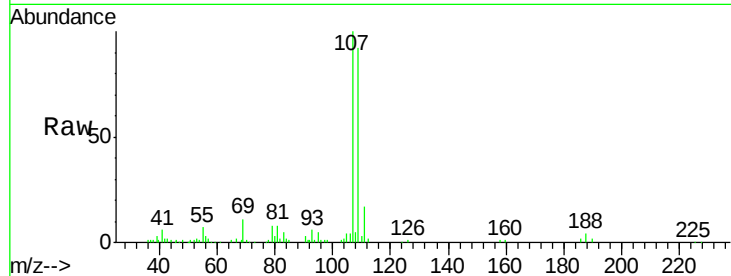




#61
 1,2-Dibromoethane
 Concen: 21.627 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW008282.D
 Acq: 15 Jan 2019 14:18

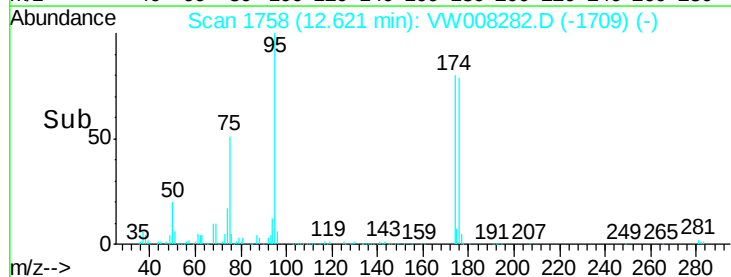
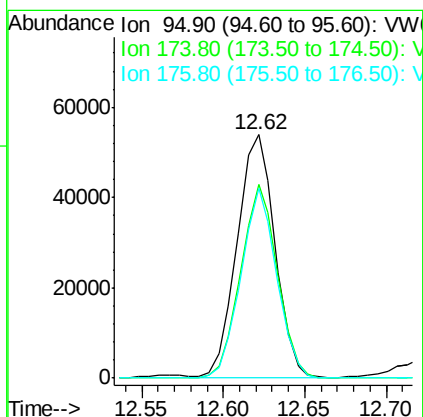
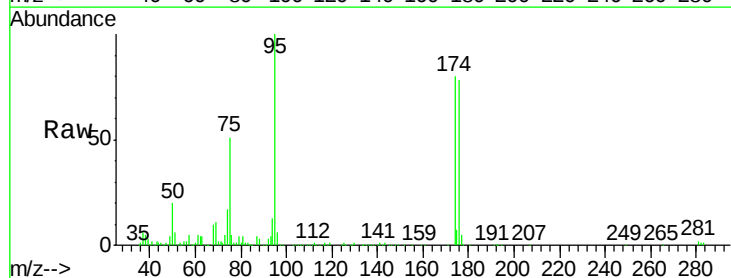
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)MS

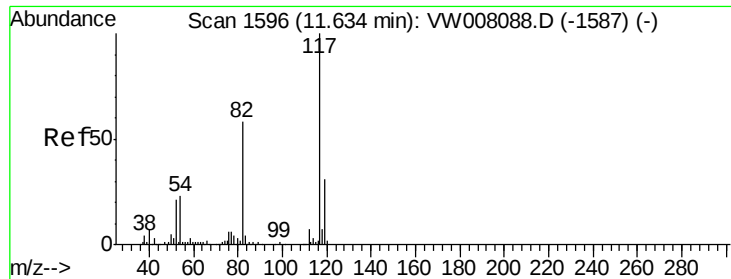
Tot Ion:107 Resp: 25888
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 37.463 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW008282.D
 Acq: 15 Jan 2019 14:18

Tgt Ion: 95 Resp: 86812
 Ion Ratio Lower Upper
 95 100
 174 77.6 0.0 143.0
 176 74.2 0.0 140.2

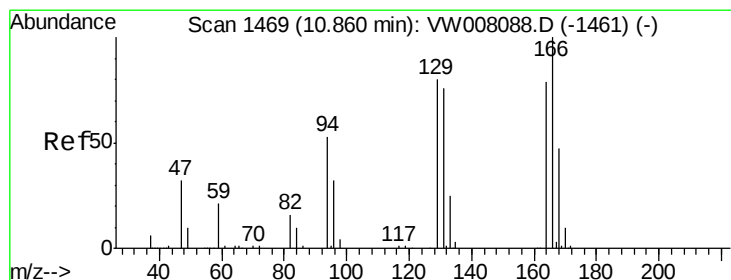
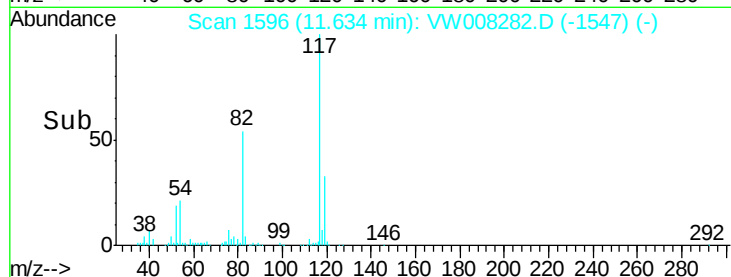
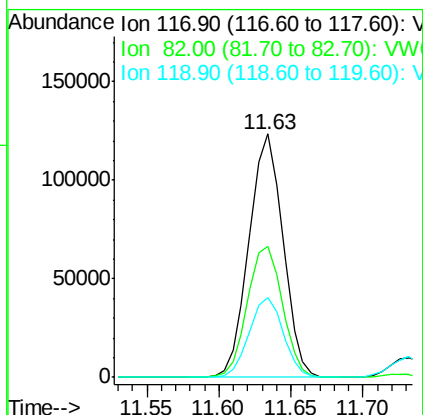
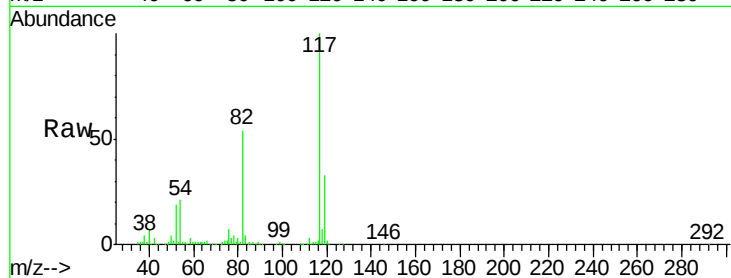




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008282.D
Acq: 15 Jan 2019 14:18

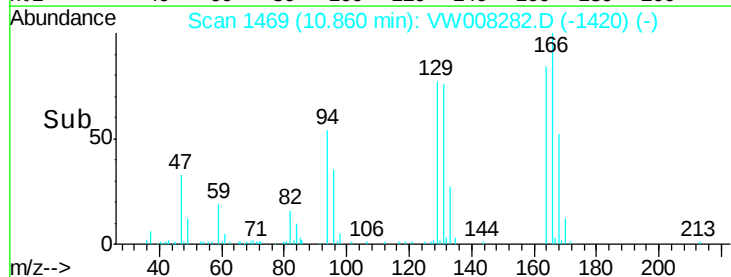
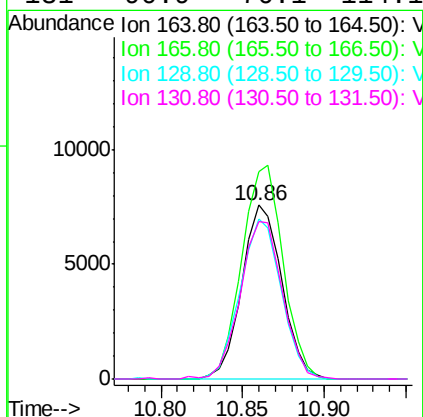
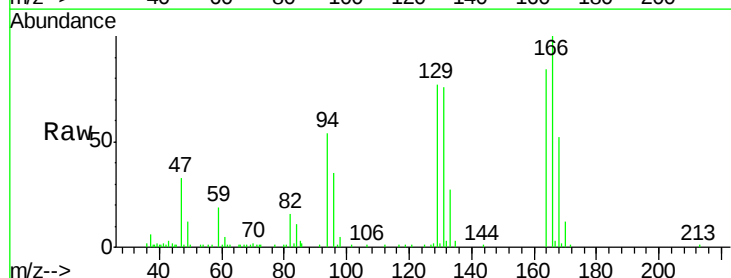
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MS

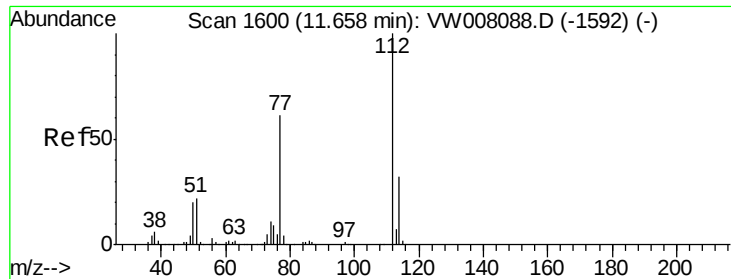
Tot Ion:117 Resp: 201828
Ion Ratio Lower Upper
117 100
82 53.9 46.4 69.6
119 32.6 24.7 37.1



#64
Tetrachloroethene
Concen: 9.880 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW008282.D
Acq: 15 Jan 2019 14:18

Tgt Ion:164 Resp: 12977
Ion Ratio Lower Upper
164 100
166 119.5 100.7 151.1
129 92.6 81.0 121.4
131 90.9 76.1 114.1

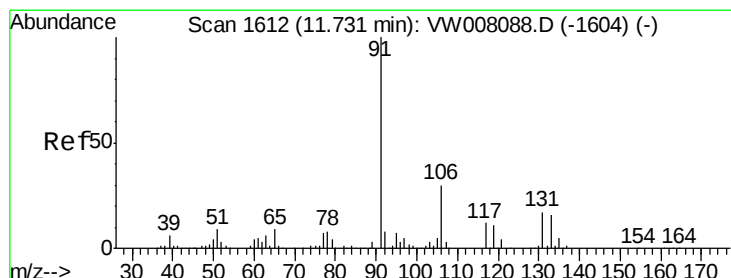
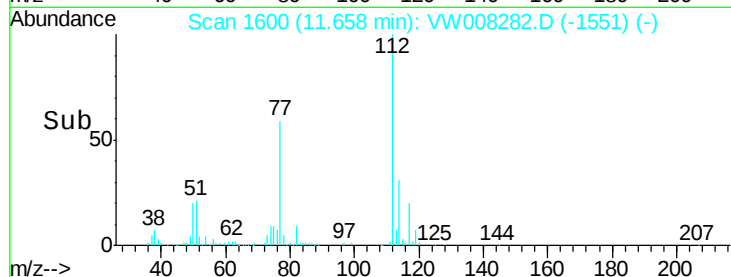
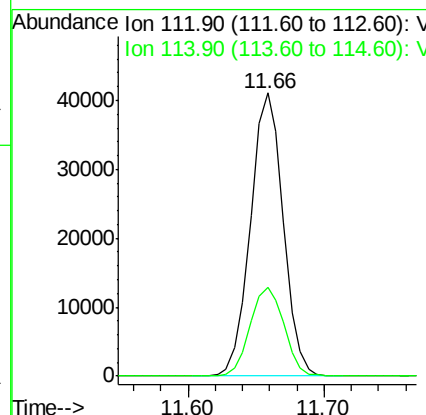
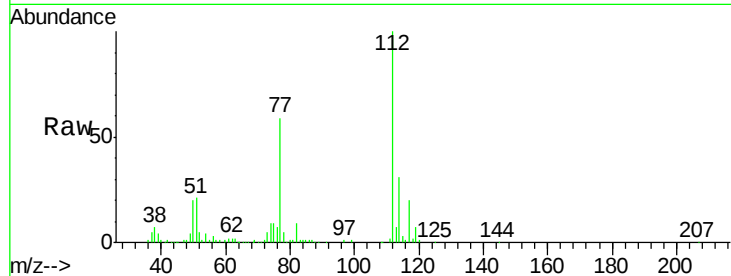




#65
Chlorobenzene
Concen: 16.189 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008282.D
Acq: 15 Jan 2019 14:18

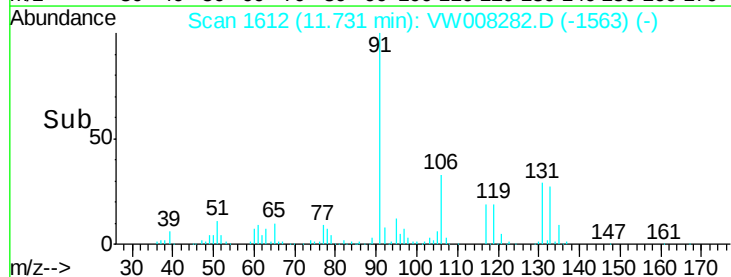
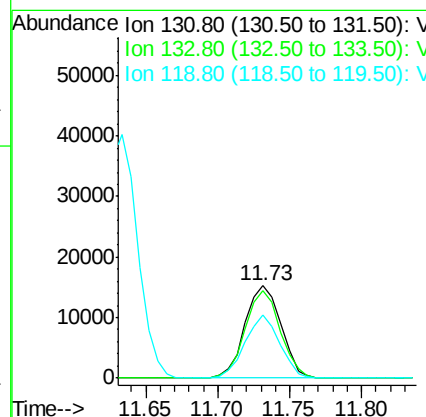
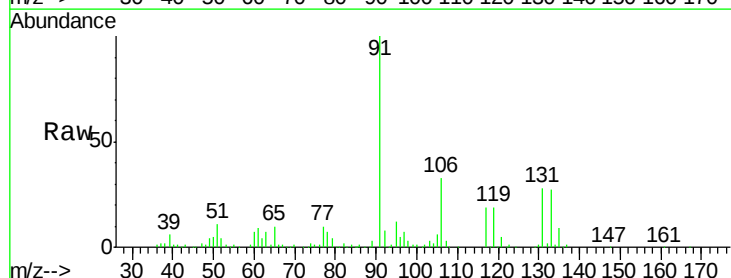
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MS

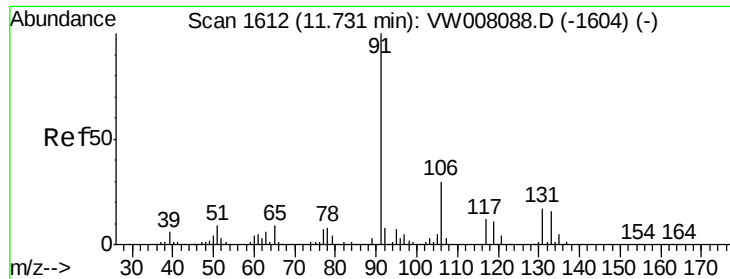
Tot Ion:112 Resp: 69222
Ion Ratio Lower Upper
112 100
114 31.3 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 18.979 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008282.D
Acq: 15 Jan 2019 14:18

Tgt Ion:131 Resp: 26395
Ion Ratio Lower Upper
131 100
133 92.6 47.9 143.7
119 65.3 32.5 97.4

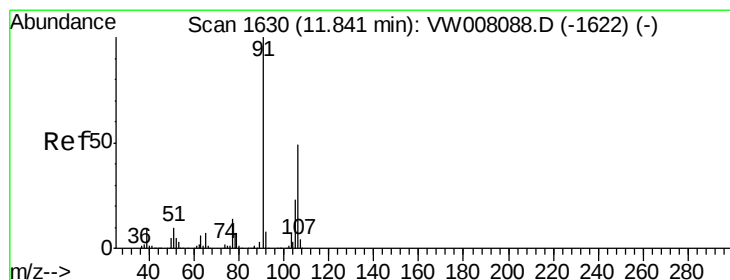
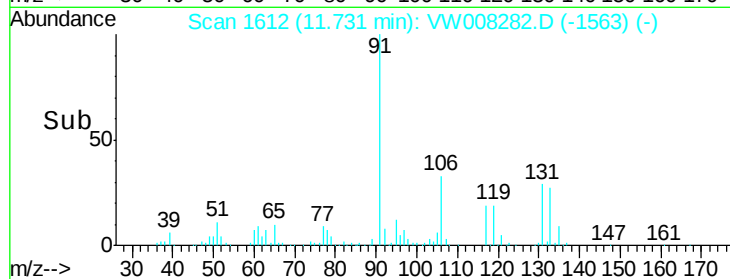
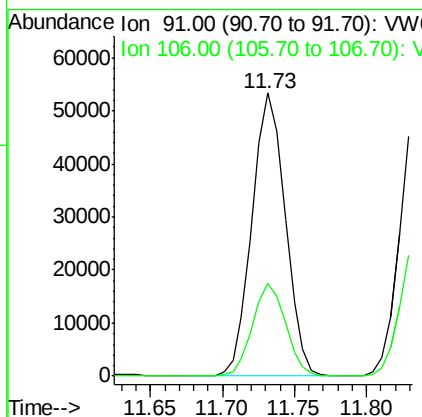
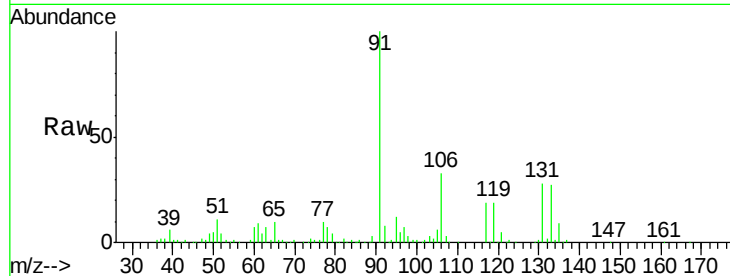




#67
Ethyl Benzene
Concen: 10.926 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008282.D
Acq: 15 Jan 2019 14:18

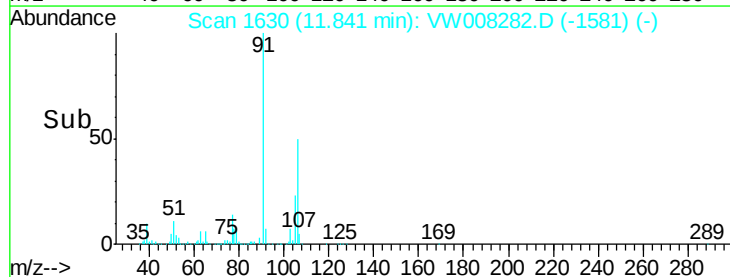
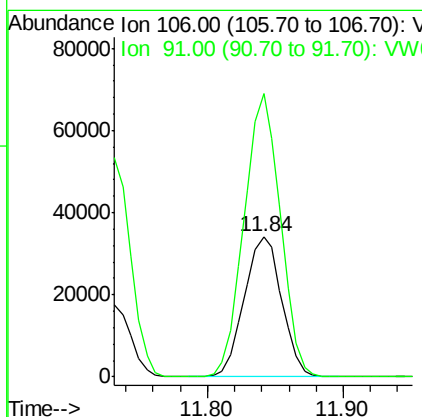
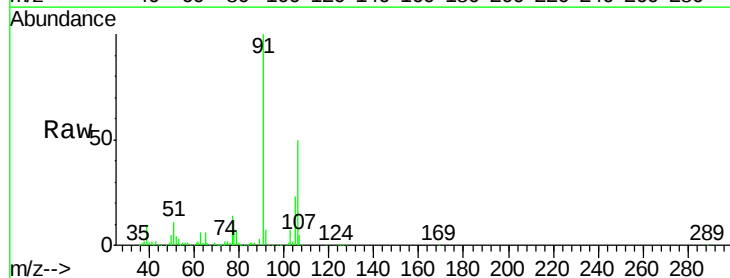
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MS

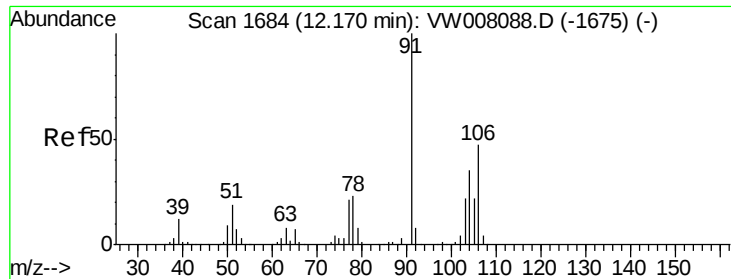
Tot Ion: 91 Resp: 85485
Ion Ratio Lower Upper
91 100
106 32.7 24.2 36.4



#68
m/p-Xylenes
Concen: 22.010 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008282.D
Acq: 15 Jan 2019 14:18

Tgt Ion: 106 Resp: 65726
Ion Ratio Lower Upper
106 100
91 196.2 162.4 243.6

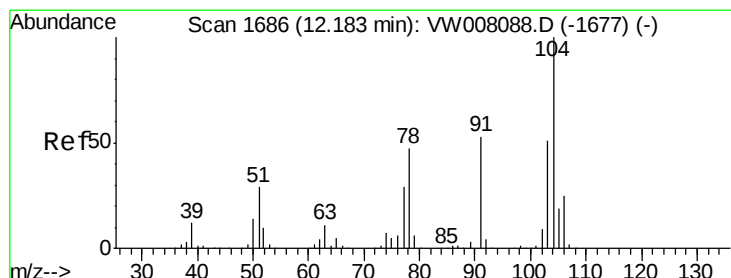
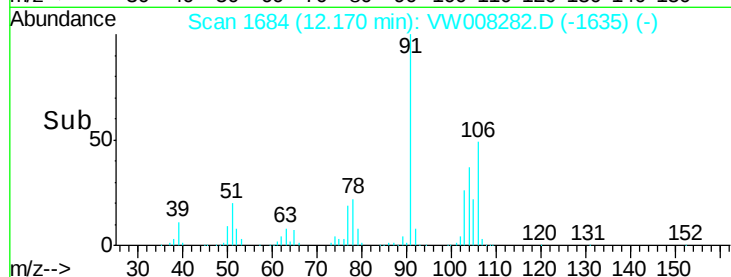
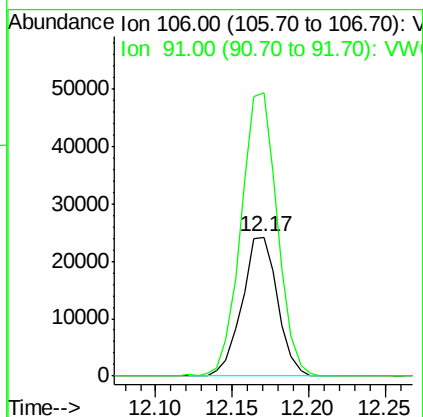
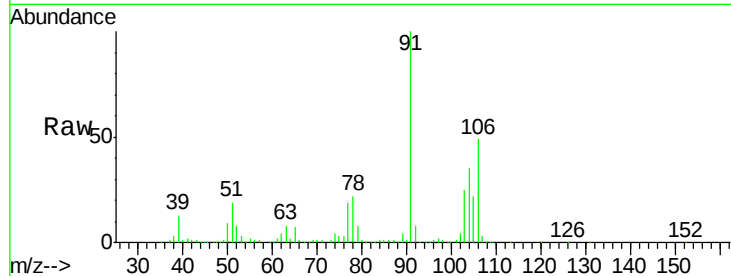




#69
o-Xylene
Concen: 14.121 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008282.D
Acq: 15 Jan 2019 14:18

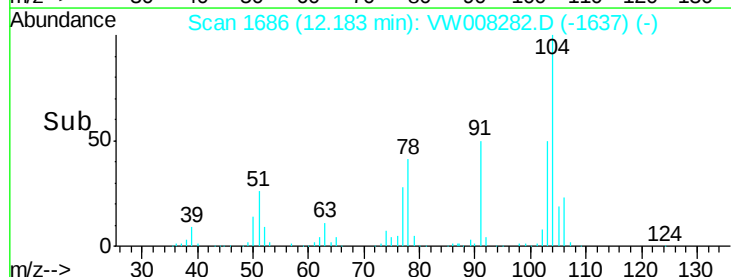
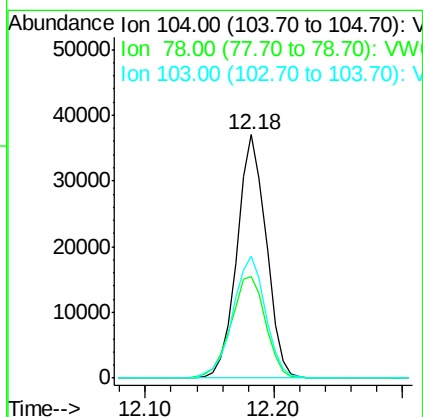
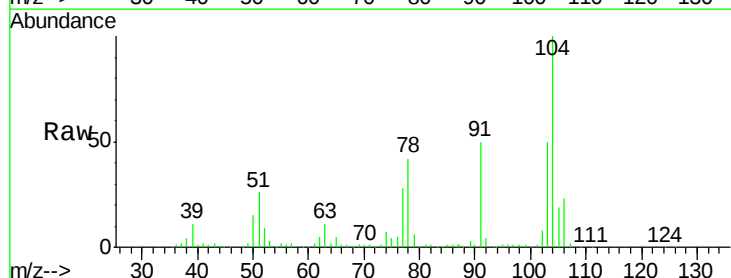
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MS

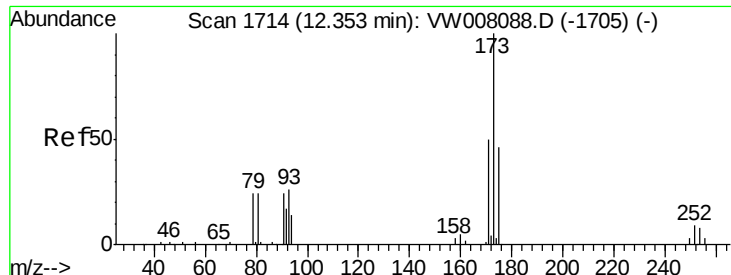
Tot Ion:106 Resp: 39049
Ion Ratio Lower Upper
106 100
91 208.0 107.8 323.6



#70
Styrene
Concen: 13.415 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008282.D
Acq: 15 Jan 2019 14:18

Tgt Ion:104 Resp: 58108
Ion Ratio Lower Upper
104 100
78 49.8 41.8 62.8
103 55.9 43.8 65.8

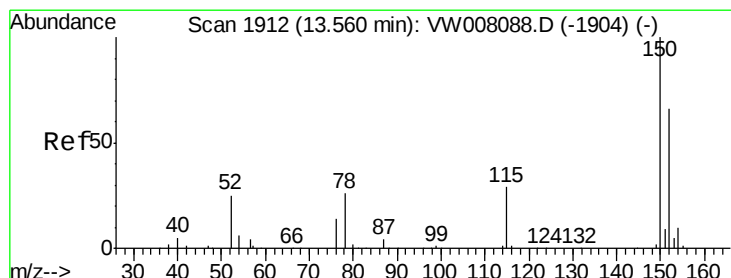
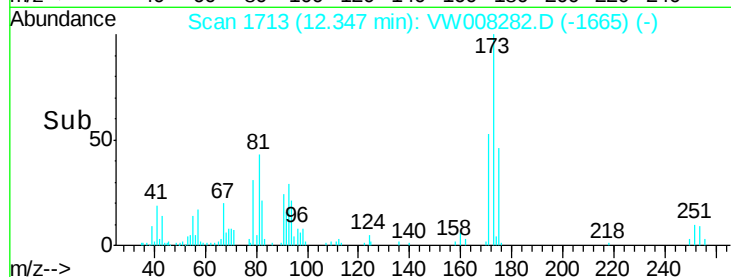
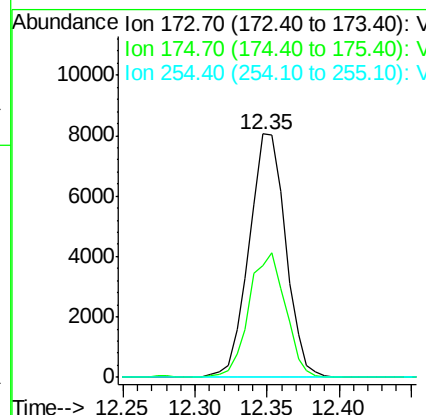
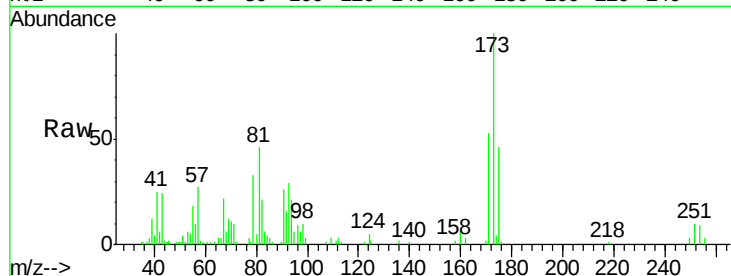




#71
Bromoform
Concen: 22.718 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: VW008282.D
Acq: 15 Jan 2019 14:18

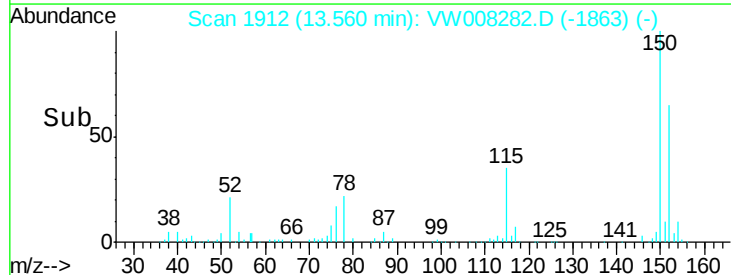
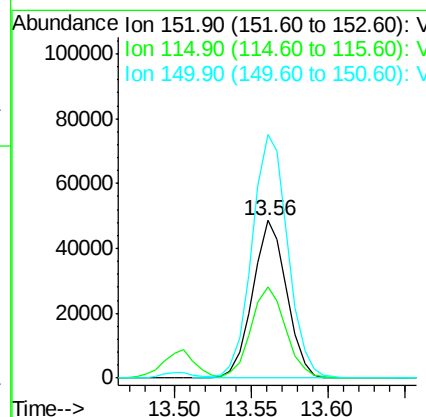
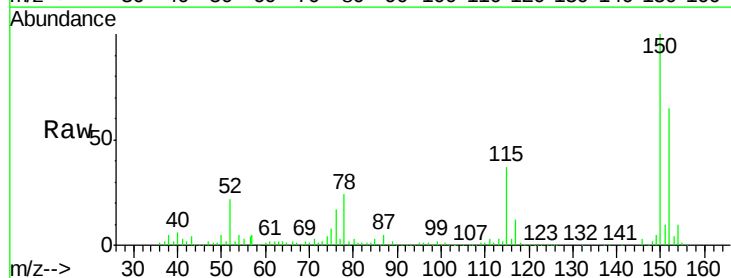
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MS

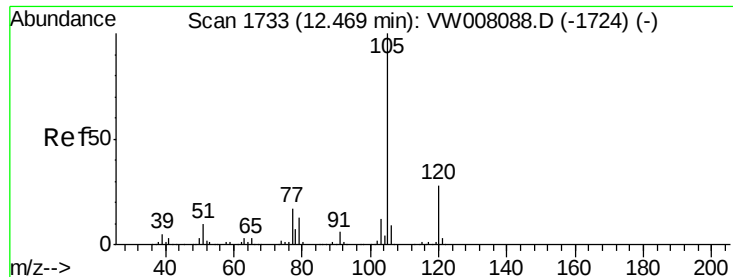
Tot Ion:173 Resp: 14140
Ion Ratio Lower Upper
173 100
175 50.9 23.3 69.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008282.D
Acq: 15 Jan 2019 14:18

Tgt Ion:152 Resp: 74911
Ion Ratio Lower Upper
152 100
115 59.0 30.8 92.4
150 163.0 0.0 350.2





#73

Isopropylbenzene

Concen: 16.904 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW008282.D

Acq: 15 Jan 2019 14:18

Instrument :

MSVOA_W

ClientSampleId :

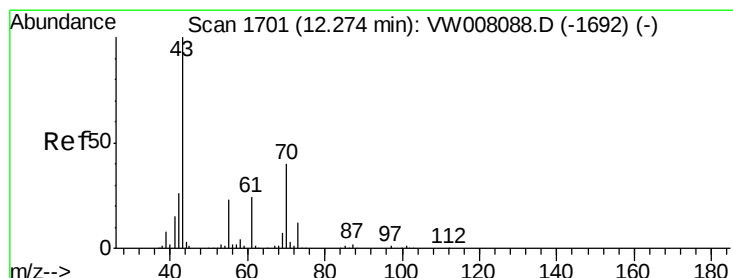
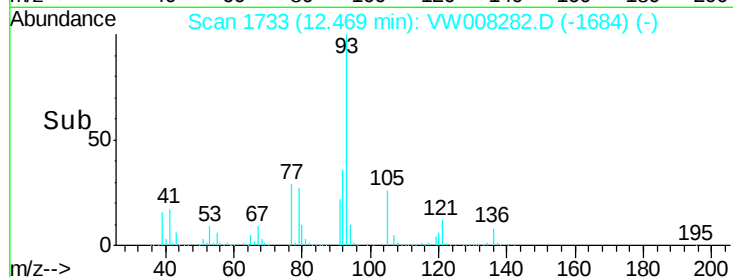
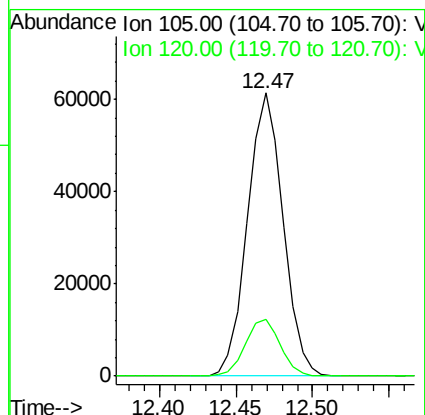
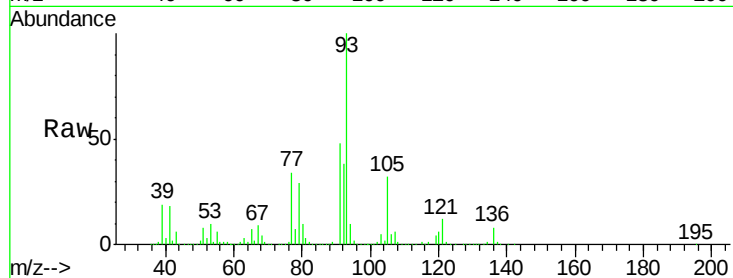
CPSB-07(15-20)MS

Tot Ion:105 Resp: 99417

Ion Ratio Lower Upper

105 100

120 19.8 13.6 40.8



#74

N-ethyl acetate

Concen: 30.460 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008282.D

Acq: 15 Jan 2019 14:18

Tgt Ion: 43 Resp: 39672

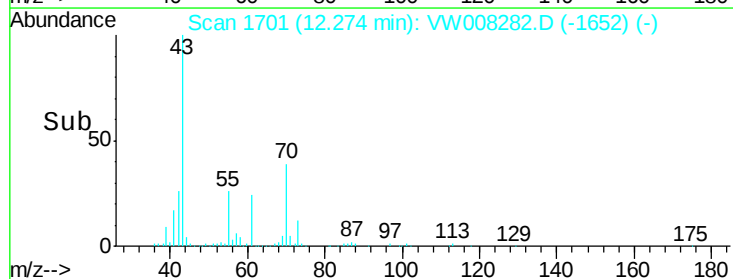
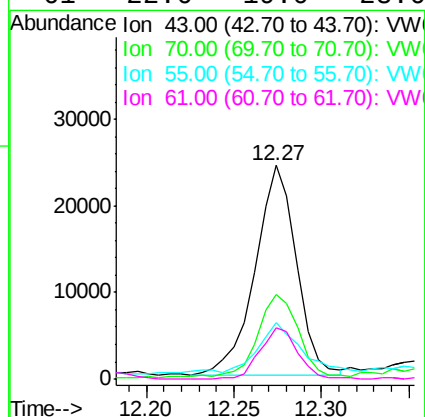
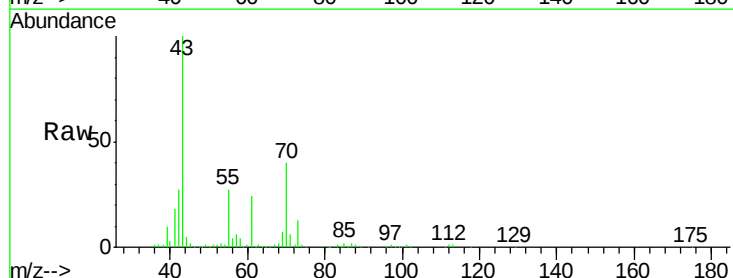
Ion Ratio Lower Upper

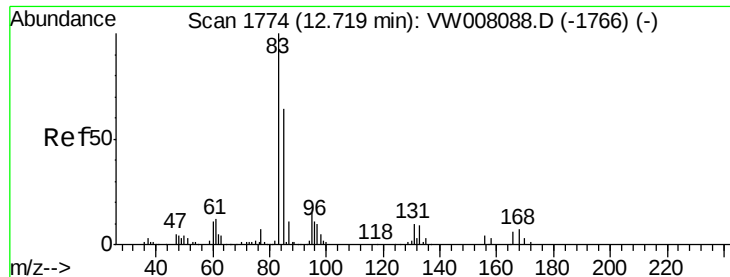
43 100

70 39.9 32.4 48.6

55 28.8 18.7 28.1#

61 22.6 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 27.534 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW008282.D

Acq: 15 Jan 2019 14:18

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

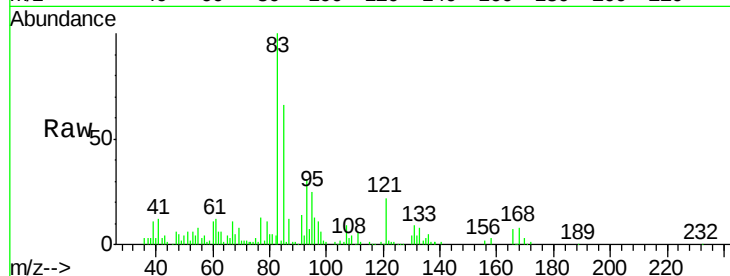
Tot Ion: 83 Resp: 25920

Ion Ratio Lower Upper

83 100

131 10.9 5.3 16.1

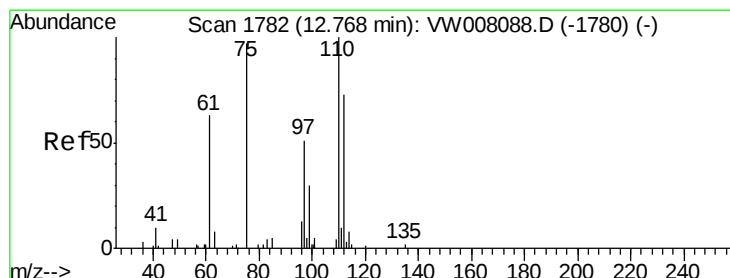
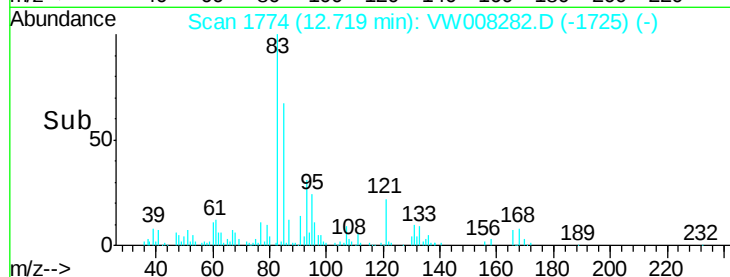
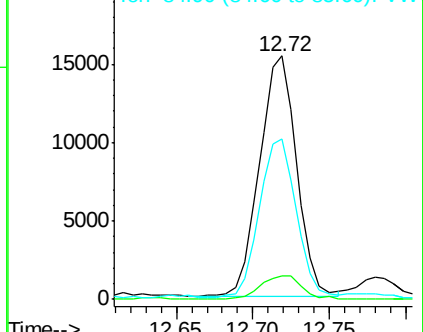
85 65.5 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 27.146 ug/l m

RT: 12.77 min Scan# 1783

Delta R.T. 0.01 min

Lab File: VW008282.D

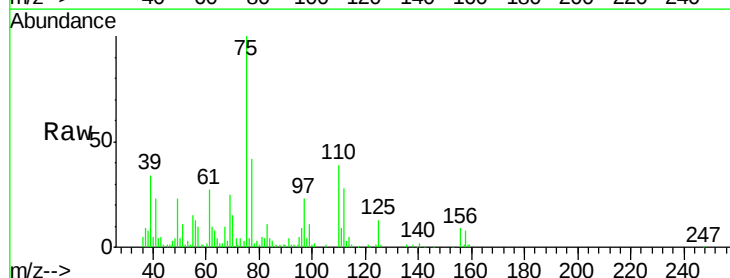
Acq: 15 Jan 2019 14:18

Tgt Ion: 75 Resp: 18538

Ion Ratio Lower Upper

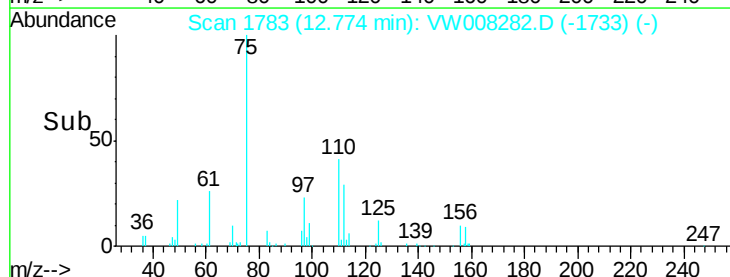
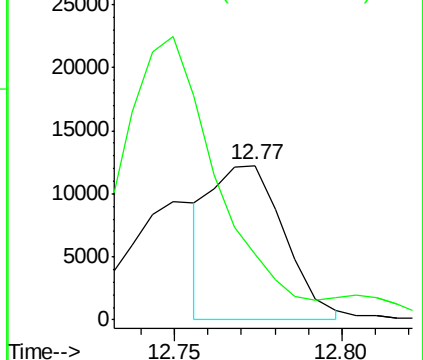
75 100

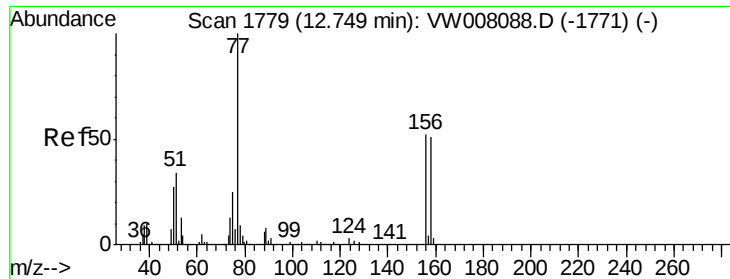
77 0.0 179.4 538.2#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 16.673 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008282.D

Acq: 15 Jan 2019 14:18

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

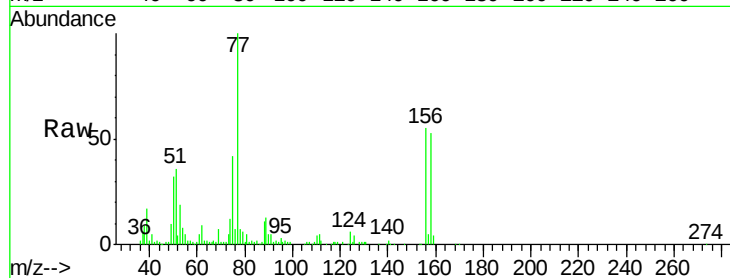
Tot Ion:156 Resp: 20719

Ion Ratio Lower Upper

156 100

77 223.6 104.2 312.5

158 100.1 47.9 143.6

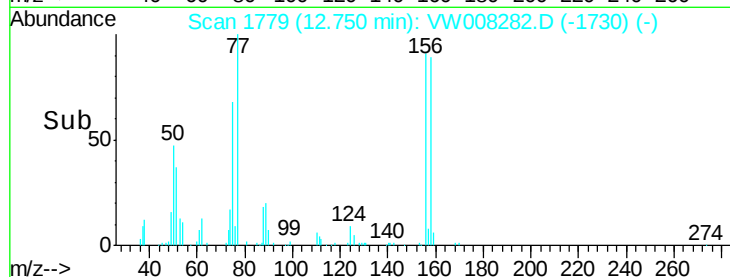


Abundance Ion 155.80 (155.50 to 156.50): V

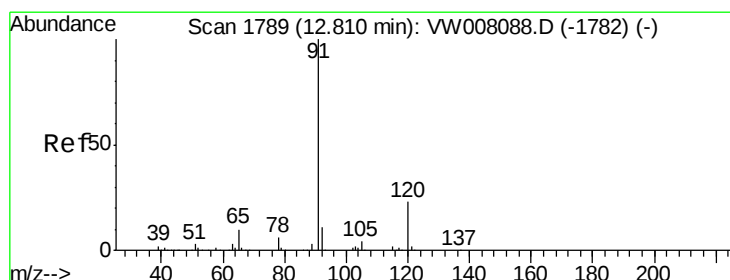
Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V

Time-->



Time-->



#78

n-propylbenzene

Concen: 9.535 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008282.D

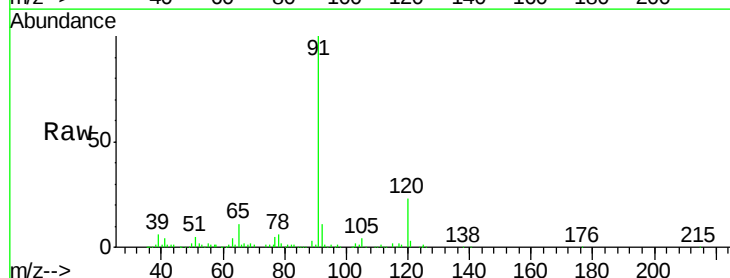
Acq: 15 Jan 2019 14:18

Tgt Ion: 91 Resp: 68710

Ion Ratio Lower Upper

91 100

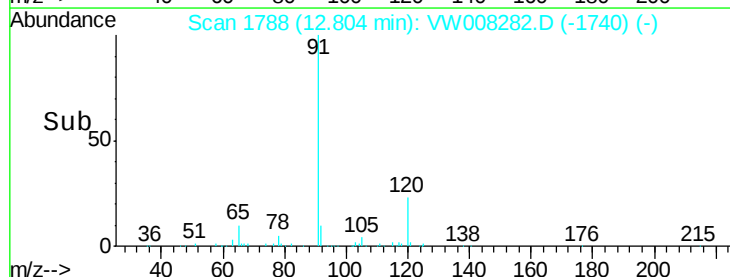
120 23.3 11.3 33.8



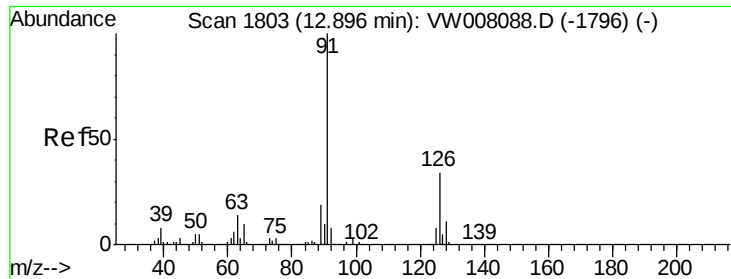
Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

Time-->



Time-->



#79

2-Chlorotoluene

Concen: 10.689 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW008282.D

Acq: 15 Jan 2019 14:18

Instrument :

MSVOA_W

ClientSampleId :

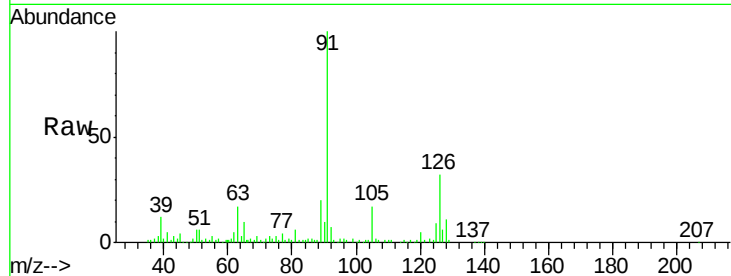
CPSB-07(15-20)MS

Tot Ion: 91 Resp: 42974

Ion Ratio Lower Upper

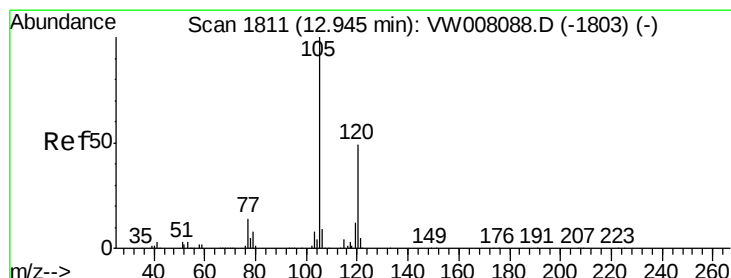
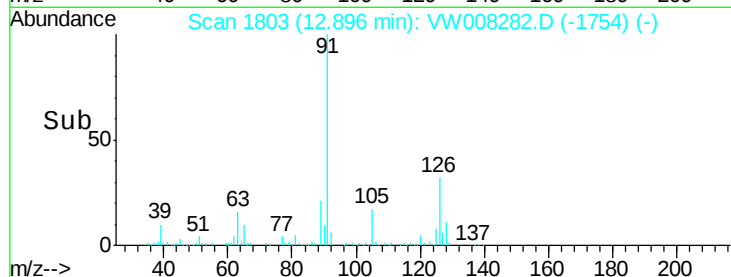
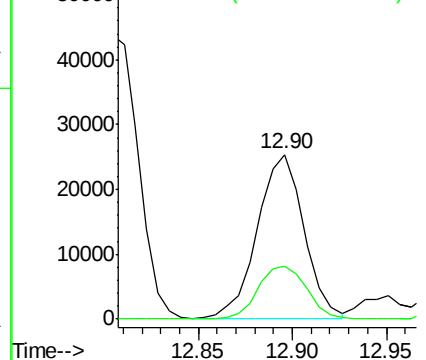
91 100

126 33.8 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 9.805 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008282.D

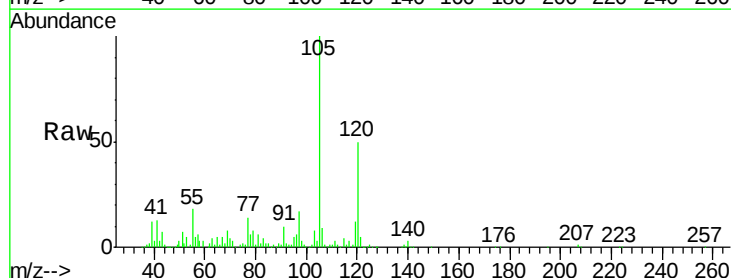
Acq: 15 Jan 2019 14:18

Tgt Ion:105 Resp: 47385

Ion Ratio Lower Upper

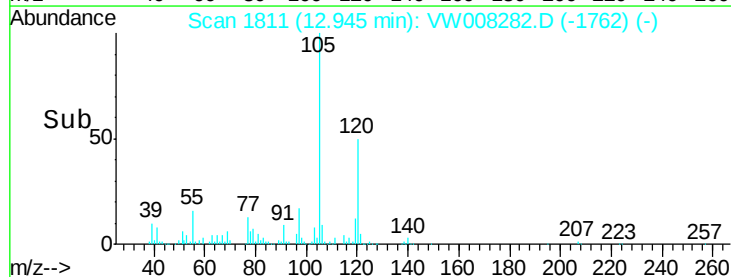
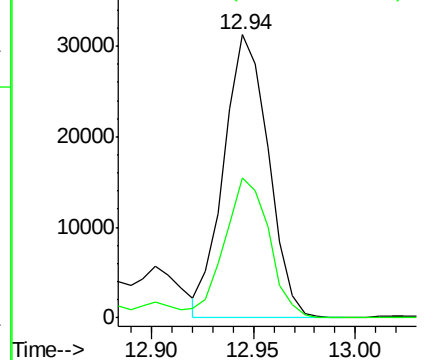
105 100

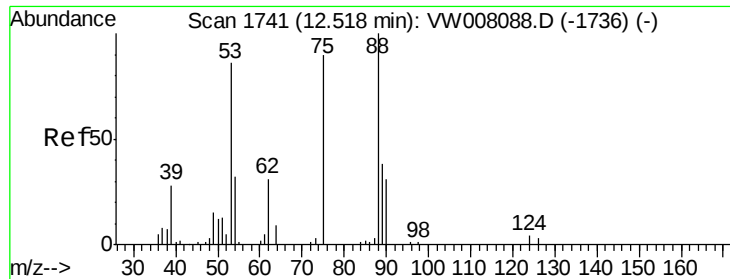
120 49.5 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 28.811 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW008282.D

Acq: 15 Jan 2019 14:18

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

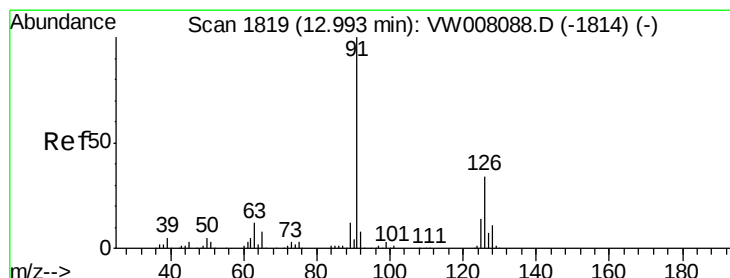
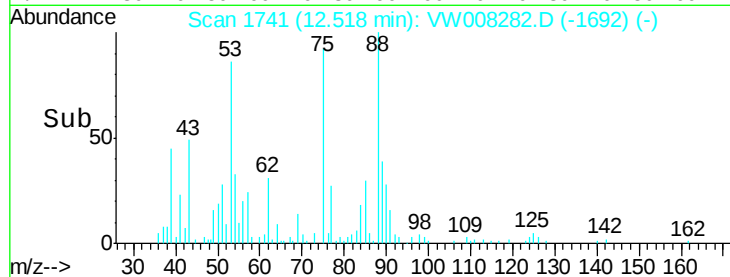
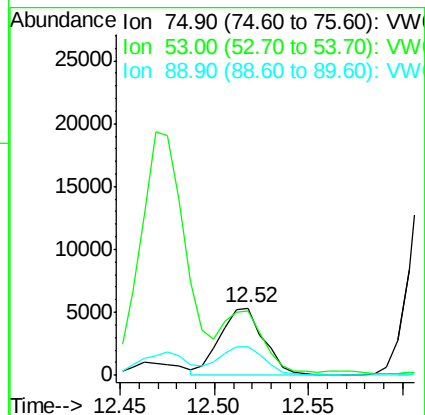
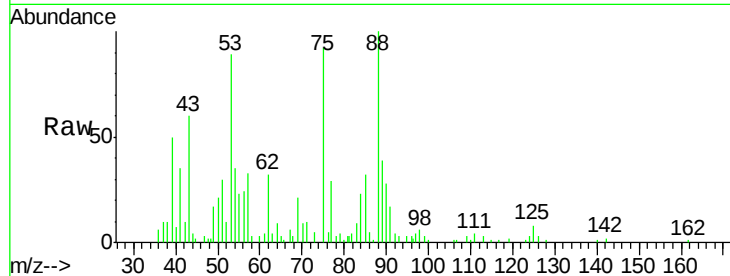
Tot Ion: 75 Resp: 8449

Ion Ratio Lower Upper

75 100

53 82.5 78.8 118.2

89 44.7 35.4 53.2



#82

4-Chlorotoluene

Concen: 11.046 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW008282.D

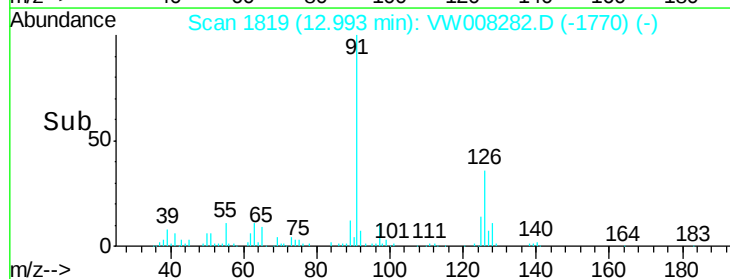
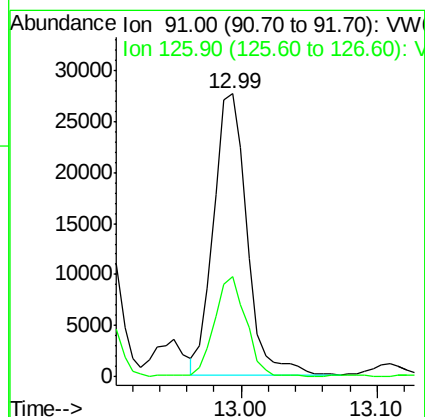
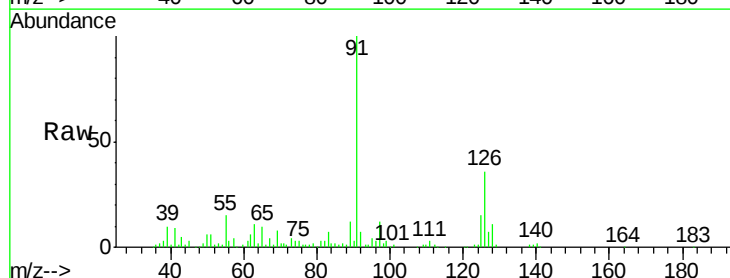
Acq: 15 Jan 2019 14:18

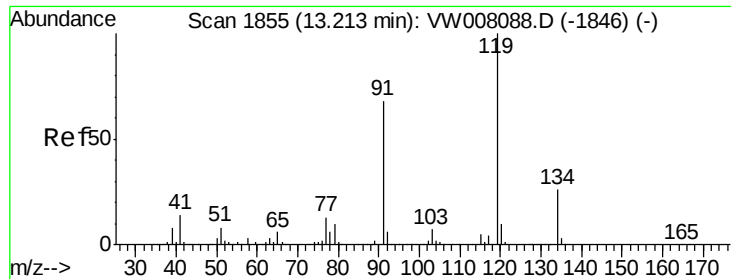
Tgt Ion: 91 Resp: 46773

Ion Ratio Lower Upper

91 100

126 33.6 16.5 49.5

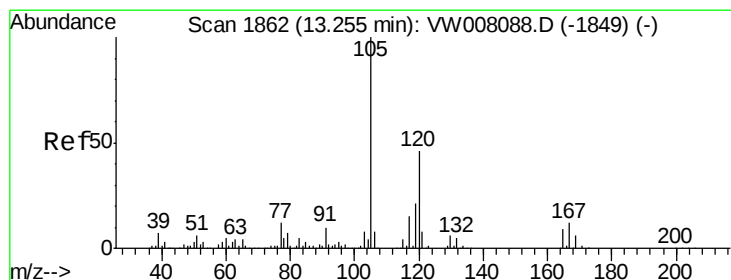
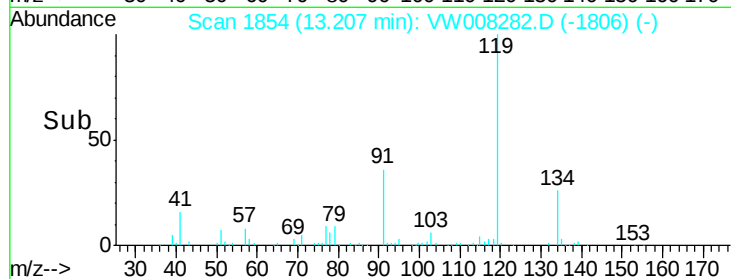
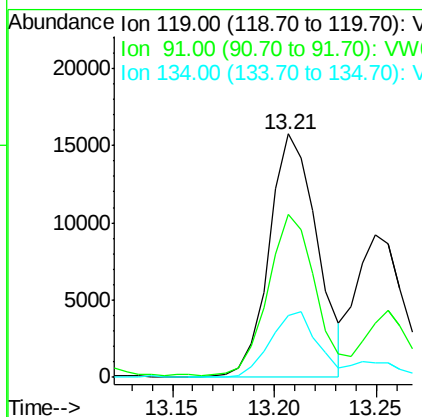
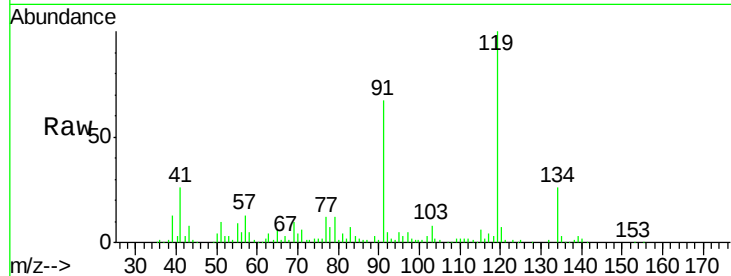




#83
tert-Butylbenzene
Concen: 6.027 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW008282.D
Acq: 15 Jan 2019 14:18

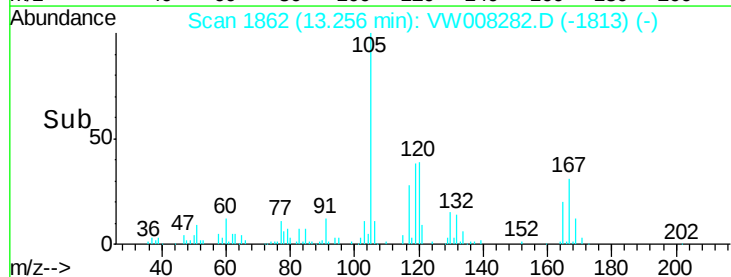
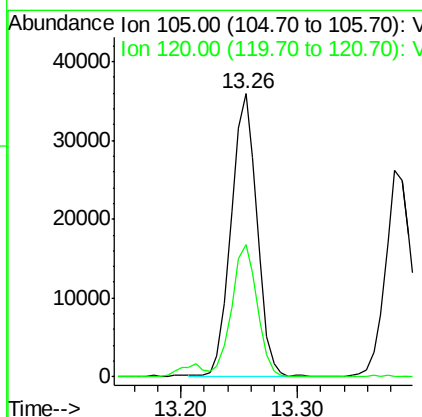
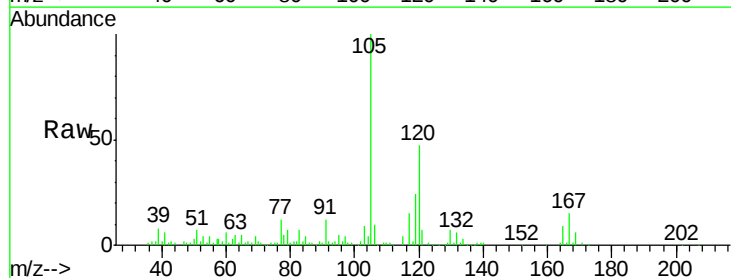
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MS

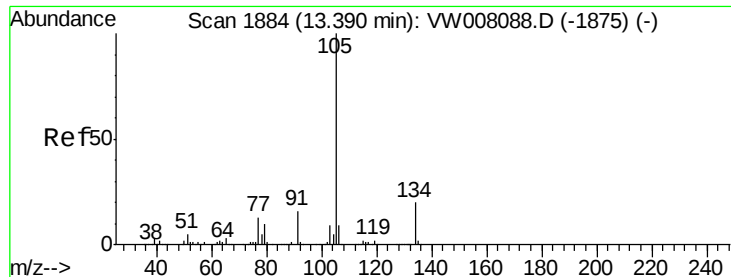
Tot Ion:119 Resp: 25771
Ion Ratio Lower Upper
119 100
91 66.3 33.9 101.6
134 27.4 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 11.160 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008282.D
Acq: 15 Jan 2019 14:18

Tgt Ion:105 Resp: 55627
Ion Ratio Lower Upper
105 100
120 46.0 22.7 68.1

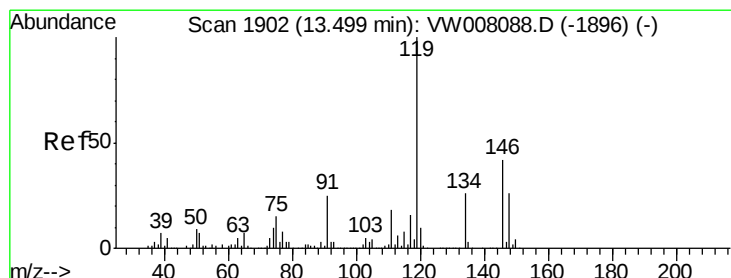
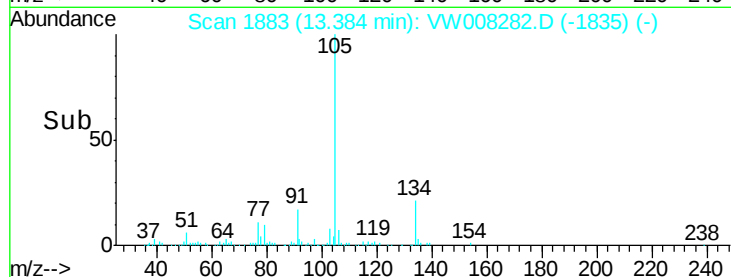
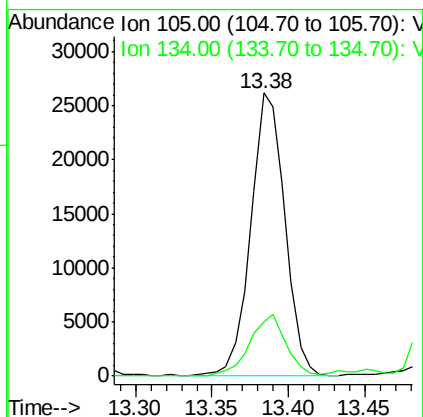
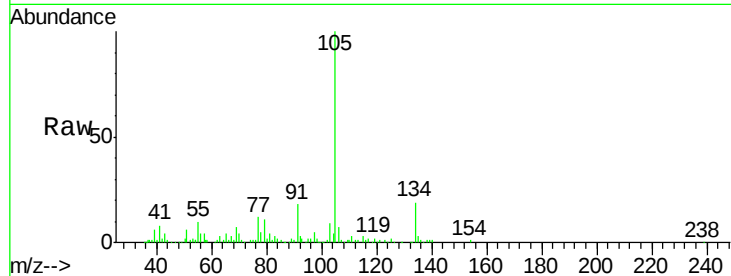




#85
 sec-Butylbenzene
 Concen: 6.481 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VW008282.D
 Acq: 15 Jan 2019 14:18

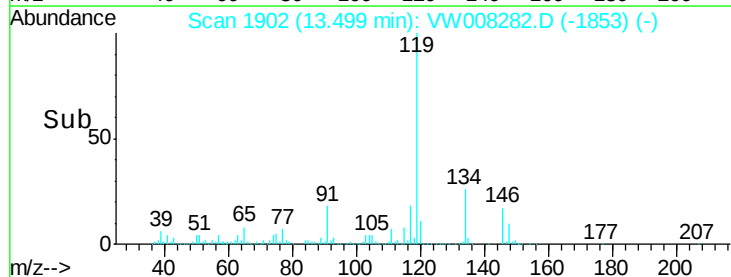
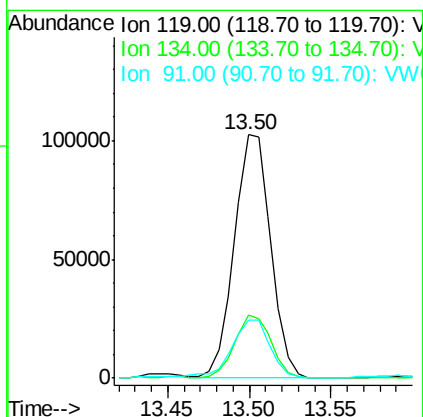
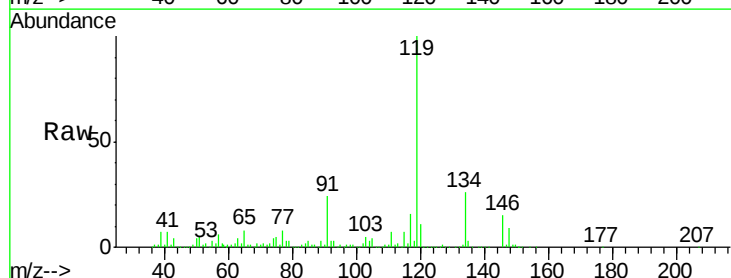
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)MS

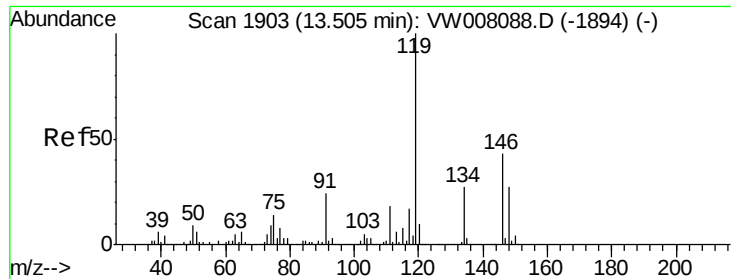
Tot Ion:105 Resp: 40594
 Ion Ratio Lower Upper
 105 100
 134 23.3 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 29.436 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW008282.D
 Acq: 15 Jan 2019 14:18

Tgt Ion:119 Resp: 159204
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.3 39.8
 91 25.6 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 9.615 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

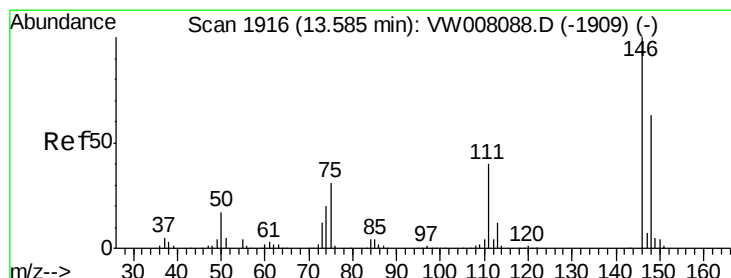
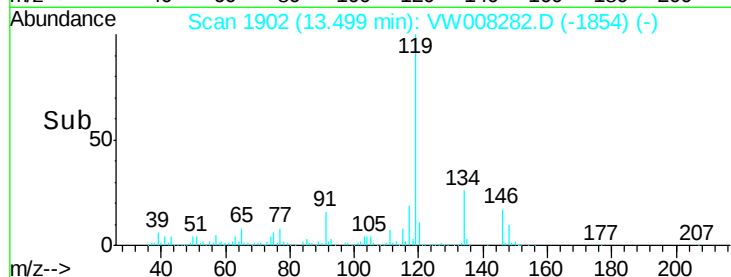
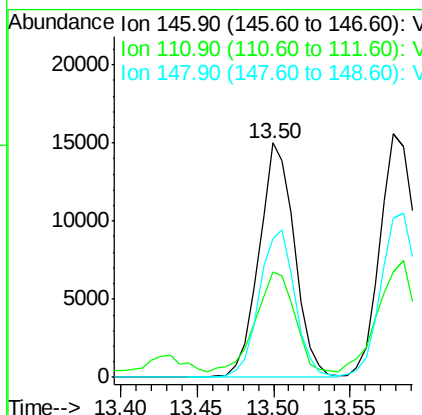
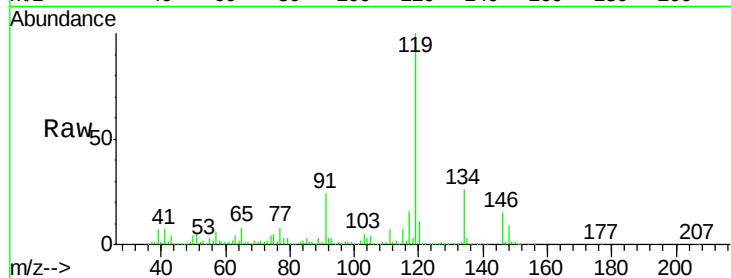
Lab File: VW008282.D

Acq: 15 Jan 2019 14:18

Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MS

Tot Ion:146 Resp: 24237

Ion	Ratio	Lower	Upper
146	100		
111	47.0	21.1	63.1
148	63.4	31.3	93.9



#88

1,4-Dichlorobenzene

Concen: 10.033 ug/l

RT: 13.58 min Scan# 1915

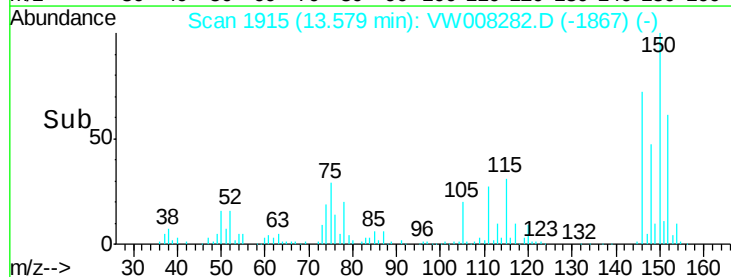
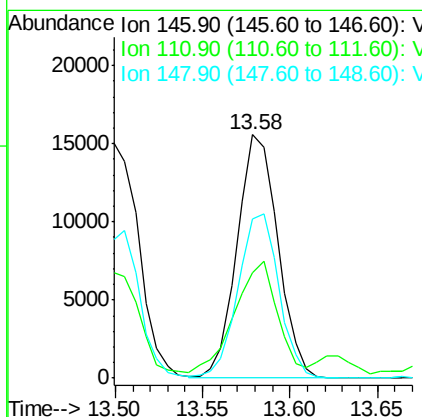
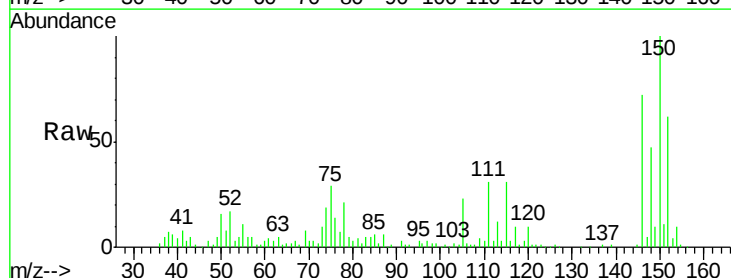
Delta R.T. -0.01 min

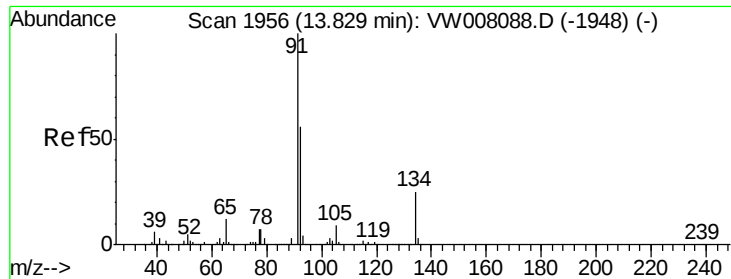
Lab File: VW008282.D

Acq: 15 Jan 2019 14:18

Tgt Ion:146 Resp: 25376

Ion	Ratio	Lower	Upper
146	100		
111	47.1	20.5	61.5
148	67.3	31.6	94.8





#89

n-Butylbenzene

Concen: 5.472 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008282.D

Acq: 15 Jan 2019 14:18

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

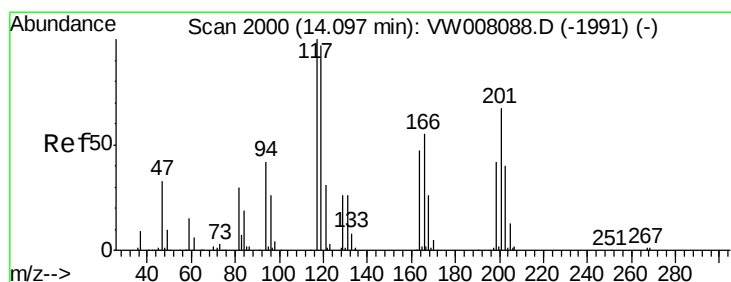
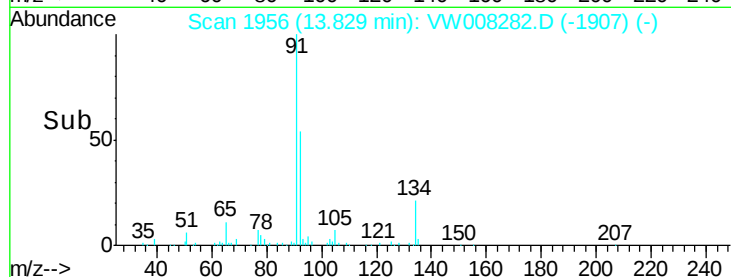
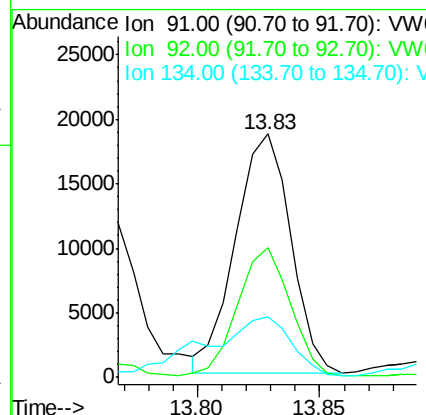
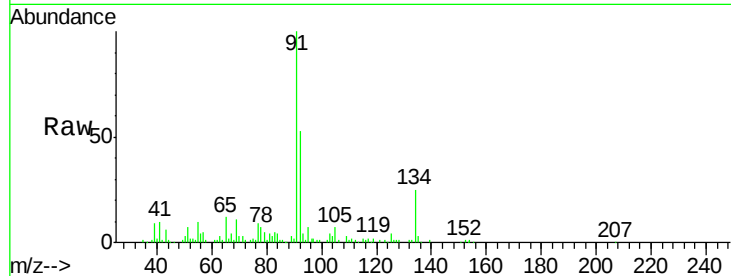
Tot Ion: 91 Resp: 28988

Ion Ratio Lower Upper

91 100

92 52.6 27.4 82.2

134 37.8 12.6 37.8



#90

Hexachloroethane

Concen: 6.916 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008282.D

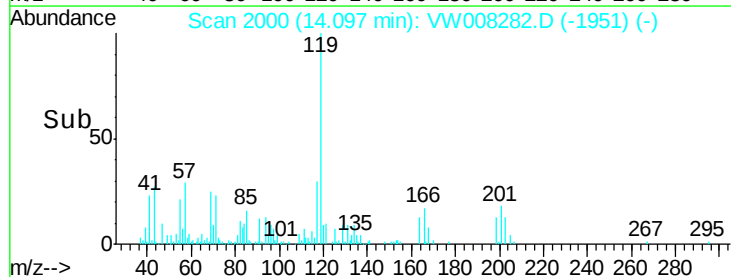
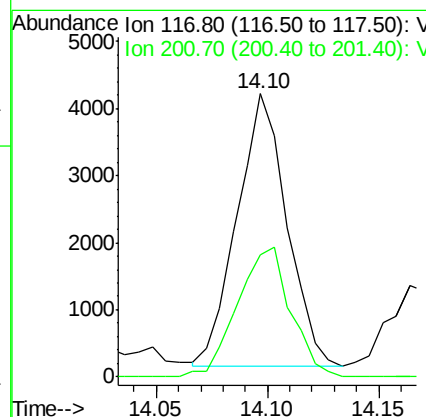
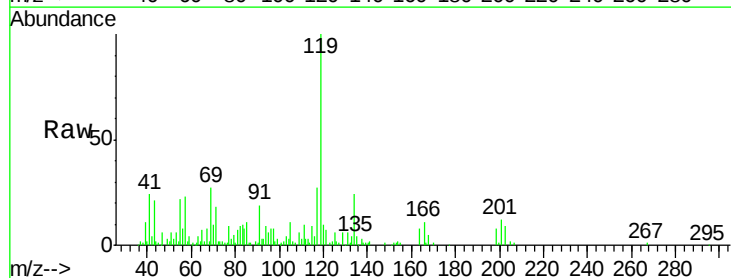
Acq: 15 Jan 2019 14:18

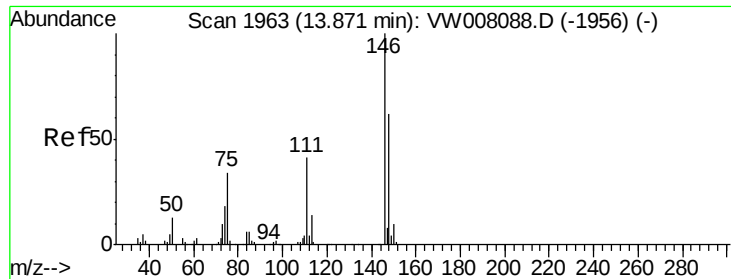
Tgt Ion: 117 Resp: 6318

Ion Ratio Lower Upper

117 100

201 50.8 33.0 98.9

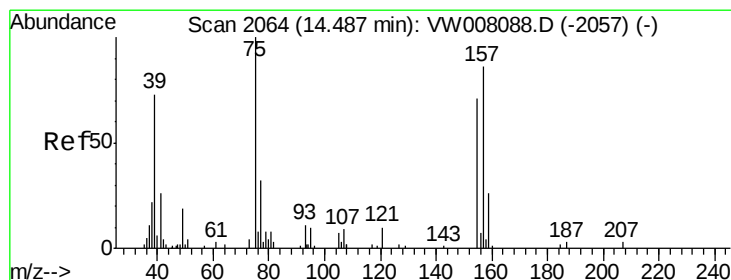
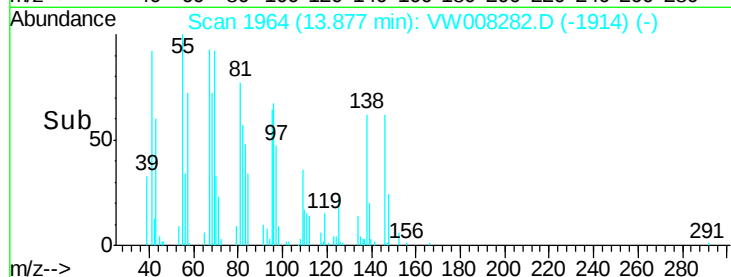
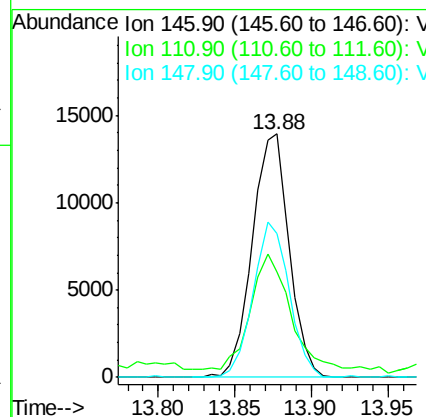
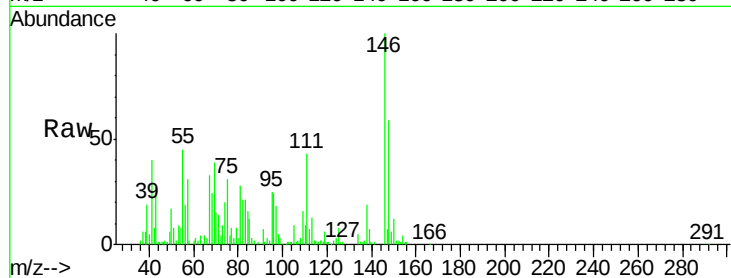




#91
 1,2-Dichlorobenzene
 Concen: 10.542 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.01 min
 Lab File: VW008282.D
 Acq: 15 Jan 2019 14:18

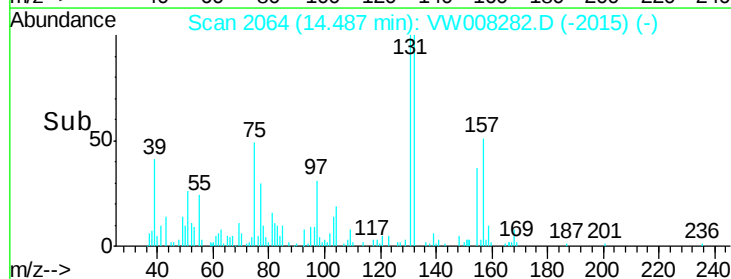
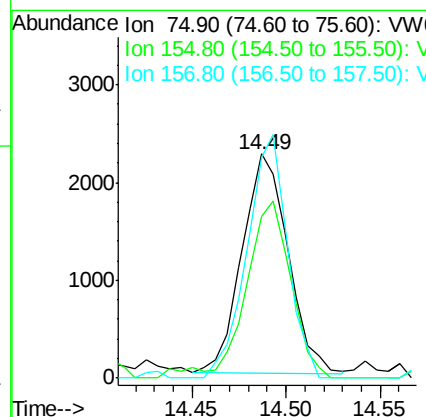
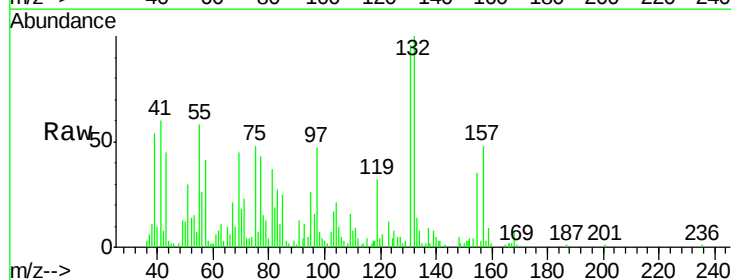
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)MS

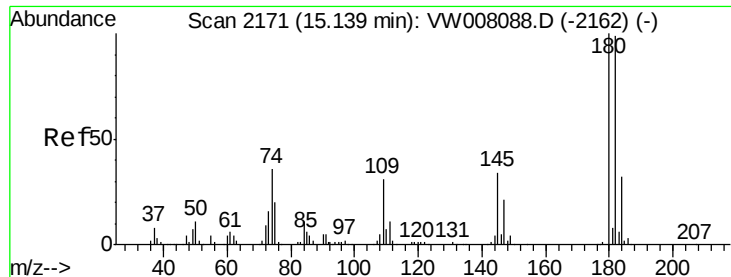
Tot Ion	Ratio	Lower	Upper
146	100		
111	53.7	21.3	63.7
148	62.7	31.5	94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 25.162 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW008282.D
 Acq: 15 Jan 2019 14:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.6	38.6	115.7
157	97.0	47.5	142.6





#93

1,2,4-Trichlorobenzene

Concen: 5.012 ug/l

RT: 15.14 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VW008282.D

Acq: 15 Jan 2019 14:18

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

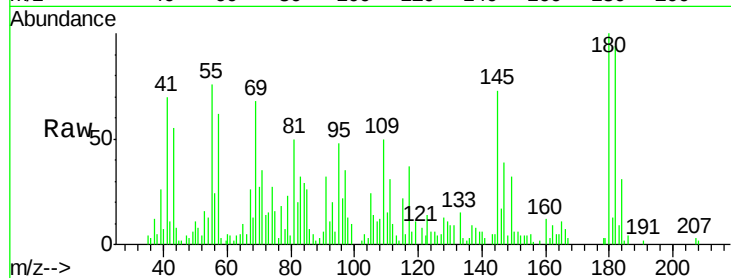
Tot Ion:180 Resp: 7372

Ion Ratio Lower Upper

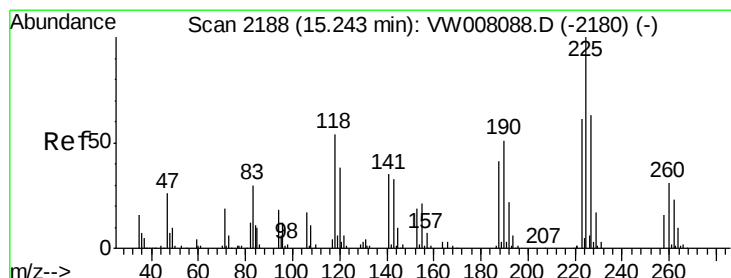
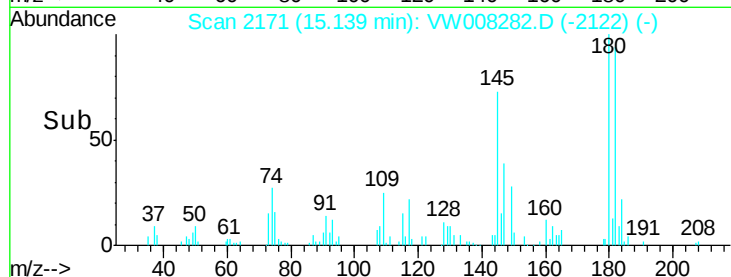
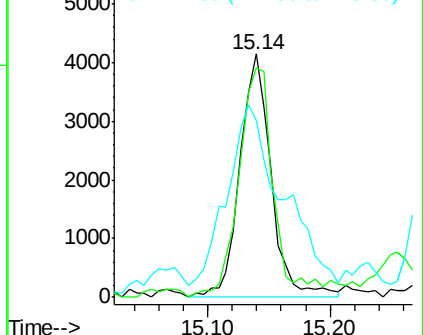
180 100

182 104.8 48.6 145.9

145 146.1 16.6 49.7#



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 2.629 ug/l

RT: 15.24 min Scan# 2188

Delta R.T. 0.00 min

Lab File: VW008282.D

Acq: 15 Jan 2019 14:18

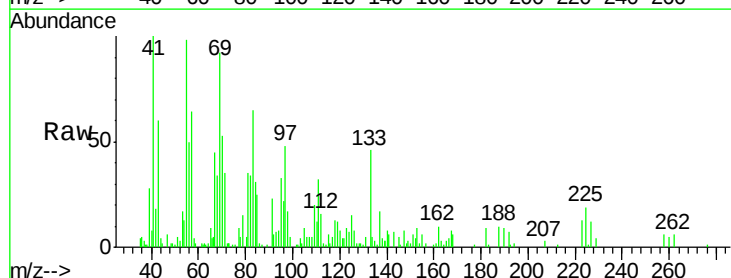
Tgt Ion:225 Resp: 2070

Ion Ratio Lower Upper

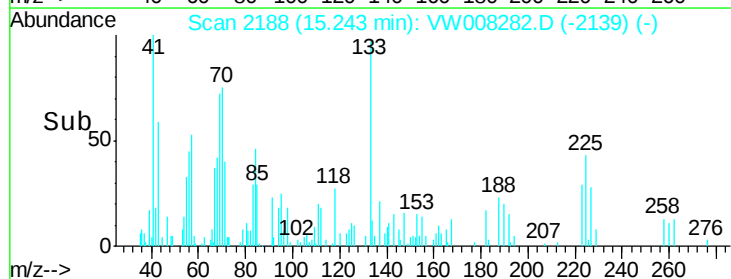
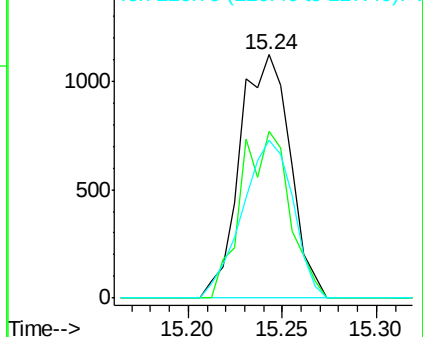
225 100

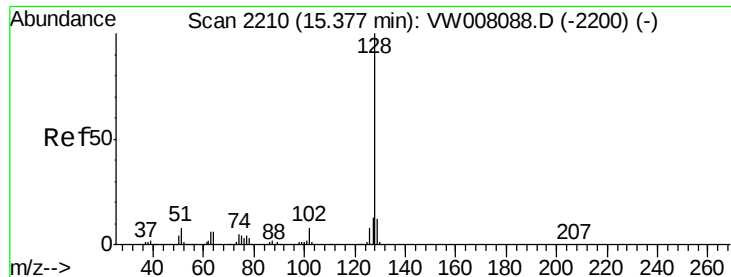
223 66.2 31.4 94.3

227 65.7 32.0 96.2



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 12.462 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW008282.D

Acq: 15 Jan 2019 14:18

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

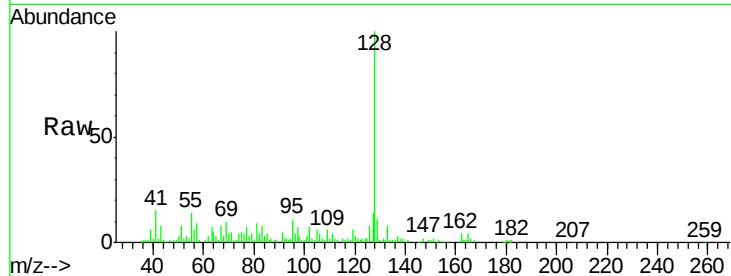
Tot Ion:128 Resp: 34225

Ion Ratio Lower Upper

128 100

127 16.4 11.0 16.4

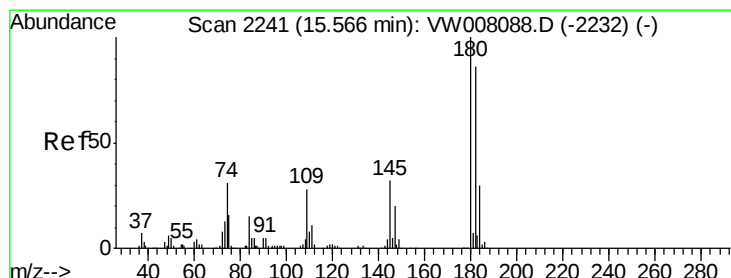
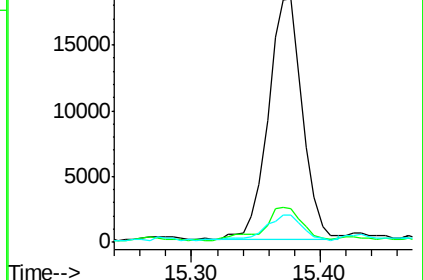
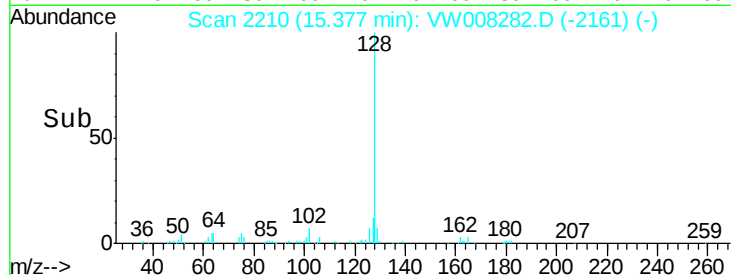
129 12.2 9.0 13.6



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: 4.863 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. 0.00 min

Lab File: VW008282.D

Acq: 15 Jan 2019 14:18

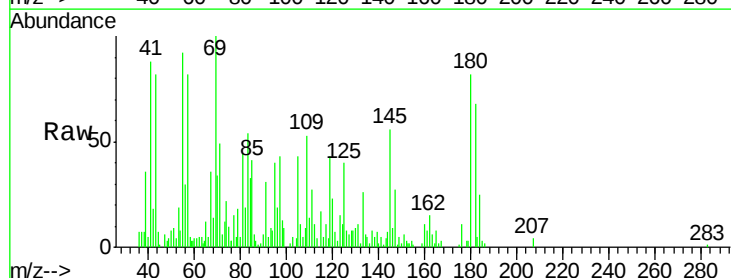
Tgt Ion:180 Resp: 6097

Ion Ratio Lower Upper

180 100

182 91.6 46.5 139.3

145 139.3 17.4 52.2#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

