

Data File : VW008200.D
Acq On : 11 Jan 2019 17:59
Operator : SY/VA
Sample : K1088-08MS
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jan 12 00:12:15 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	28010	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	52318	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	33921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	8571	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	17589	55.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.74%	
35) Dibromofluoromethane	7.88	113	16692	54.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.40%	
50) Toluene-d8	10.32	98	47234	36.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.78%	
62) 4-Bromofluorobenzene	12.62	95	13469	29.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	58.68%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.01	85	12723	55.657	ug/l	94
3) Chloromethane	2.21	50	19602	66.095	ug/l	100
4) Vinyl Chloride	2.36	62	25155	64.988	ug/l	95
5) Bromomethane	2.78	94	15646	53.960	ug/l	98
6) Chloroethane	2.92	64	15716	53.958	ug/l	99
7) Trichlorofluoromethane	3.26	101	25565	81.241	ug/l	91
8) Diethyl Ether	3.68	74	11644	65.454	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.06	101	10650	34.088	ug/l	96
10) Methyl Iodide	4.26	142	28218	61.971	ug/l	99
11) Tert butyl alcohol	5.17	59	7406	400.324	ug/l #	100
12) 1,1-Dichloroethene	4.03	96	16752	54.613	ug/l	93
13) Acrolein	3.89	56	5081	242.386	ug/l	96
14) Allyl chloride	4.67	41	30911	55.504	ug/l	98
15) Acrylonitrile	5.37	53	23342	344.643	ug/l	96
16) Acetone	4.12	43	24148	443.079	ug/l	98
17) Carbon Disulfide	4.37	76	48728	50.853	ug/l #	94
18) Methyl Acetate	4.67	43	16216	81.501	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	41860	83.943	ug/l	97
20) Methylene Chloride	4.92	84	21678	72.062	ug/l	89
21) trans-1,2-Dichloroethene	5.42	96	18783	56.348	ug/l	85
22) Diisopropyl ether	6.31	45	64669	60.886	ug/l	98
23) Vinyl Acetate	6.25	43	160743	288.156	ug/l	99
24) 1,1-Dichloroethane	6.21	63	36425	58.858	ug/l	95
25) 2-Butanone	7.17	43	30703	350.532	ug/l	97
26) 2,2-Dichloropropane	7.17	77	26818	63.955	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	22335	61.412	ug/l	92
28) Bromochloromethane	7.51	49	14871	60.752	ug/l	92
29) Tetrahydrofuran	7.52	42	19723	337.096	ug/l	95
30) Chloroform	7.68	83	34721	58.942	ug/l	97
31) Cyclohexane	7.95	56	12421	18.748	ug/l	92
32) 1,1,1-Trichloroethane	7.87	97	25575	49.897	ug/l	99
36) 1,1-Dichloropropene	8.08	75	20421	37.892	ug/l	96
37) Ethyl Acetate	7.26	43	13230	61.275	ug/l	97
38) Carbon Tetrachloride	8.07	117	17951	36.392	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	15398	22.533	ug/l	94
40) Benzene	8.32	78	77022	52.692	ug/l	96
41) Methacrylonitrile	7.49	41	8696	63.758	ug/l	95
42) 1,2-Dichloroethane	8.40	62	23883	58.093	ug/l	94
43) Isopropyl Acetate	8.42	43	27370	63.402	ug/l	96
44) Trichloroethene	9.09	130	16456	43.978	ug/l	97
45) 1,2-Dichloropropane	9.37	63	19455	53.677	ug/l	100
46) Dibromomethane	9.46	93	11091	62.309	ug/l	95
47) Bromodichloromethane	9.65	83	24058	53.229	ug/l	100
48) Methyl methacrylate	9.43	41	13414	65.853	ug/l	99
49) 1,4-Dioxane	9.44	88	4205	1468.972	ug/l #	90
51) 4-Methyl-2-Pentanone	10.21	43	64533	308.827	ug/l	99
52) Toluene	10.39	92	36299	38.884	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	24243	51.566	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	27365	49.086	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	14867	59.489	ug/l	96
56) Ethyl methacrylate	10.65	69	19137	61.834	ug/l	99
57) 1,3-Dichloropropane	10.93	76	25994	56.873	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	44918	280.969	ug/l	96
59) 2-Hexanone	10.97	43	46578	329.617	ug/l	96
60) Dibromochloromethane	11.13	129	15141	55.173	ug/l	98
61) 1,2-Dibromoethane	11.24	107	12650	53.346	ug/l	100
64) Tetrachloroethene	10.86	164	7647	34.640	ug/l	85
65) Chlorobenzene	11.66	112	34662	48.233	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	14071	60.199	ug/l	94
67) Ethyl Benzene	11.73	91	44491	33.836	ug/l	100
68) m/p-Xylenes	11.84	106	34499	68.738	ug/l	98
69) o-Xylene	12.17	106	18807	40.465	ug/l	99
70) Styrene	12.18	104	31620	43.435	ug/l	96
71) Bromoform	12.35	173	8305	79.390	ug/l #	94
73) Isopropylbenzene	12.47	105	49253	73.195	ug/l	85
74) N-amyl acetate	12.27	43	22048	147.955	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	17785	165.123	ug/l	83
76) 1,2,3-Trichloropropane	12.77	75	18260	233.701	ug/l #	1
77) Bromobenzene	12.75	156	10938	76.929	ug/l	87
78) n-propylbenzene	12.81	91	31799	38.568	ug/l	98
79) 2-Chlorotoluene	12.90	91	23688	51.497	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	20893	37.784	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	3896	116.116	ug/l #	94
82) 4-Chlorotoluene	12.99	91	24507	50.586	ug/l	95
83) tert-Butylbenzene	13.21	119	14536	29.714	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	26850	47.079	ug/l	100
85) sec-Butylbenzene	13.39	105	18691	26.083	ug/l	87
86) p-Isopropyltoluene	13.50	119	75595	122.160	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	12966	44.955	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	12419	42.917	ug/l	93
89) n-Butylbenzene	13.83	91	12618	20.819	ug/l	95
90) Hexachloroethane	14.10	117	3341	31.964	ug/l	75
91) 1,2-Dichlorobenzene	13.87	146	12675	50.004	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2349	135.517	ug/l	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011119\
Quantitation Report (Not Reviewed)

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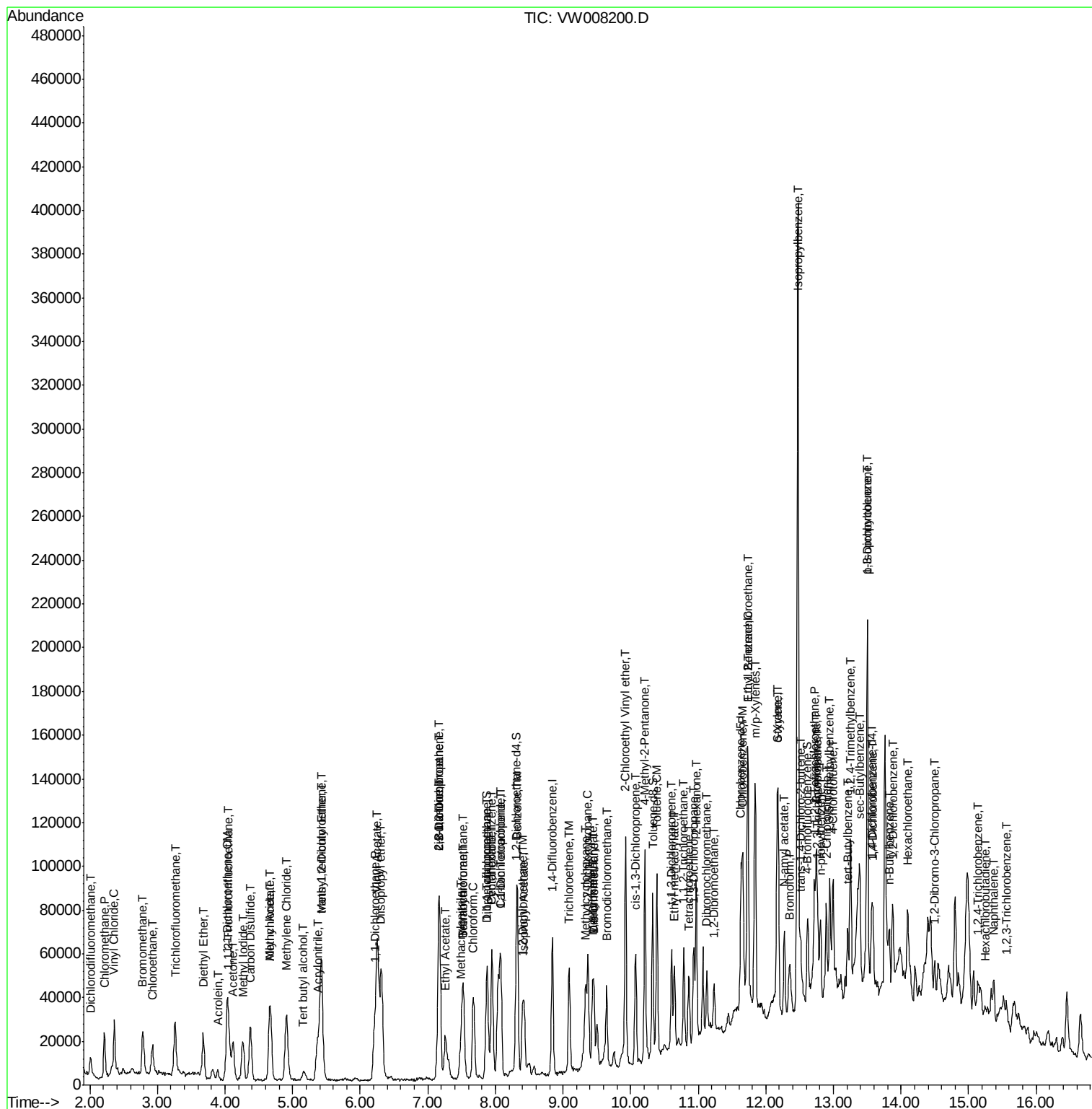
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	3750	22.283	ug/l #	70
94) Hexachlorobutadiene	15.24	225	1089	12.090	ug/l	94
95) Naphthalene	15.37	128	16407	52.213	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.56	180	3393	23.651	ug/l #	79

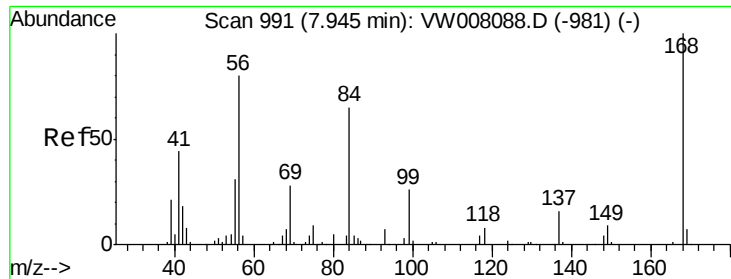
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Instrument :

MSVOA_W

ClientSampleId :

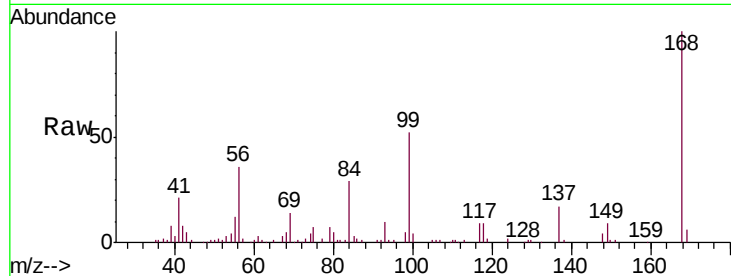
CPSB-07(15-20)MS

Tgt Ion:168 Resp: 28010

Ion Ratio Lower Upper

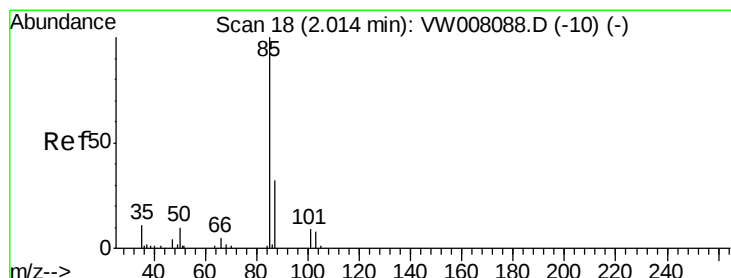
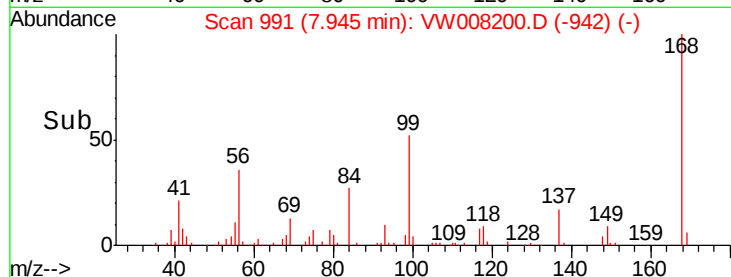
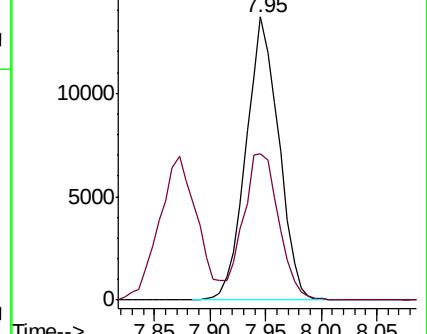
168 100

99 51.7 52.6 78.8#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 55.657 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW008200.D

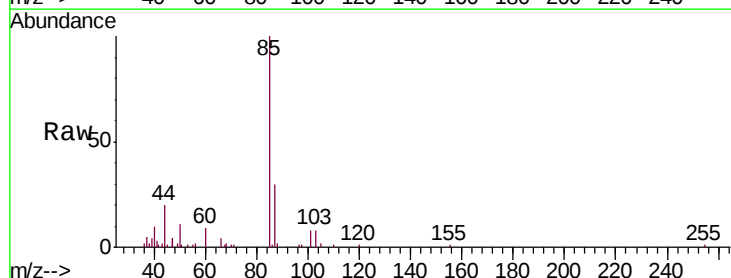
Acq: 11 Jan 2019 17:59

Tgt Ion: 85 Resp: 12723

Ion Ratio Lower Upper

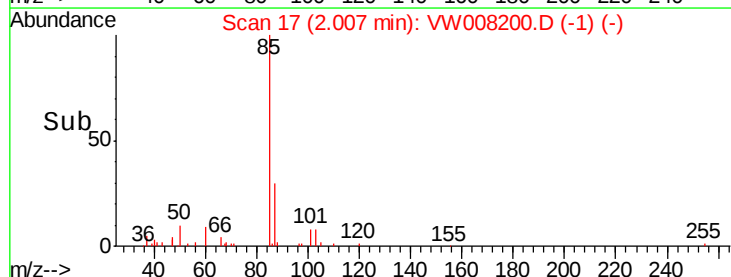
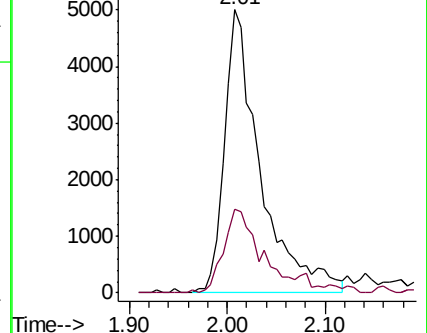
85 100

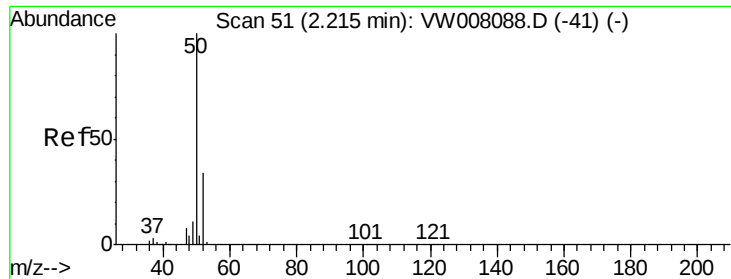
87 28.6 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 66.095 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Instrument :

MSVOA_W

ClientSampleId :

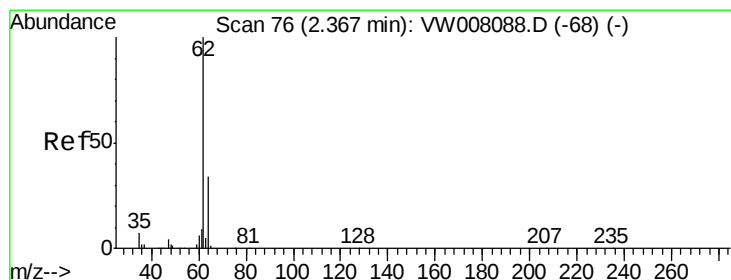
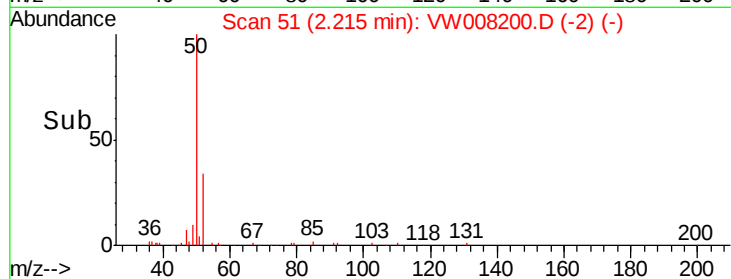
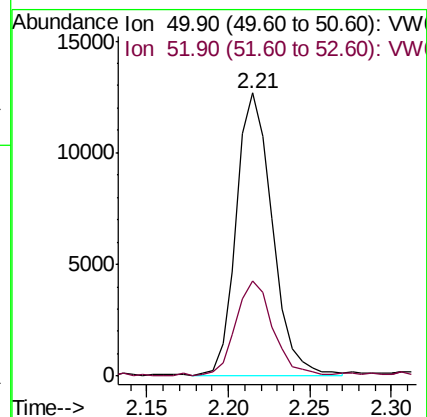
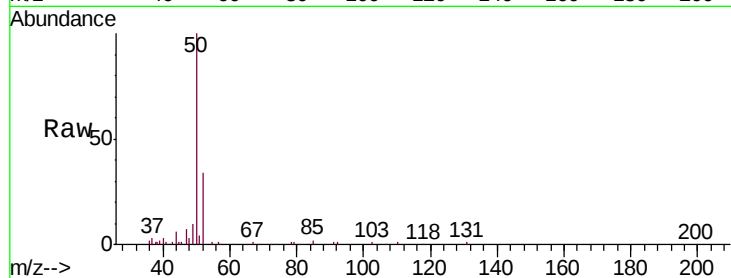
CPSB-07(15-20)MS

Tgt Ion: 50 Resp: 19602

Ion Ratio Lower Upper

50 100

52 33.2 26.8 40.2



#4

Vinyl Chloride

Concen: 64.988 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW008200.D

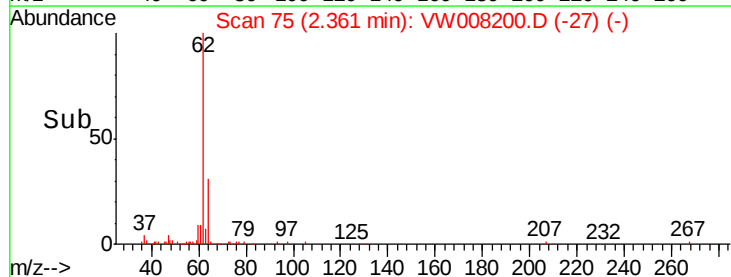
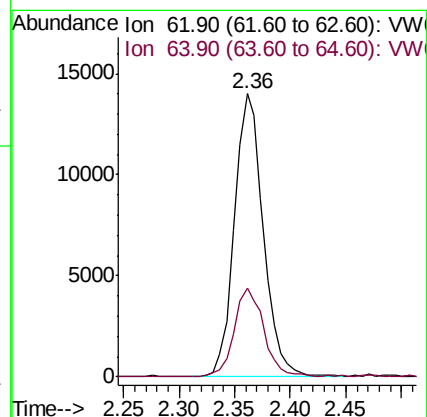
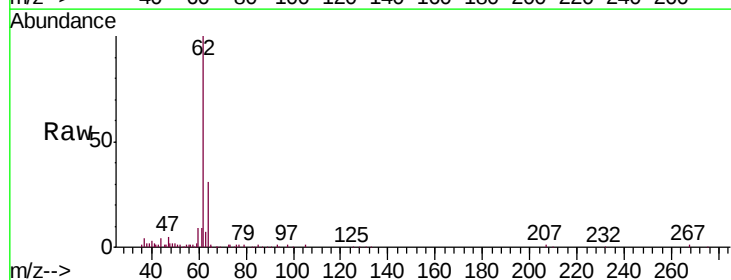
Acq: 11 Jan 2019 17:59

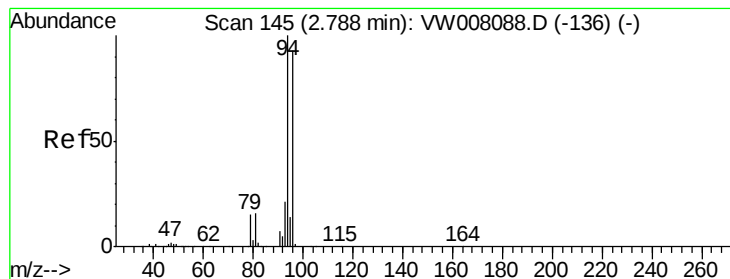
Tgt Ion: 62 Resp: 25155

Ion Ratio Lower Upper

62 100

64 31.2 27.0 40.6





#5

Bromomethane

Concen: 53.960 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Instrument :

MSVOA_W

ClientSampleId :

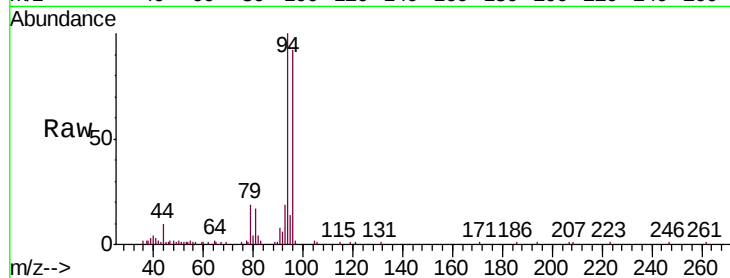
CPSB-07(15-20)MS

Tgt Ion: 94 Resp: 15646

Ion Ratio Lower Upper

94 100

96 91.0 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.78

6000

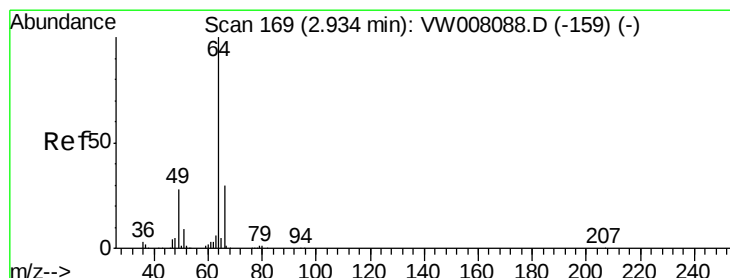
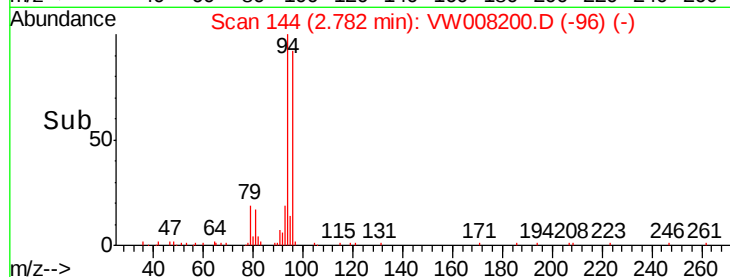
4000

2000

0

2.70 2.80 2.90

Time-->



#6

Chloroethane

Concen: 53.958 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW008200.D

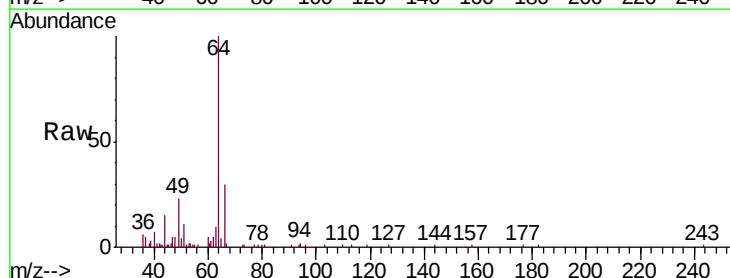
Acq: 11 Jan 2019 17:59

Tgt Ion: 64 Resp: 15716

Ion Ratio Lower Upper

64 100

66 29.8 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.92

6000

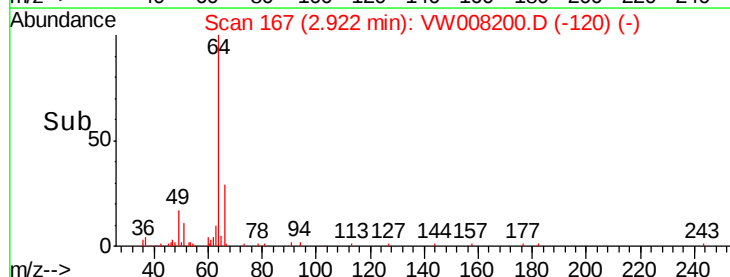
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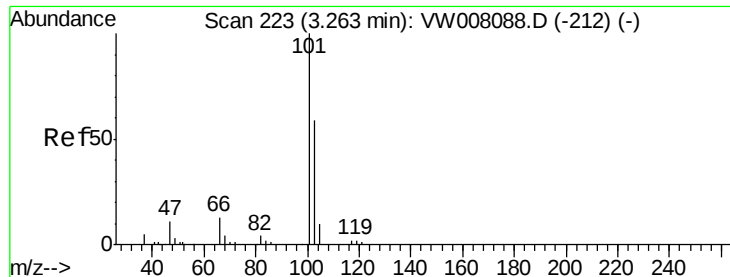
2000

0

2.80 2.90 3.00

Time-->



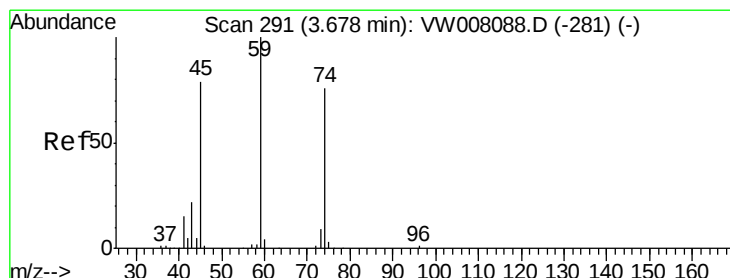
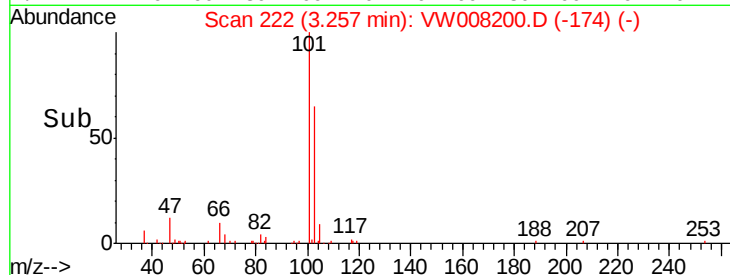
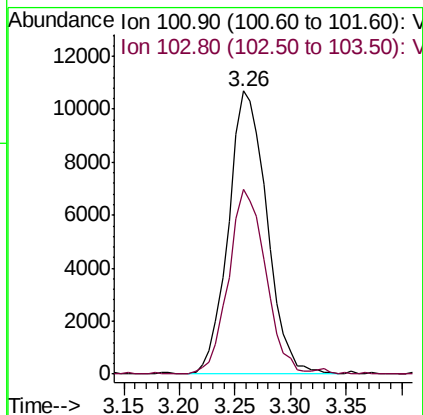
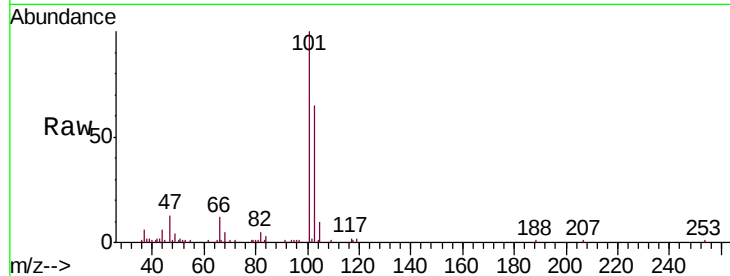


#7

Trichlorofluoromethane
 Concen: 81.241 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
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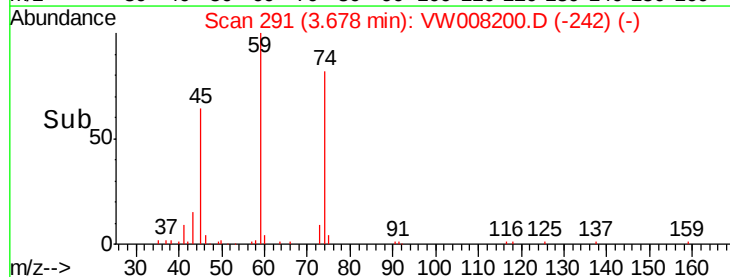
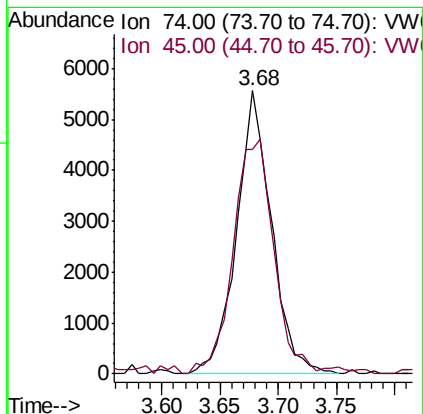
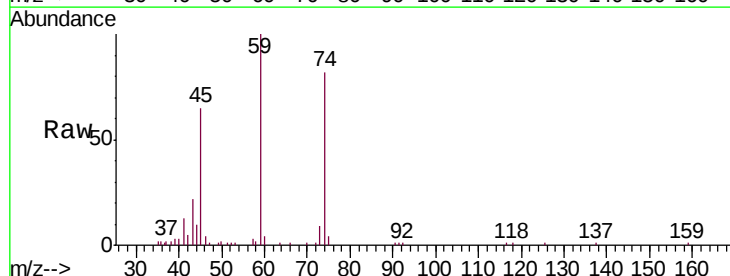
Tgt Ion:101 Resp: 25565
 Ion Ratio Lower Upper
 101 100
 103 65.2 47.0 70.6

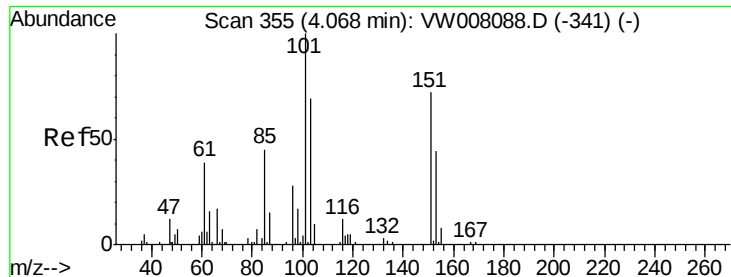


#8

Diethyl Ether
 Concen: 65.454 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW008200.D
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Tgt Ion: 74 Resp: 11644
 Ion Ratio Lower Upper
 74 100
 45 96.4 52.4 157.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 34.088 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW008200.D

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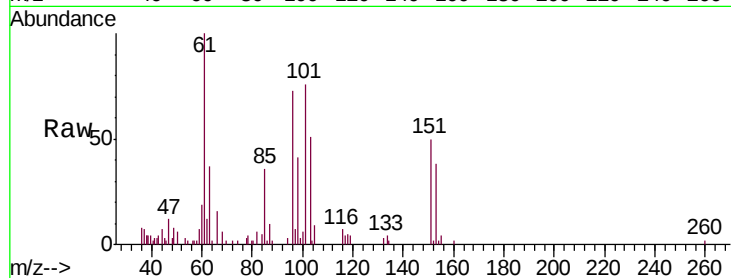
Tgt Ion:101 Resp: 10650

Ion Ratio Lower Upper

101 100

85 45.5 35.9 53.9

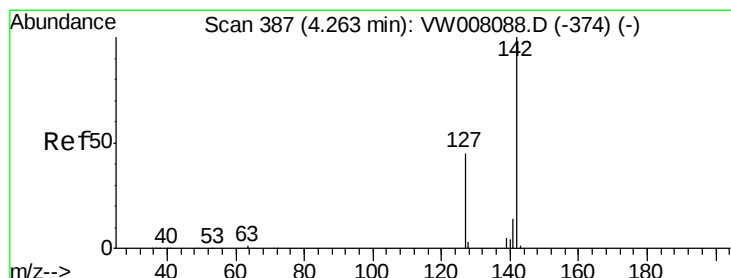
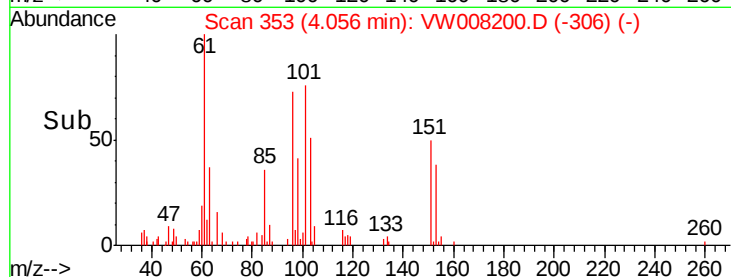
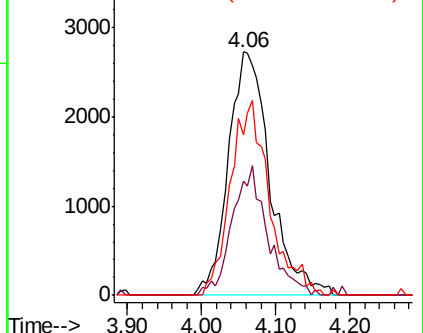
151 74.9 55.8 83.8



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: 61.971 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

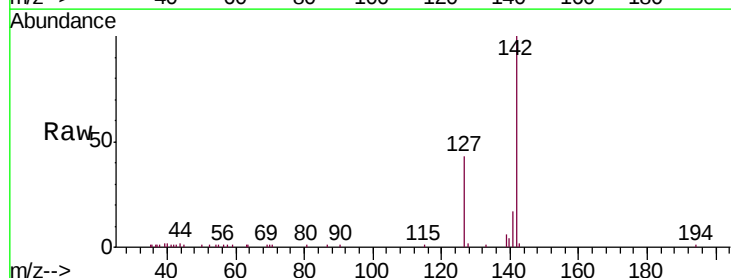
Tgt Ion:142 Resp: 28218

Ion Ratio Lower Upper

142 100

127 43.8 35.0 52.4

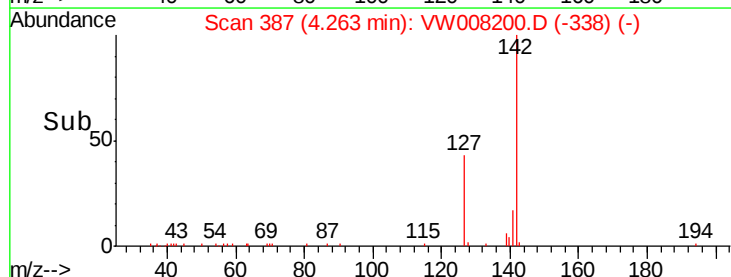
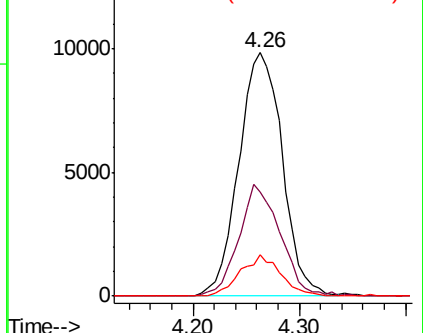
141 15.8 11.8 17.6

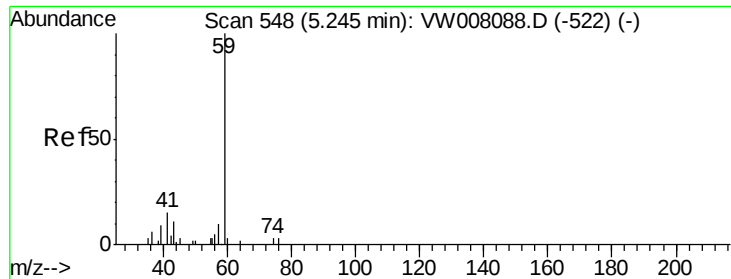


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

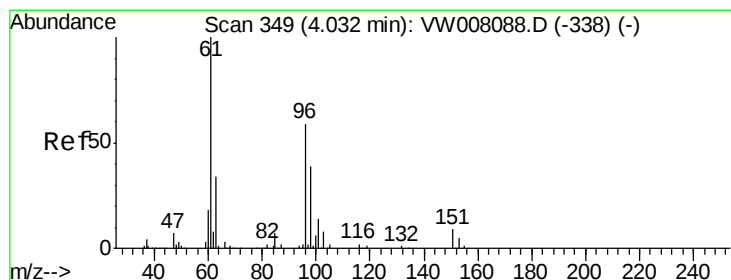
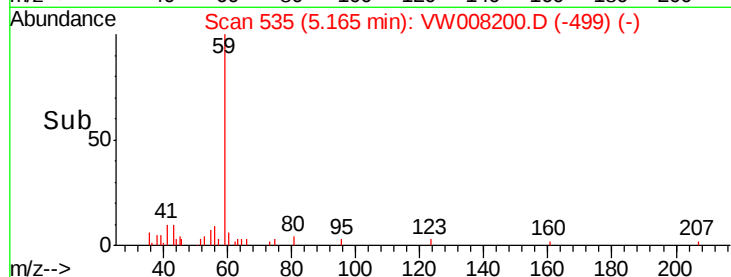
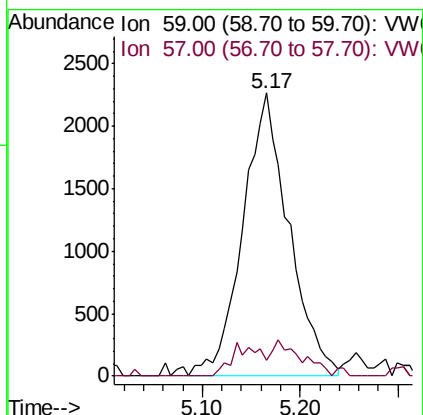
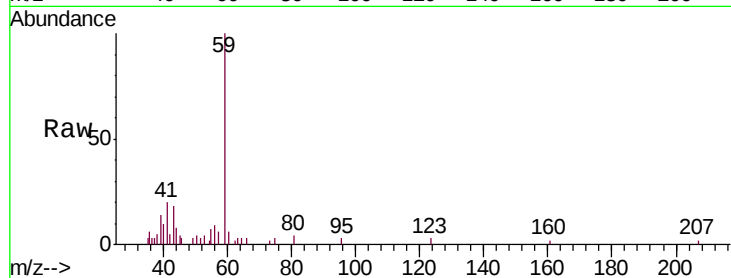




#11
Tert butyl alcohol
Concen: 400.324 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.08 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

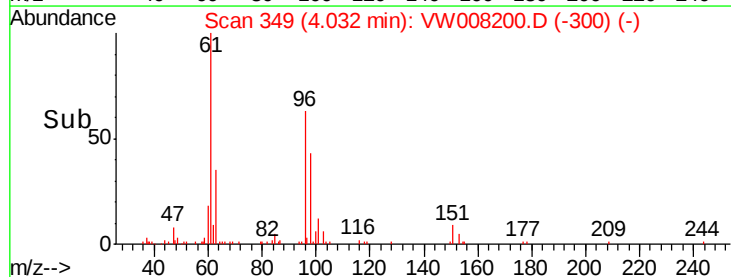
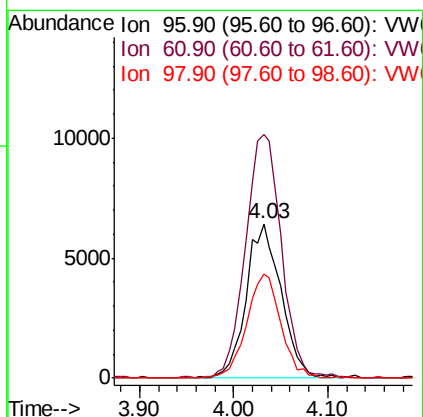
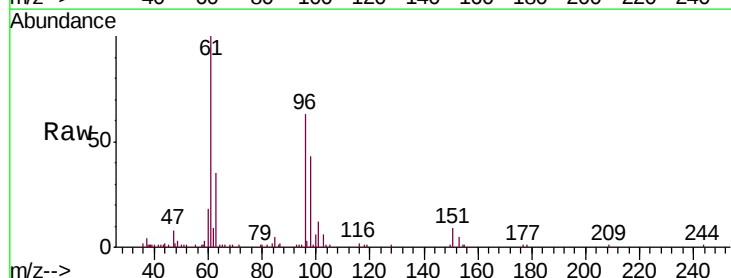
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MS

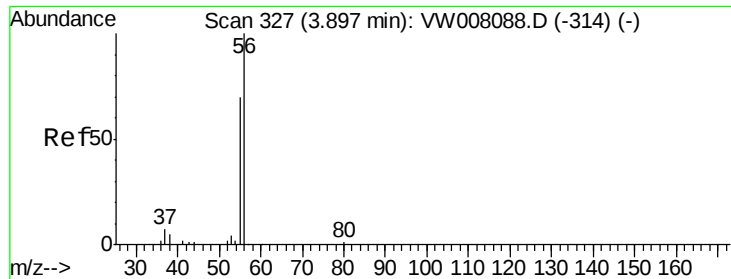
Tgt Ion: 59 Resp: 7406
Ion Ratio Lower Upper
59 100
57 8.2 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 54.613 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

Tgt Ion: 96 Resp: 16752
Ion Ratio Lower Upper
96 100
61 156.6 135.4 203.2
98 67.6 52.5 78.7





#13

Acrolein

Concen: 242.386 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Instrument :

MSVOA_W

ClientSampleId :

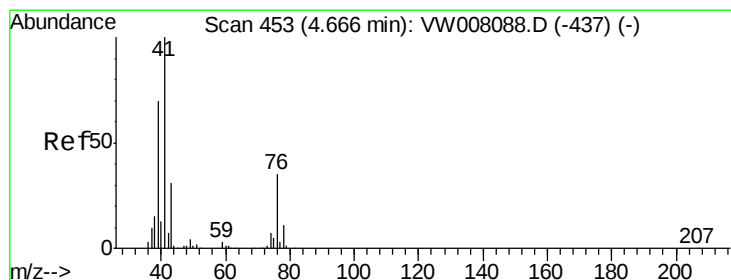
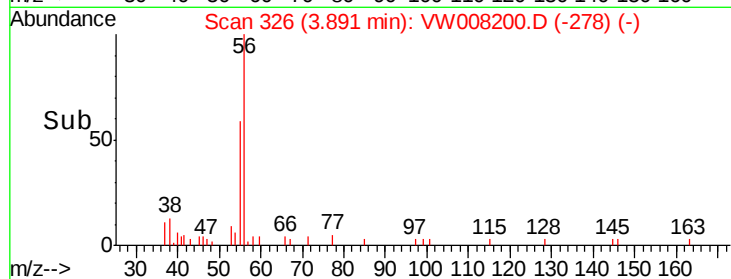
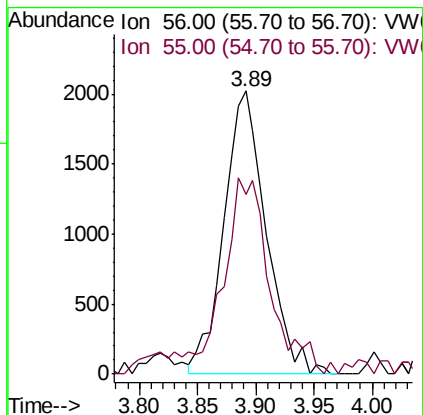
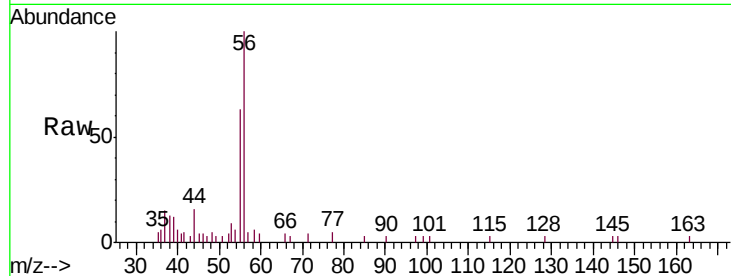
CPSB-07(15-20)MS

Tgt Ion: 56 Resp: 5081

Ion Ratio Lower Upper

56 100

55 73.7 56.6 84.8



#14

Allyl chloride

Concen: 55.504 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

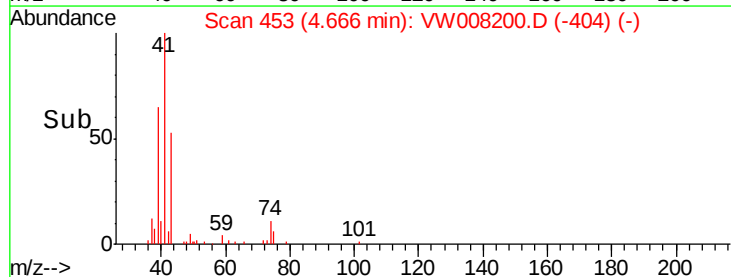
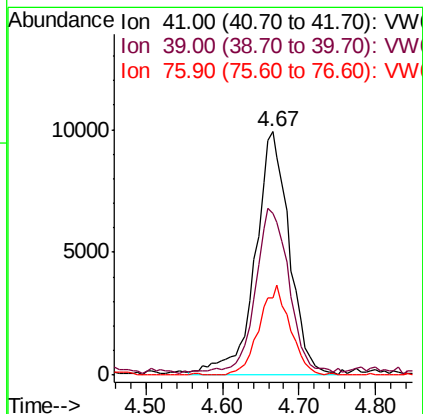
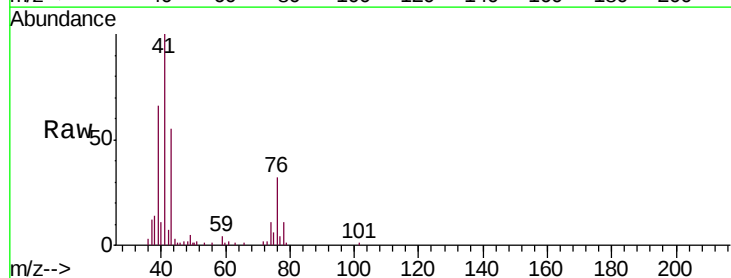
Tgt Ion: 41 Resp: 30911

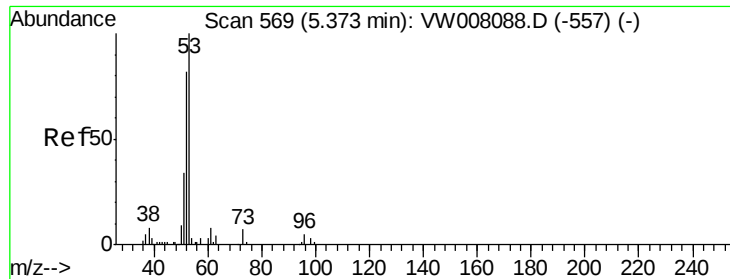
Ion Ratio Lower Upper

41 100

39 66.3 53.8 80.8

76 33.0 27.6 41.4





#15

Acrylonitrile

Concen: 344.643 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

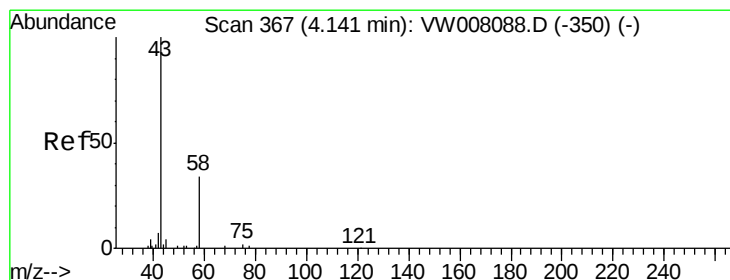
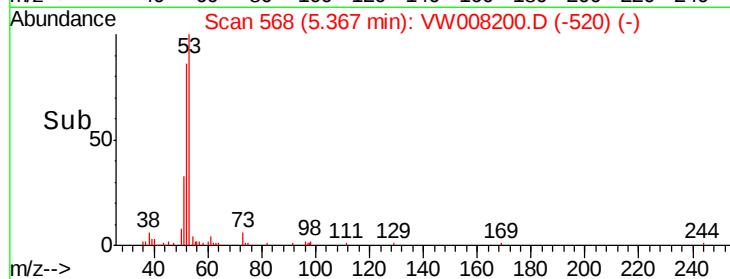
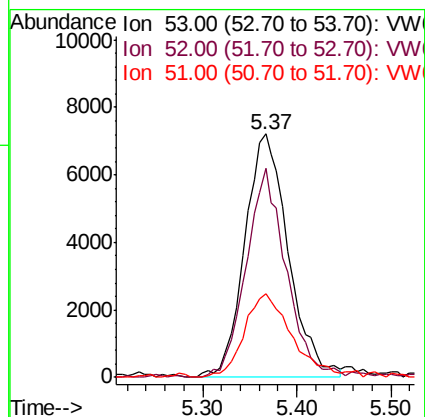
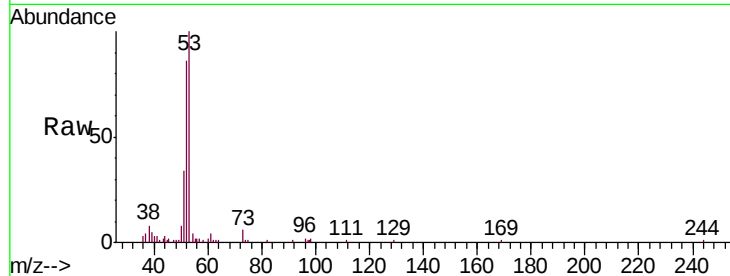
Tgt Ion: 53 Resp: 23342

Ion Ratio Lower Upper

53 100

52 78.7 66.8 100.2

51 37.0 29.7 44.5



#16

Acetone

Concen: 443.079 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW008200.D

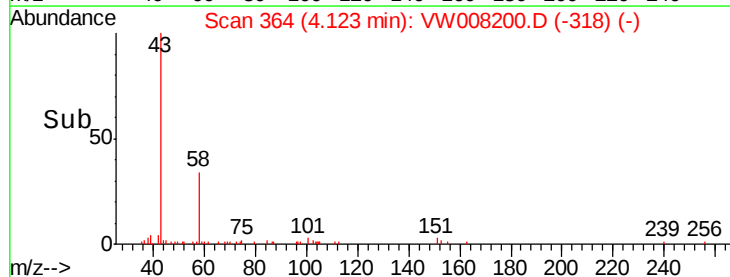
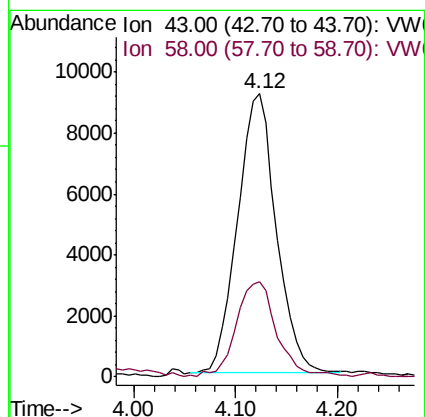
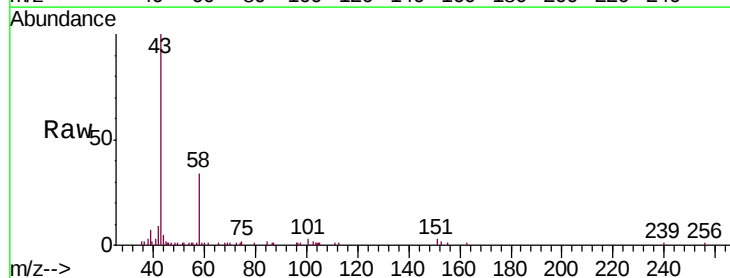
Acq: 11 Jan 2019 17:59

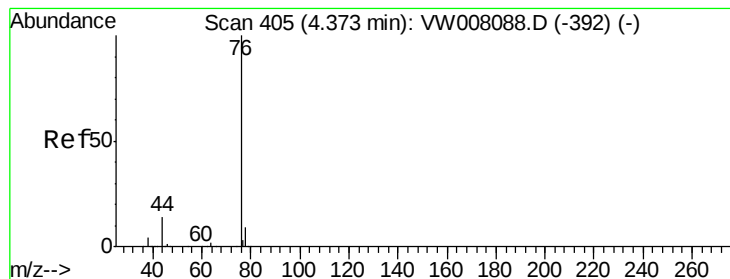
Tgt Ion: 43 Resp: 24148

Ion Ratio Lower Upper

43 100

58 33.5 27.5 41.3





#17

Carbon Disulfide

Concen: 50.853 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Instrument :

MSVOA_W

ClientSampleId :

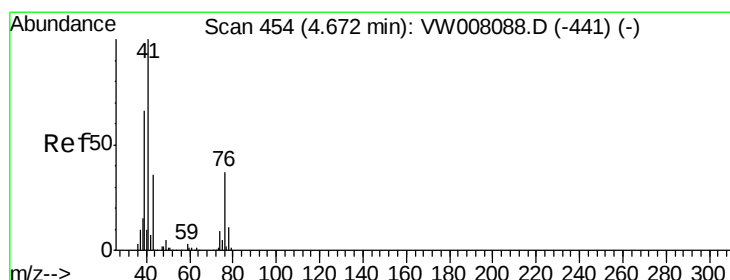
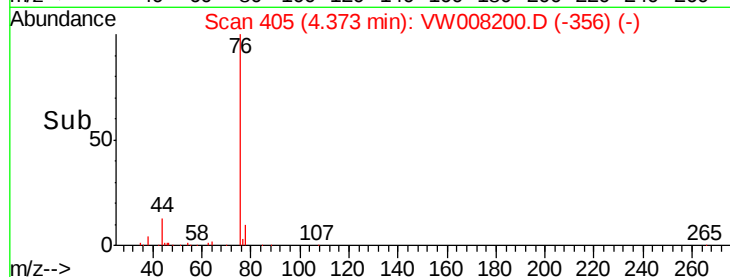
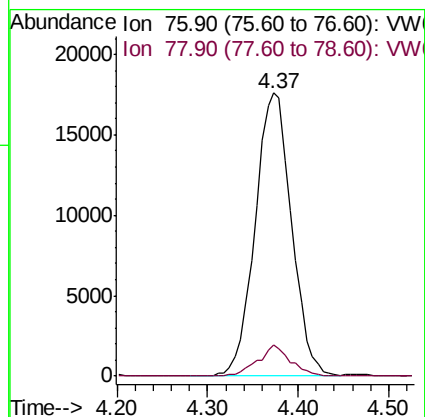
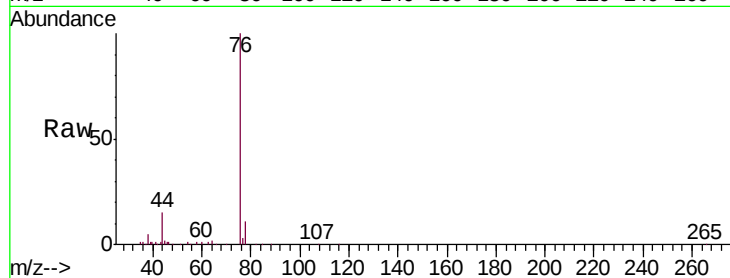
CPSB-07(15-20)MS

Tgt Ion: 76 Resp: 48728

Ion Ratio Lower Upper

76 100

78 11.0 7.0 10.6#



#18

Methyl Acetate

Concen: 81.501 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW008200.D

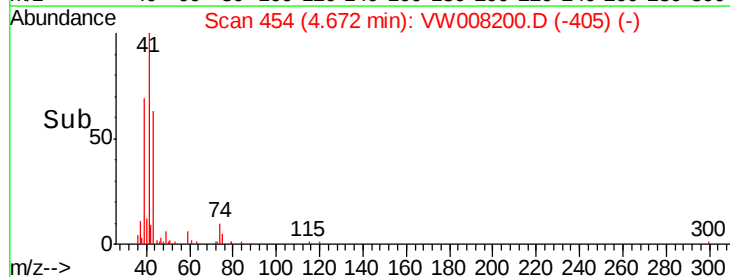
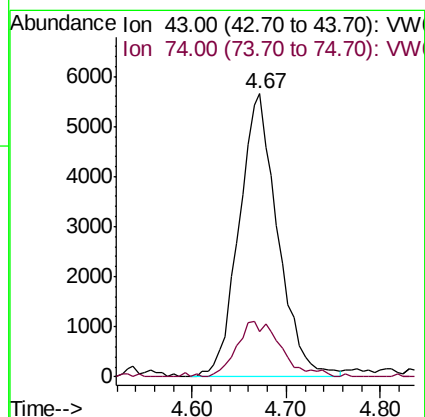
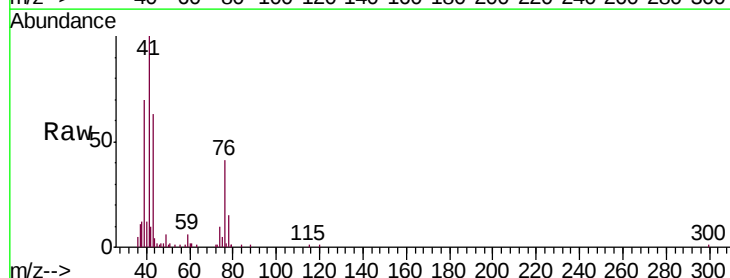
Acq: 11 Jan 2019 17:59

Tgt Ion: 43 Resp: 16216

Ion Ratio Lower Upper

43 100

74 22.5 19.0 28.4

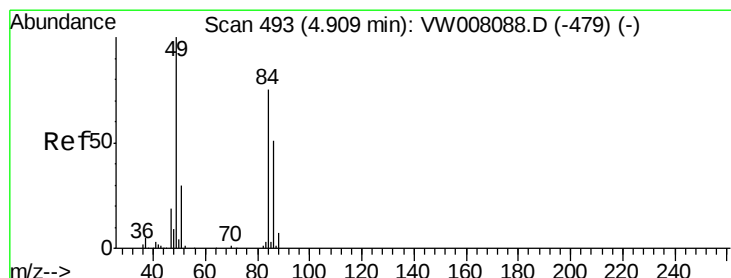
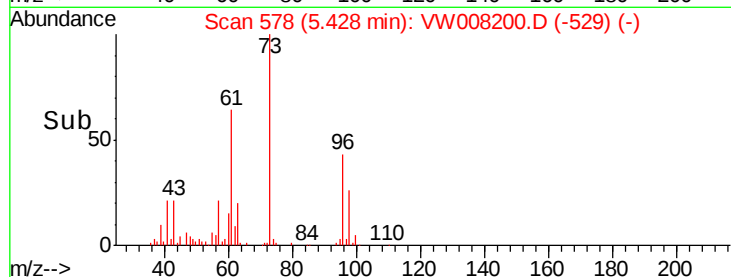
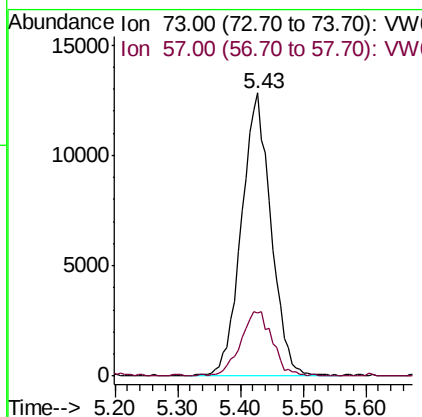
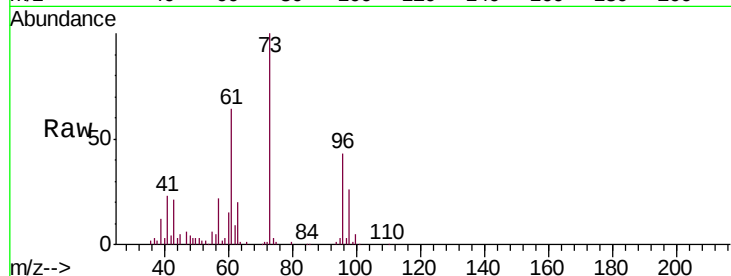




#19
Methyl tert-butyl Ether
Concen: 83.943 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

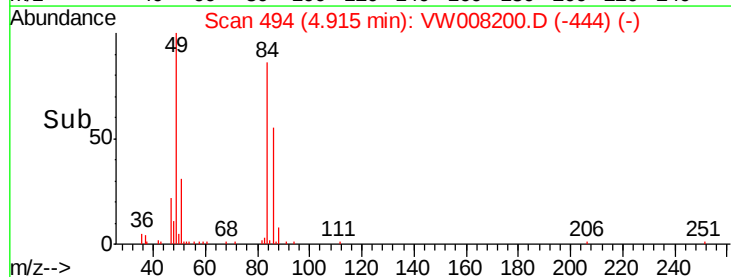
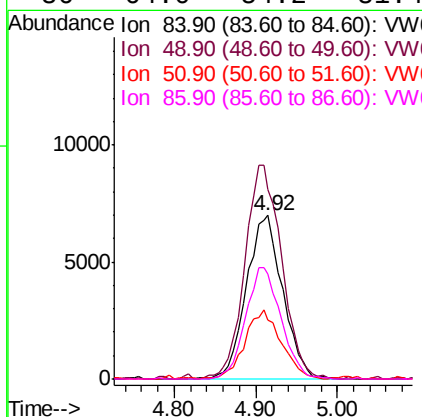
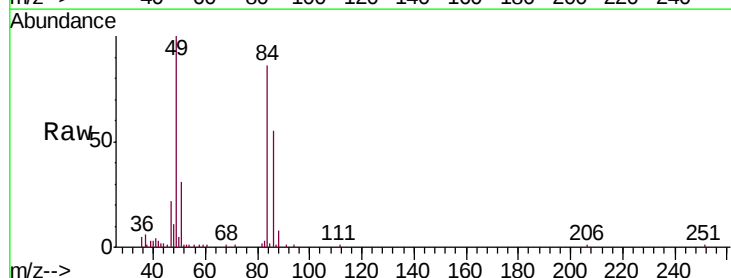
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MS

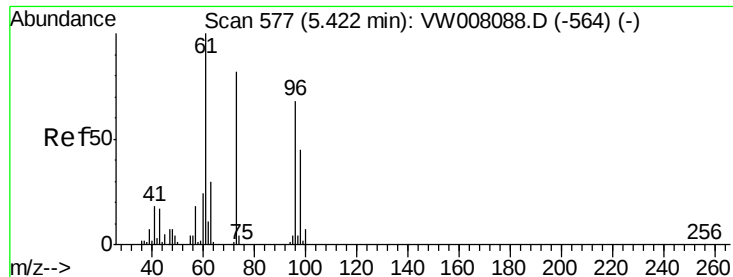
Tgt Ion: 73 Resp: 41860
Ion Ratio Lower Upper
73 100
57 22.1 16.7 25.1



#20
Methylene Chloride
Concen: 72.062 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

Tgt Ion: 84 Resp: 21678
Ion Ratio Lower Upper
84 100
49 115.9 107.1 160.7
51 35.7 32.4 48.6
86 64.0 54.2 81.4





#21

trans-1,2-Dichloroethene

Concen: 56.348 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

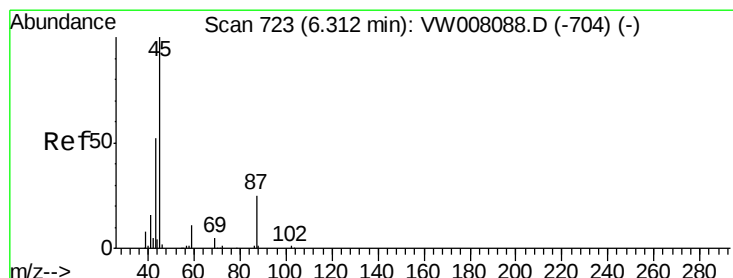
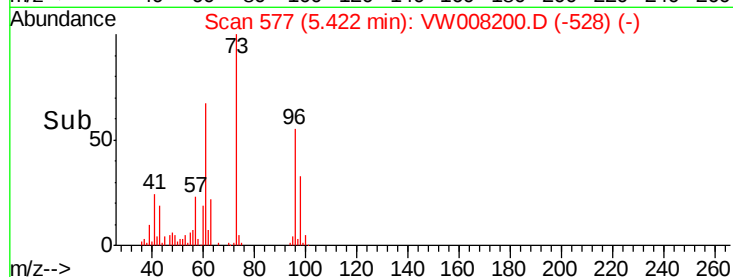
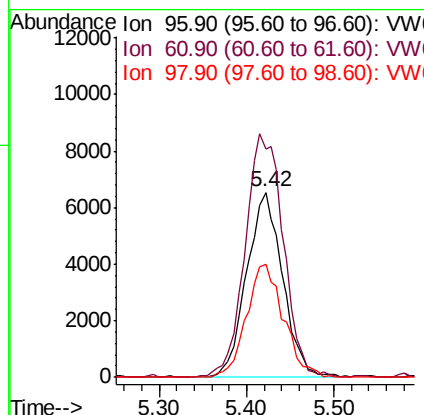
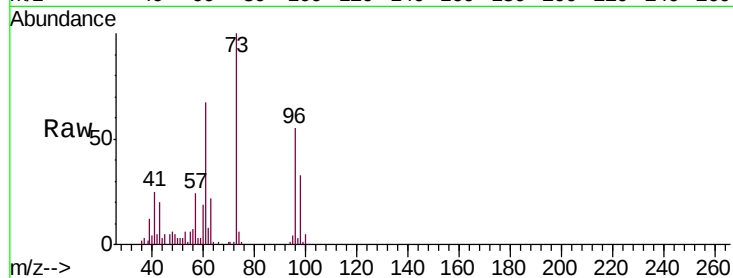
Tgt Ion: 96 Resp: 18783

Ion Ratio Lower Upper

96 100

61 123.2 117.4 176.0

98 60.9 52.2 78.4



#22

Diisopropyl ether

Concen: 60.886 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Tgt Ion: 45 Resp: 64669

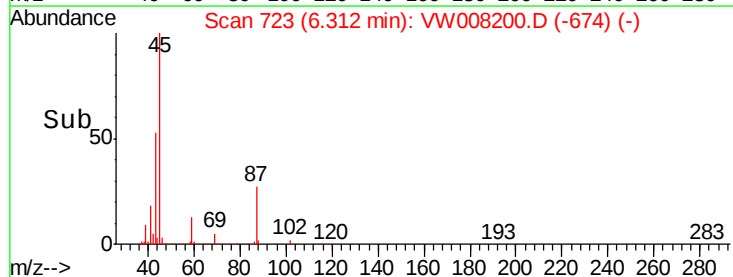
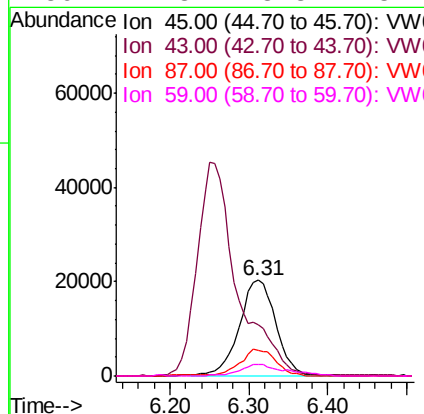
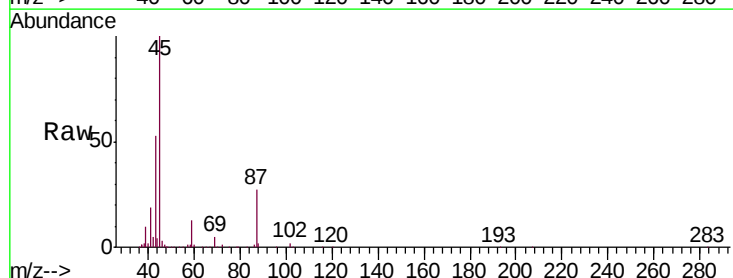
Ion Ratio Lower Upper

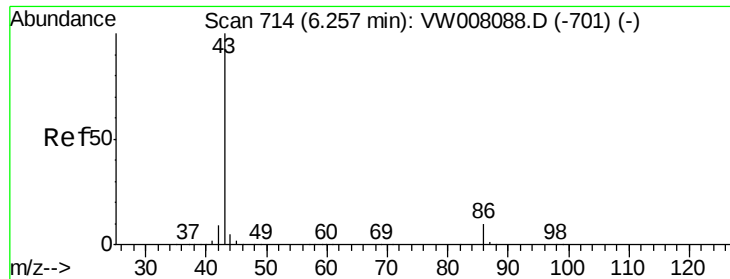
45 100

43 52.6 41.7 62.5

87 27.0 20.1 30.1

59 12.3 8.8 13.2





#23

Vinyl Acetate

Concen: 288.156 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Instrument :

MSVOA_W

ClientSampleId :

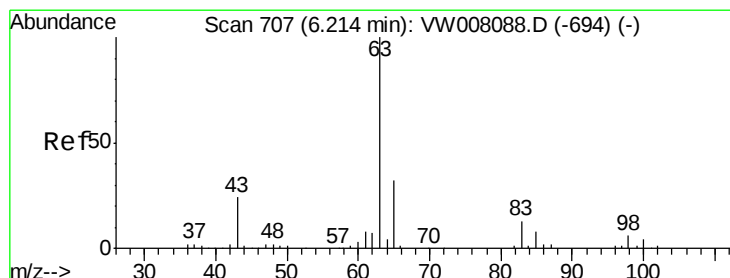
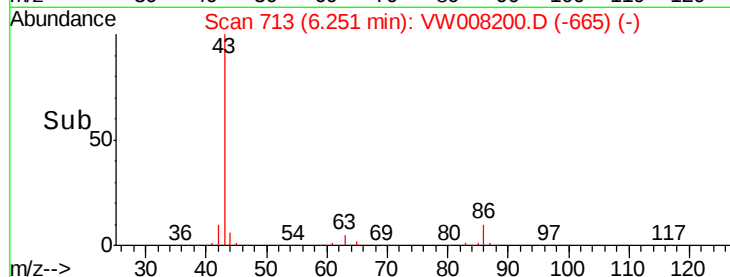
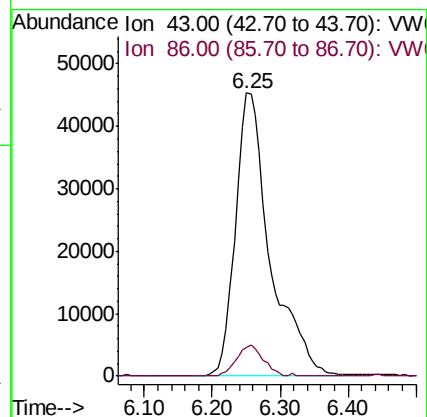
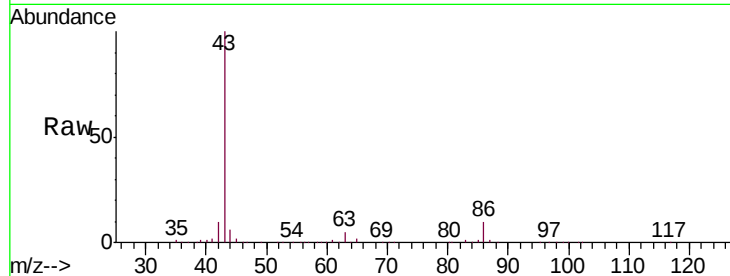
CPSB-07(15-20)MS

Tgt Ion: 43 Resp: 160743

Ion Ratio Lower Upper

43 100

86 10.1 7.7 11.5



#24

1,1-Dichloroethane

Concen: 58.858 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

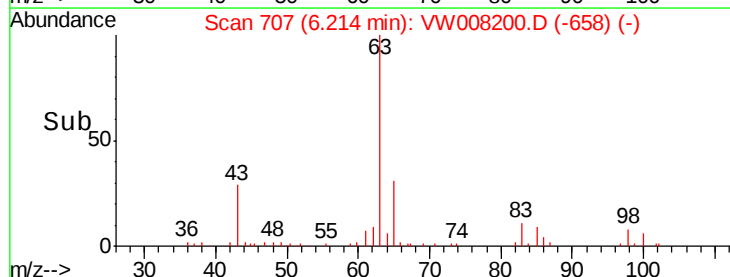
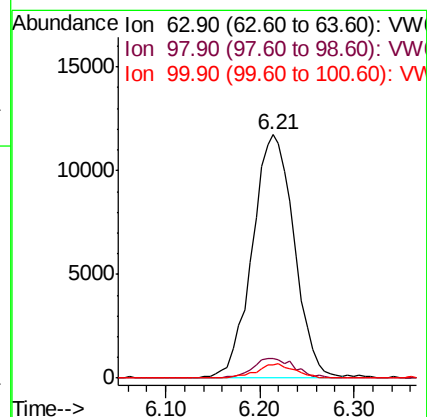
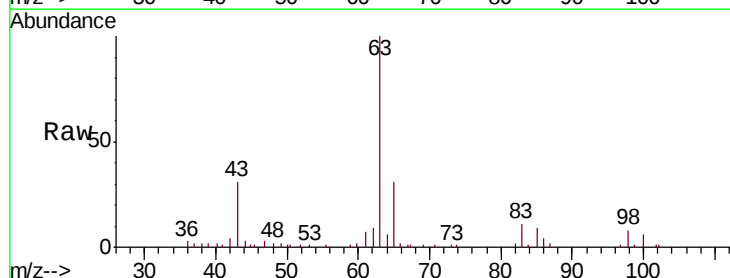
Tgt Ion: 63 Resp: 36425

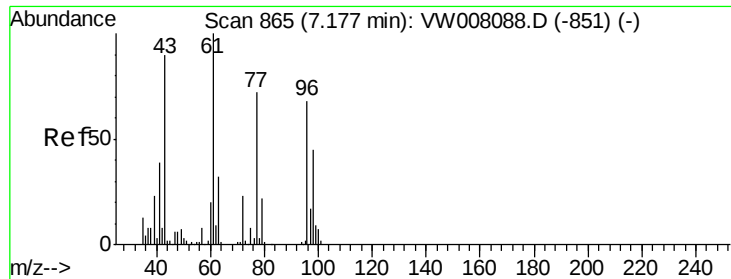
Ion Ratio Lower Upper

63 100

98 7.9 3.2 9.6

100 5.6 2.0 6.0





#25

2-Butanone

Concen: 350.532 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Instrument :

MSVOA_W

ClientSampleId :

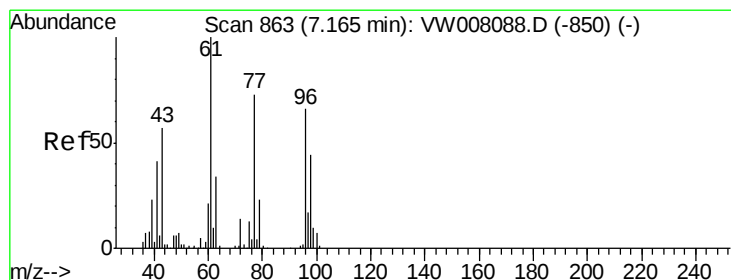
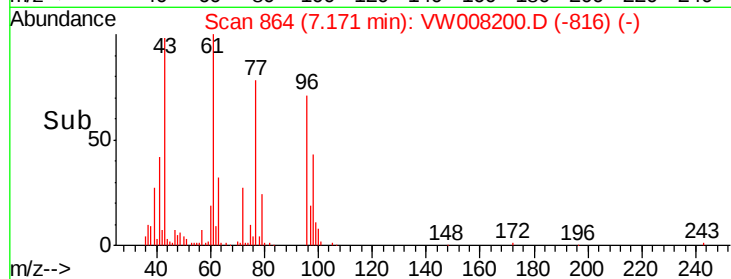
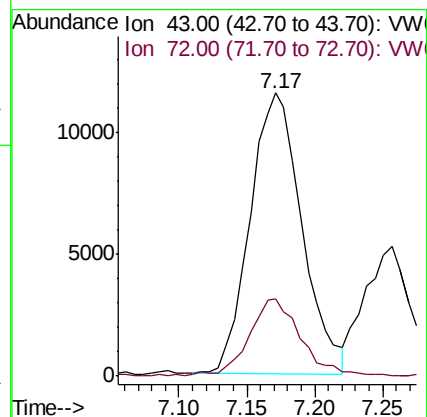
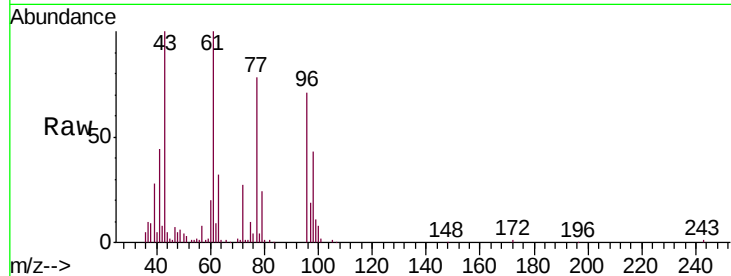
CPSB-07(15-20)MS

Tgt Ion: 43 Resp: 30703

Ion Ratio Lower Upper

43 100

72 27.0 20.5 30.7



#26

2,2-Dichloropropane

Concen: 63.955 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW008200.D

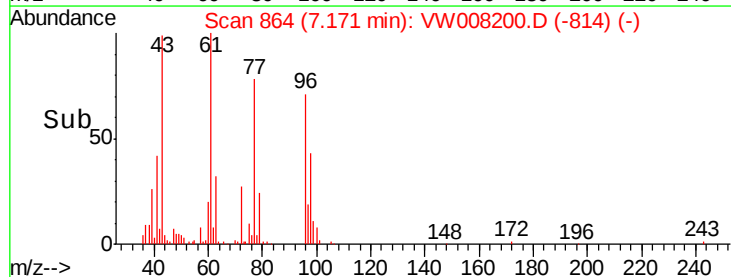
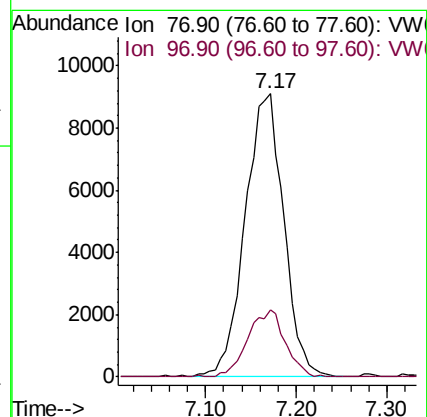
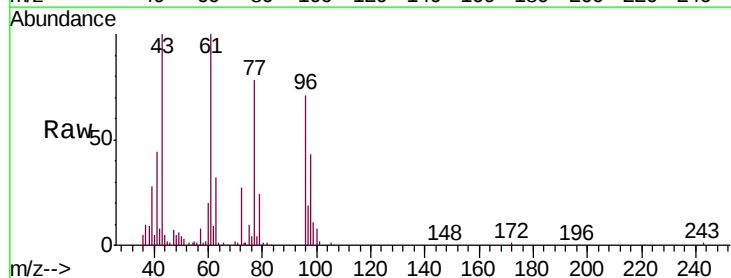
Acq: 11 Jan 2019 17:59

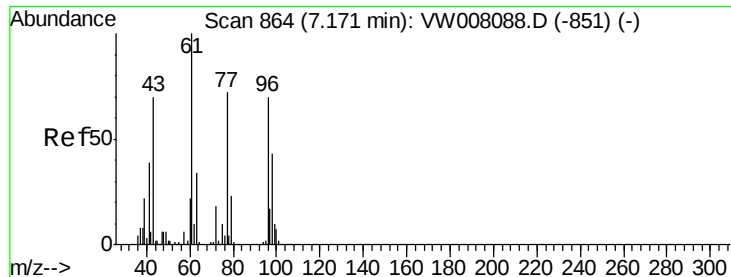
Tgt Ion: 77 Resp: 26818

Ion Ratio Lower Upper

77 100

97 23.0 11.4 34.1



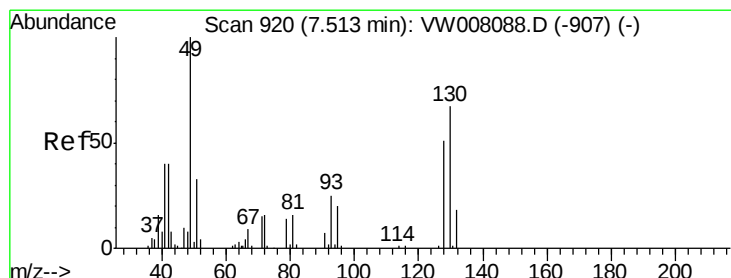
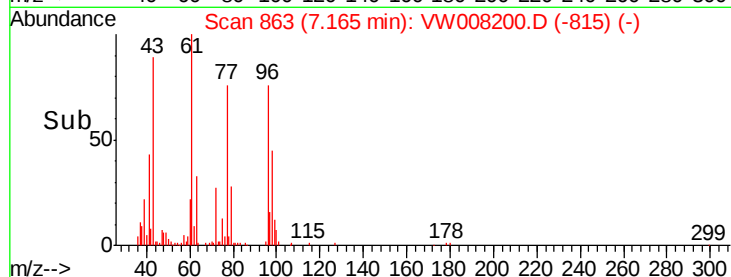
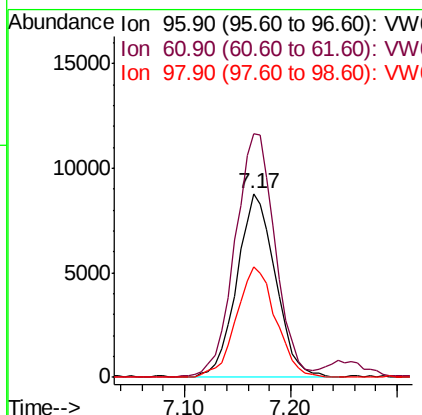
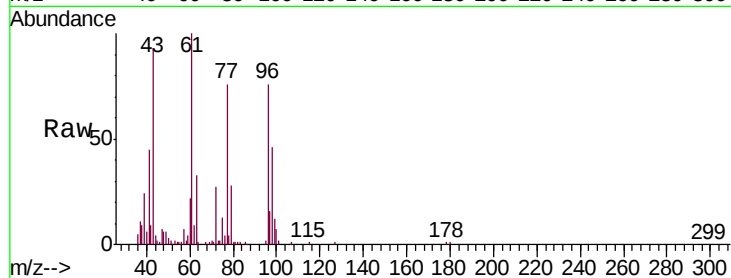


#27

cis-1,2-Dichloroethene
Concen: 61.412 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

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

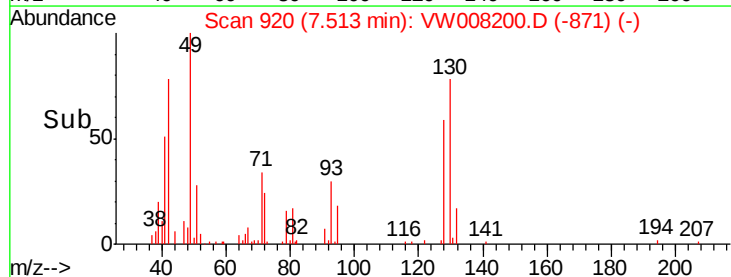
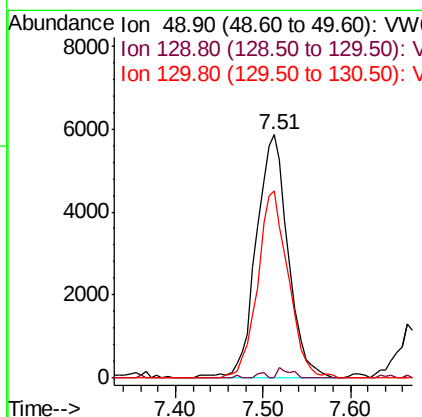
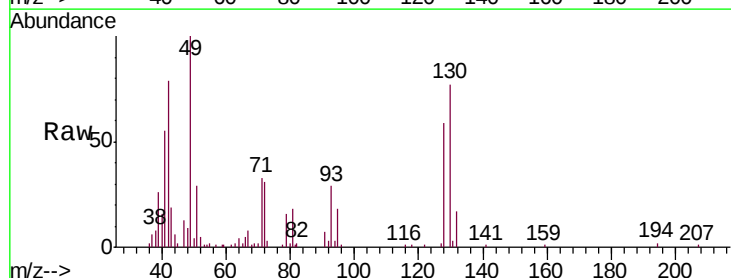
Tgt Ion: 96 Resp: 22335
Ion Ratio Lower Upper
96 100
61 138.1 0.0 300.4
98 61.5 0.0 128.4

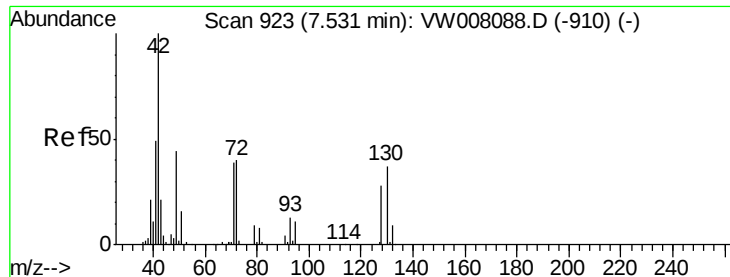


#28

Bromochloromethane
Concen: 60.752 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

Tgt Ion: 49 Resp: 14871
Ion Ratio Lower Upper
49 100
129 1.7 0.0 2.8
130 74.2 54.3 81.5

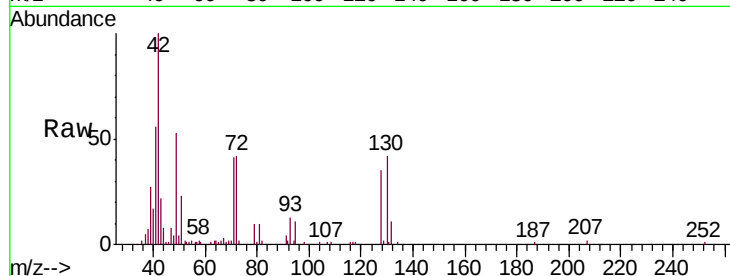




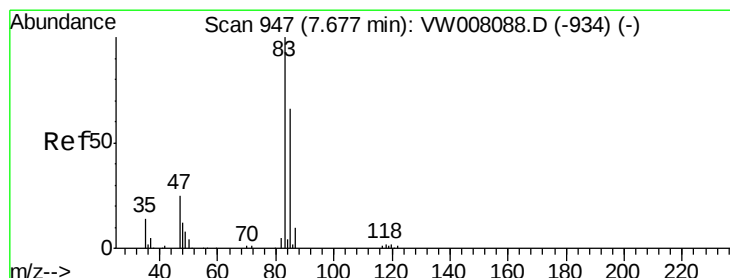
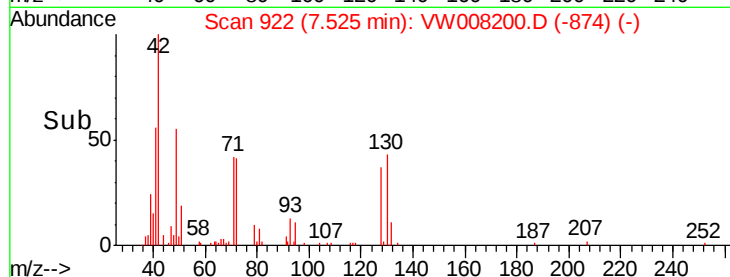
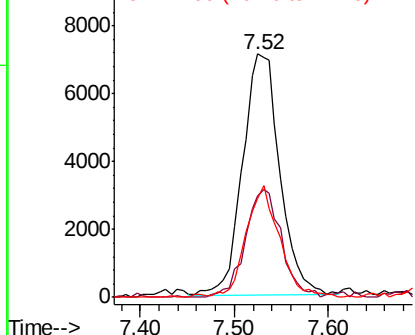
#29
Tetrahydrofuran
Concen: 337.096 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

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

Tgt Ion: 42 Resp: 19723
Ion Ratio Lower Upper
42 100
72 43.1 32.4 48.6
71 42.4 31.3 46.9

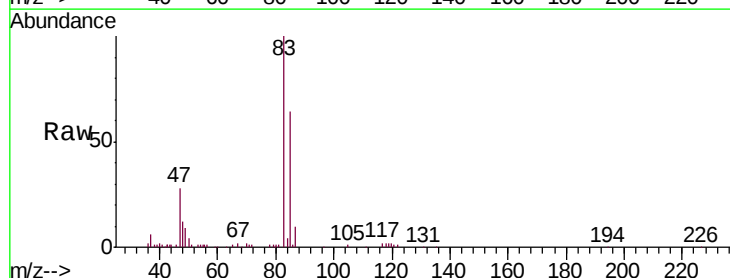


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

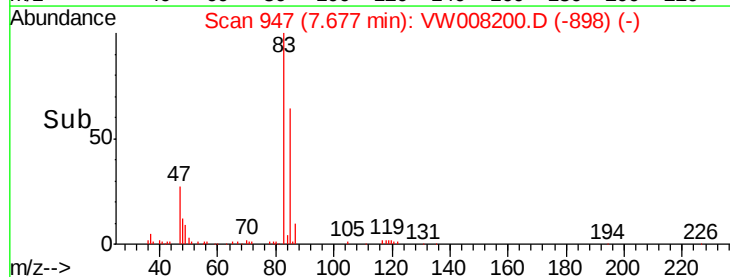
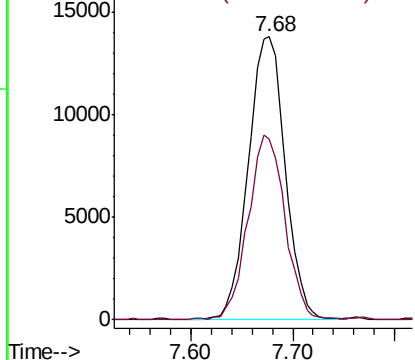


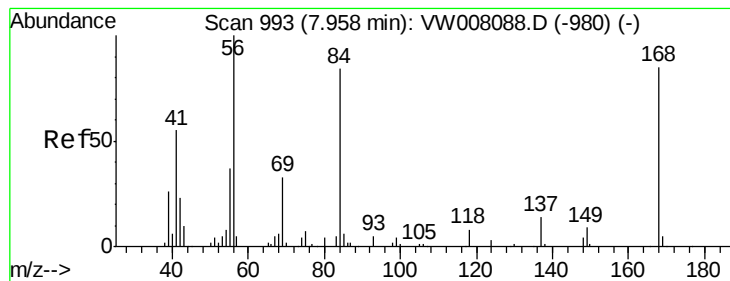
#30
Chloroform
Concen: 58.942 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

Tgt Ion: 83 Resp: 34721
Ion Ratio Lower Upper
83 100
85 63.8 53.2 79.8



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 18.748 ug/l

RT: 7.95 min Scan# 991

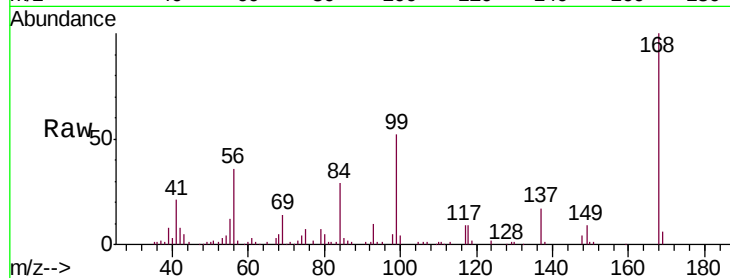
Delta R.T. -0.01 min

Lab File: VW008200.D

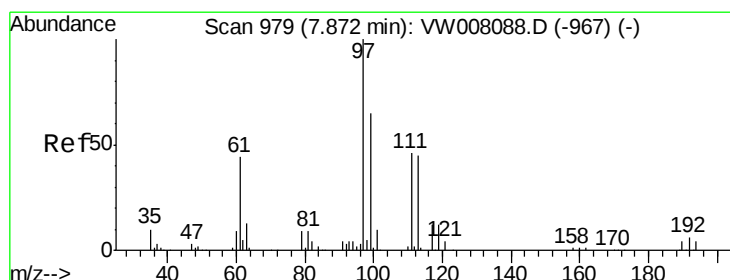
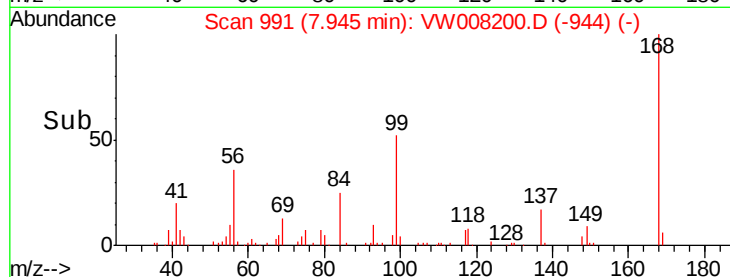
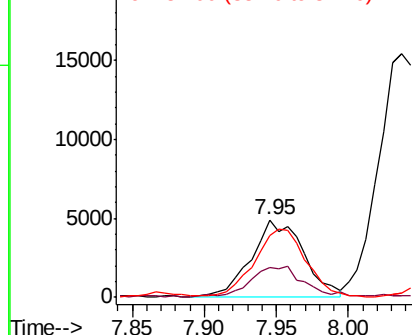
Acq: 11 Jan 2019 17:59

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

Tgt Ion:	56	Resp:	12421
Ion	Ratio	Lower	Upper
56	100		
69	37.9	26.2	39.4
84	77.0	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: 49.897 ug/l

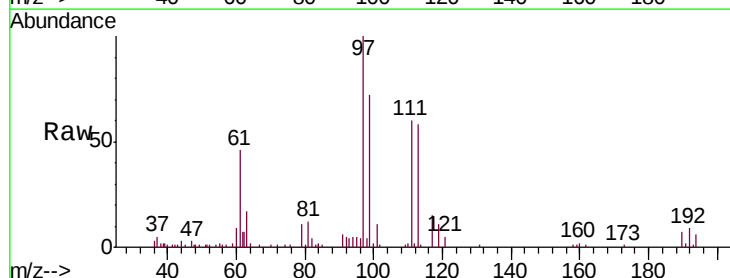
RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

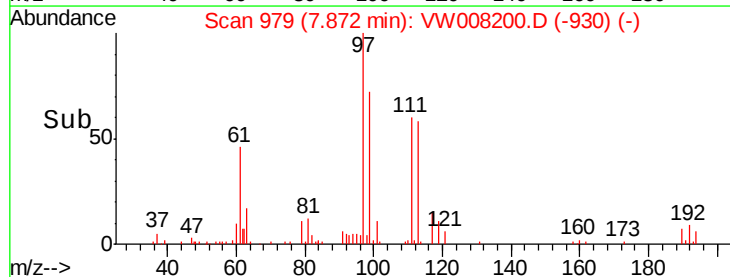
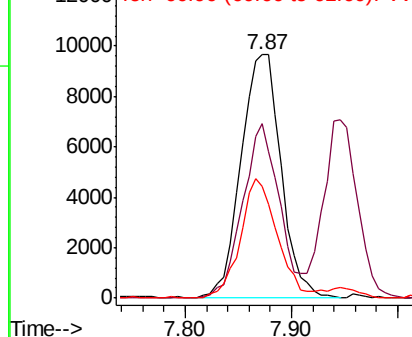
Lab File: VW008200.D

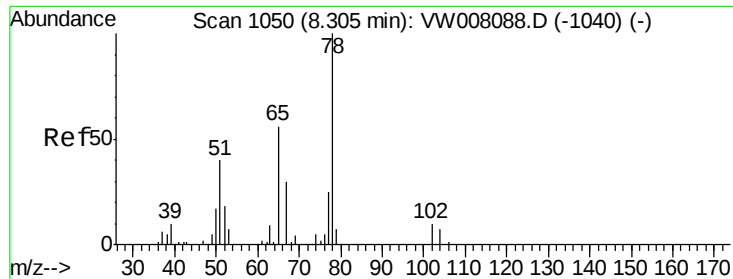
Acq: 11 Jan 2019 17:59

Tgt Ion:	97	Resp:	25575
Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.4	77.0
61	45.1	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: 55.872 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Instrument :

MSVOA_W

ClientSampleId :

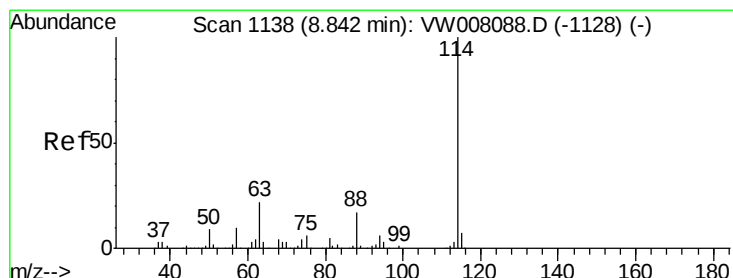
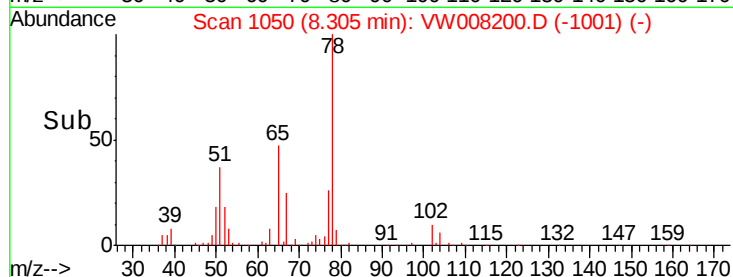
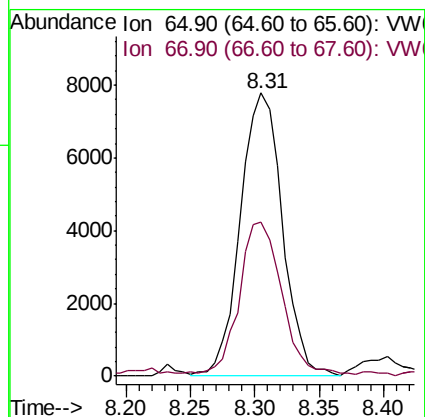
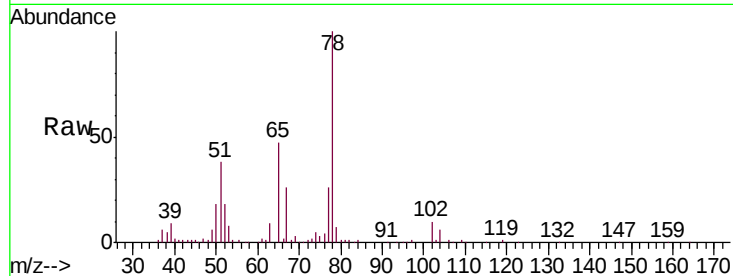
CPSB-07(15-20)MS

Tgt Ion: 65 Resp: 17589

Ion Ratio Lower Upper

65 100

67 53.9 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: VW008200.D

Acq: 11 Jan 2019 17:59

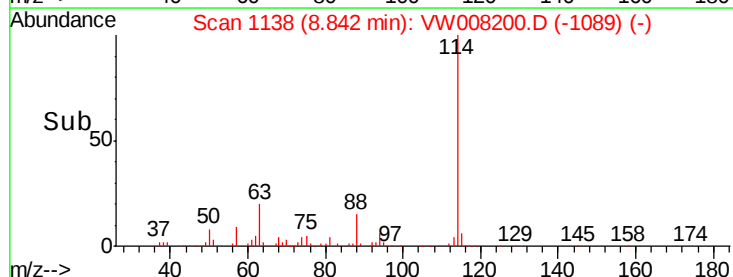
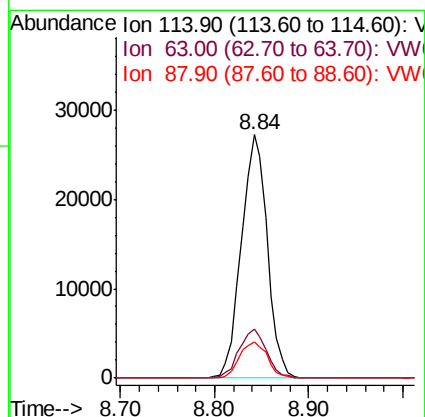
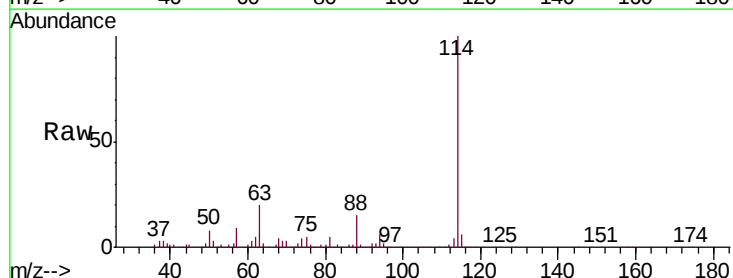
Tgt Ion: 114 Resp: 52318

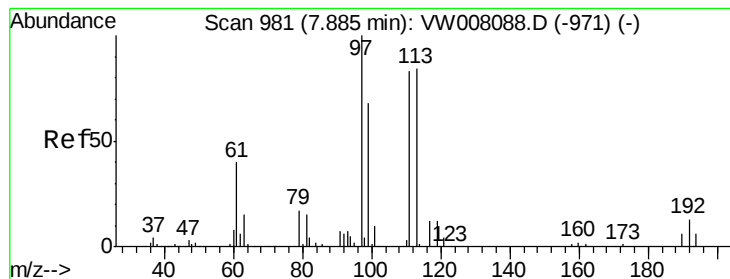
Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.4

88 14.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 54.703 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

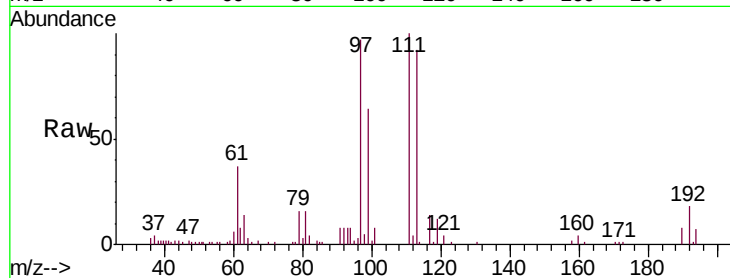
Tgt Ion:113 Resp: 16692

Ion Ratio Lower Upper

113 100

111 103.3 81.8 122.8

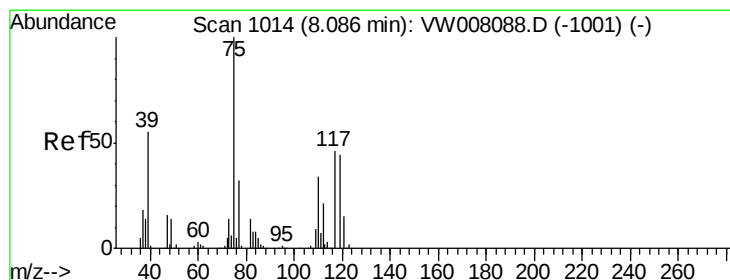
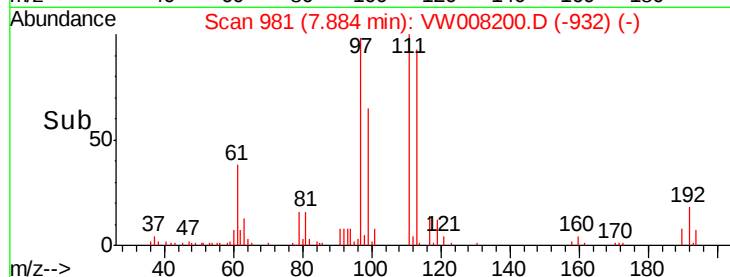
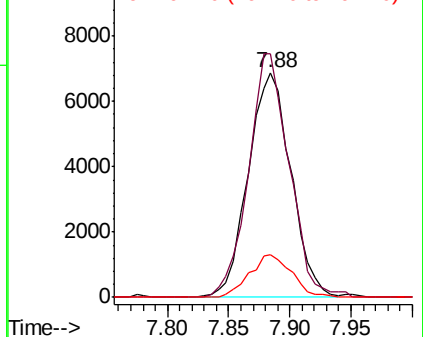
192 18.8 12.8 19.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 37.892 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.01 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

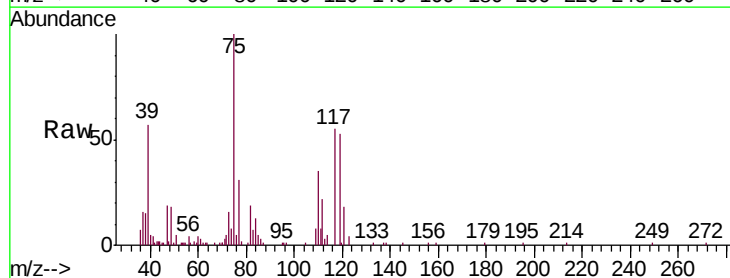
Tgt Ion: 75 Resp: 20421

Ion Ratio Lower Upper

75 100

110 36.5 17.1 51.3

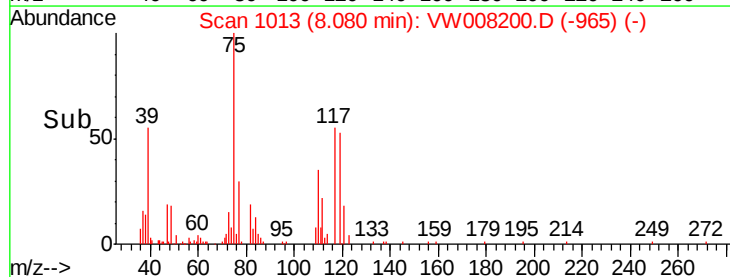
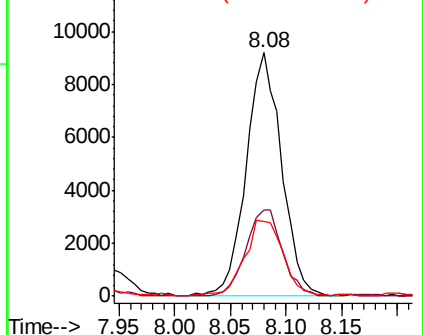
77 34.0 25.5 38.3

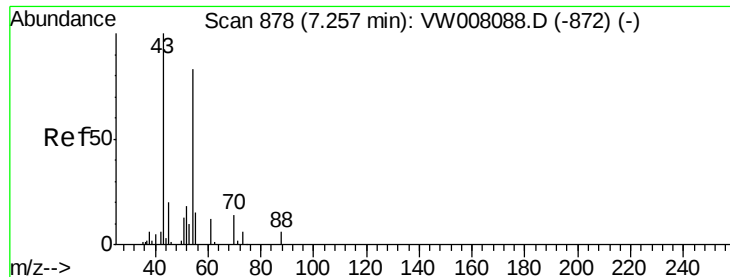


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

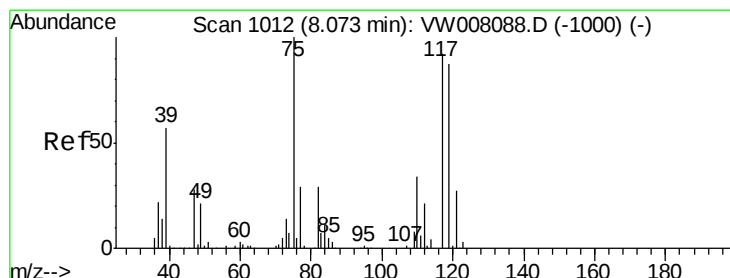
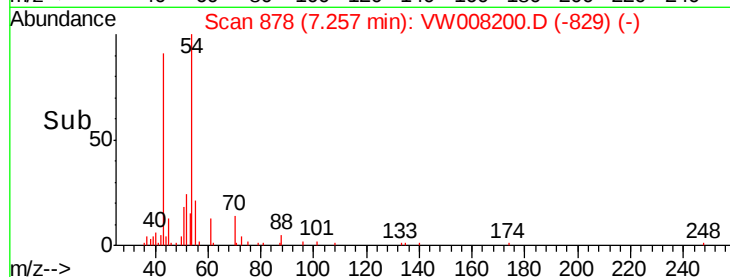
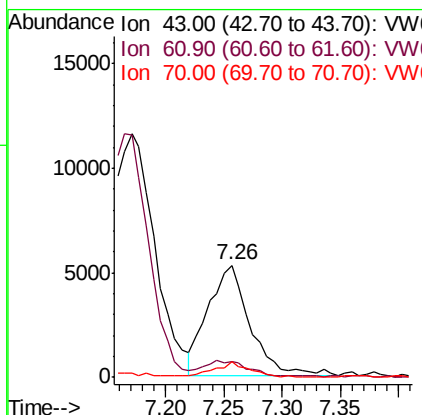
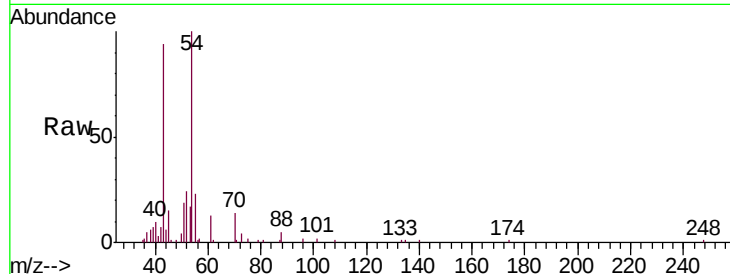




#37
Ethyl Acetate
Concen: 61.275 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

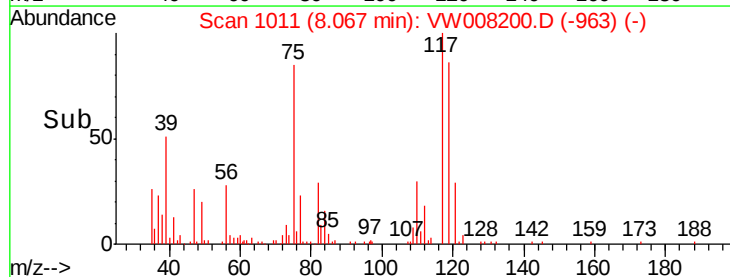
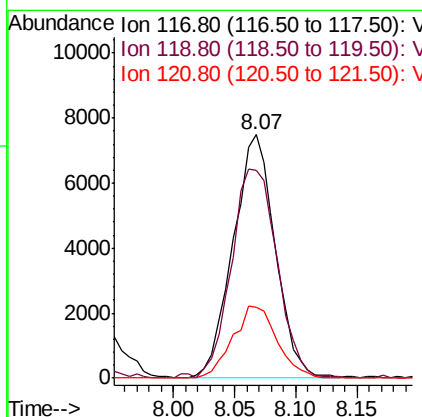
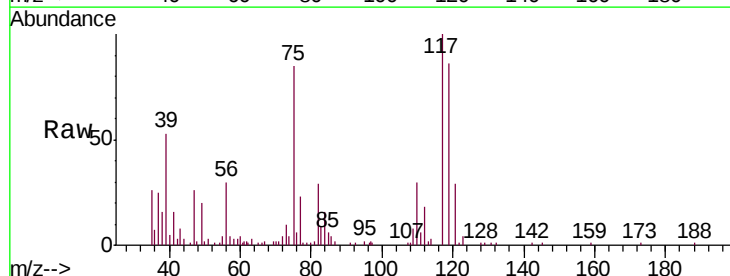
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MS

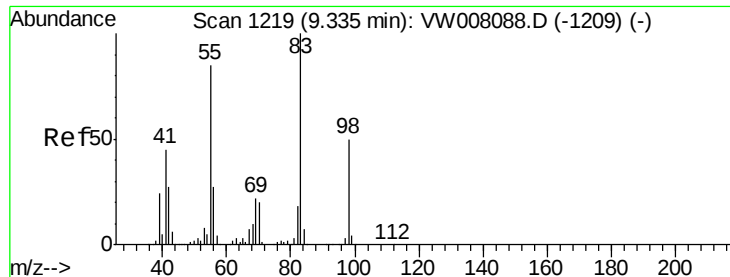
Tgt Ion: 43 Resp: 13230
Ion Ratio Lower Upper
43 100
61 14.7 10.6 16.0
70 11.9 8.9 13.3



#38
Carbon Tetrachloride
Concen: 36.392 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

Tgt Ion: 117 Resp: 17951
Ion Ratio Lower Upper
117 100
119 84.8 75.8 113.8
121 29.2 23.7 35.5

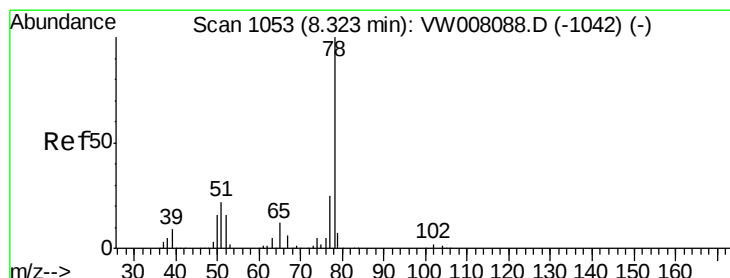
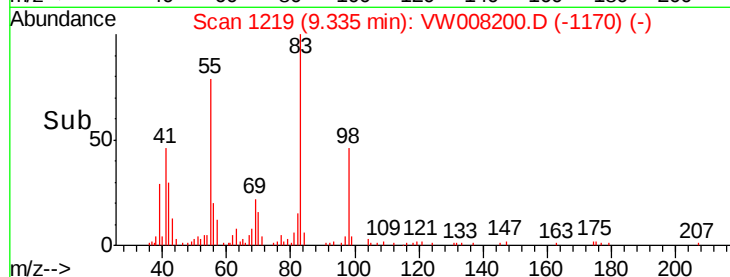
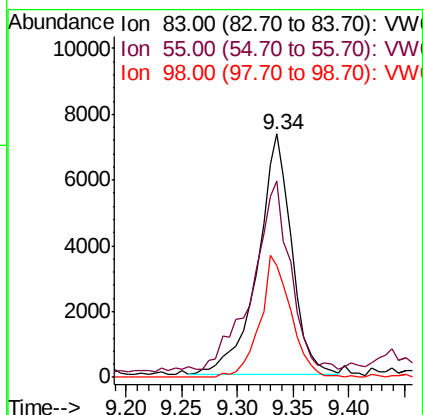
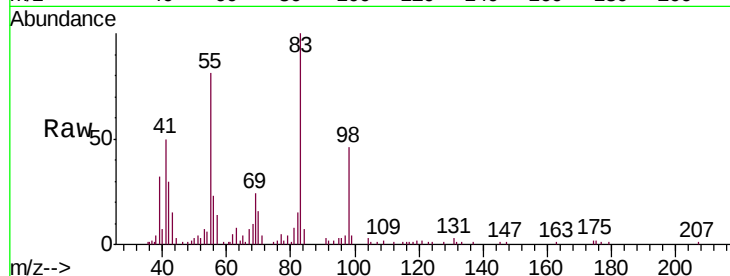




#39
Methylcyclohexane
Concen: 22.533 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

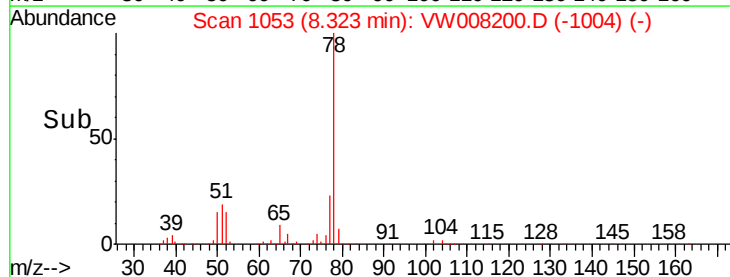
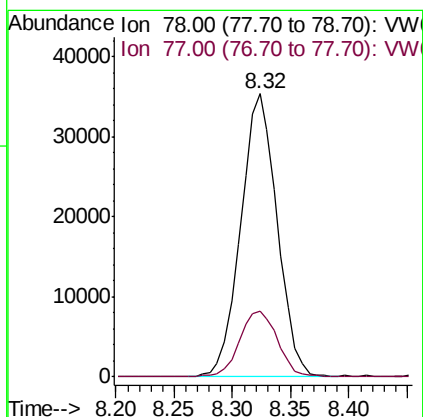
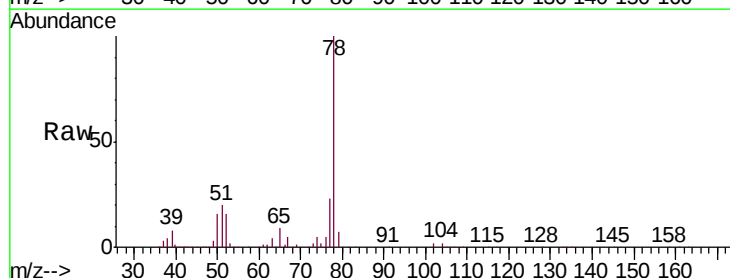
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MS

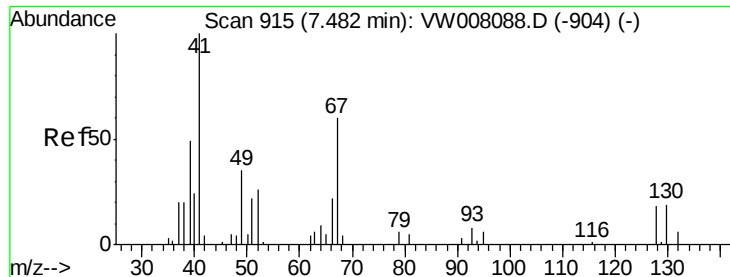
Tgt Ion: 83 Resp: 15398
Ion Ratio Lower Upper
83 100
55 78.7 67.8 101.6
98 46.5 40.2 60.4



#40
Benzene
Concen: 52.692 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

Tgt Ion: 78 Resp: 77022
Ion Ratio Lower Upper
78 100
77 23.2 20.2 30.4

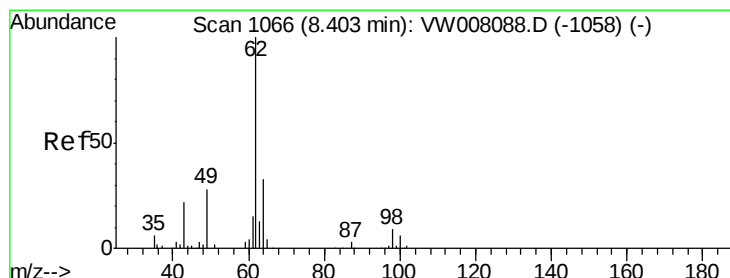
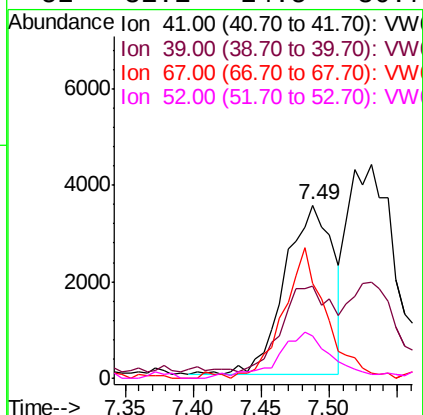
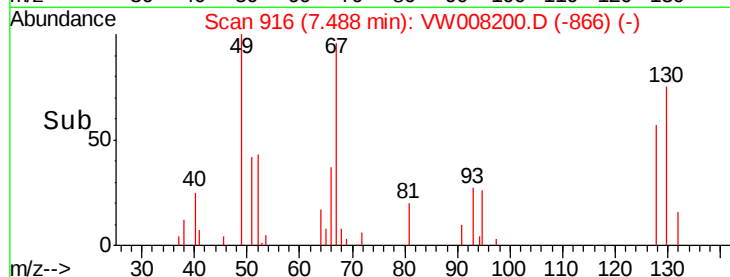
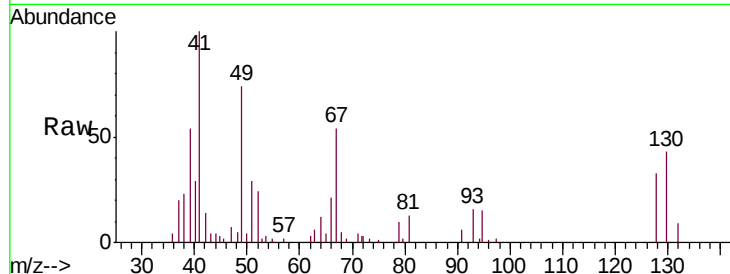




#41
Methacrylonitrile
Concen: 63.758 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

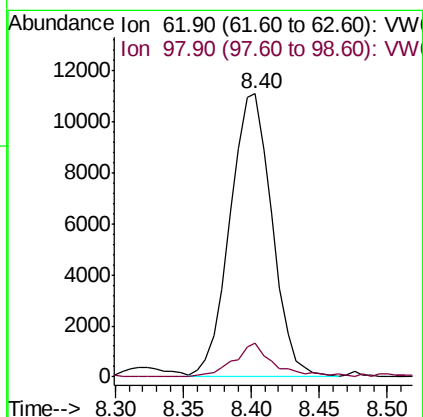
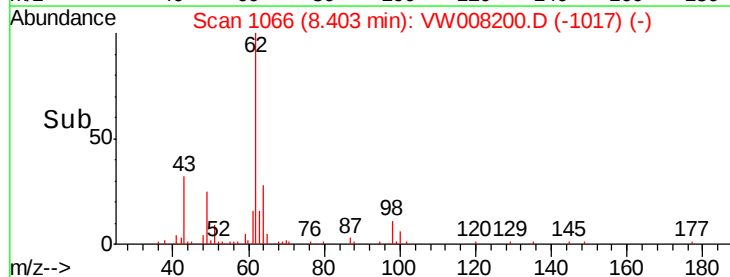
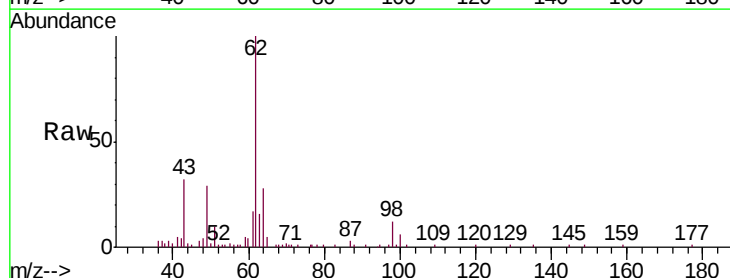
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MS

Tgt Ion:	41	Resp:	8696
Ion	Ratio	Lower	Upper
41	100		
39	52.7	47.9	71.9
67	67.1	56.3	84.5
52	31.1	24.5	36.7



#42
1,2-Dichloroethane
Concen: 58.093 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

Tgt Ion:	62	Resp:	23883
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	18.6





#43

Isopropyl Acetate

Concen: 63.402 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

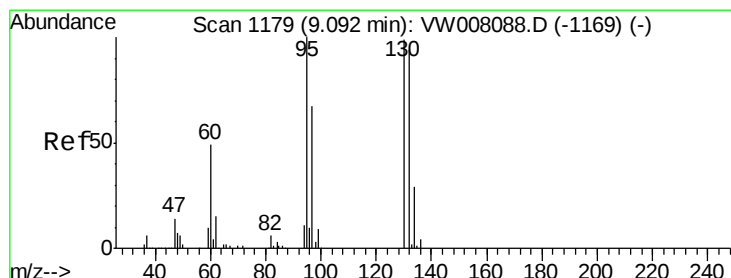
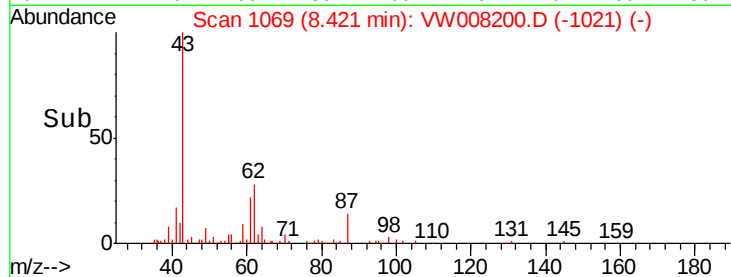
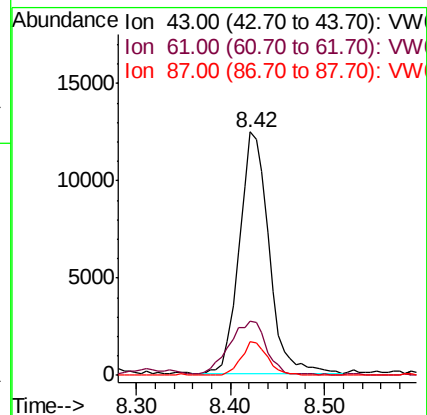
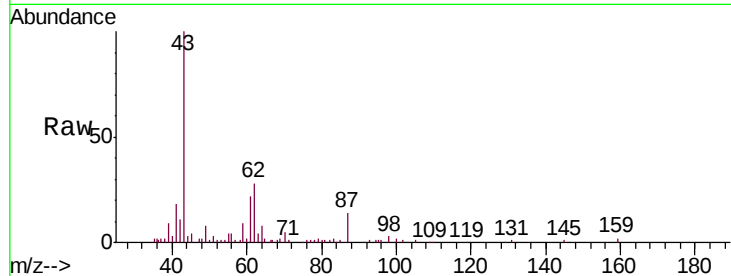
Tgt Ion: 43 Resp: 27370

Ion Ratio Lower Upper

43 100

61 28.4 24.8 37.2

87 12.4 10.4 15.6



#44

Trichloroethene

Concen: 43.978 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW008200.D

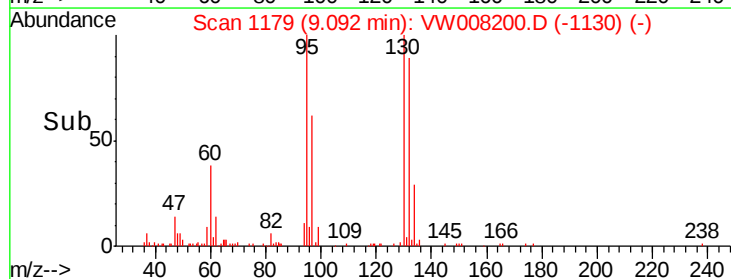
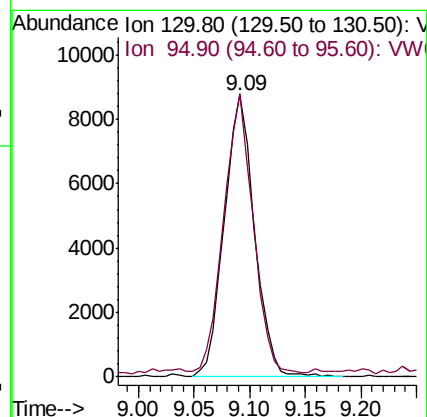
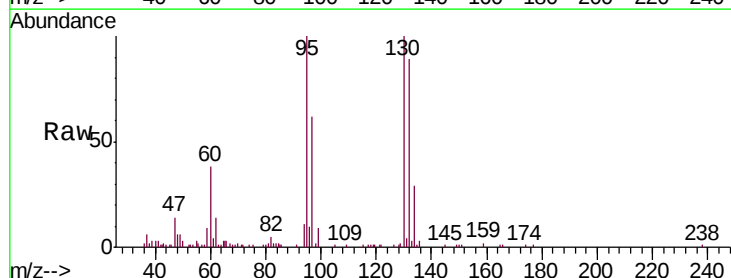
Acq: 11 Jan 2019 17:59

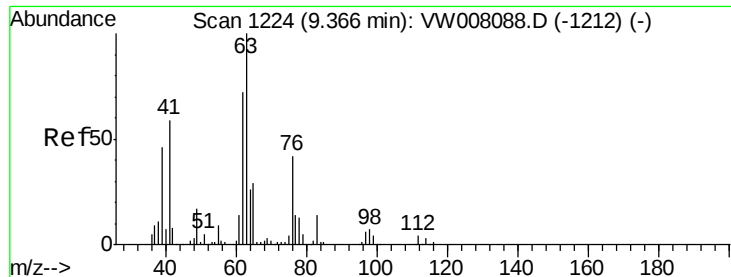
Tgt Ion: 130 Resp: 16456

Ion Ratio Lower Upper

130 100

95 98.7 0.0 202.8

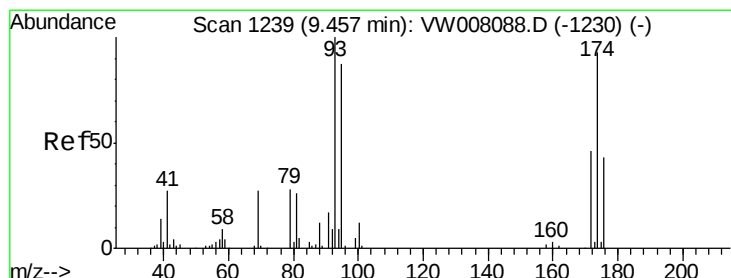
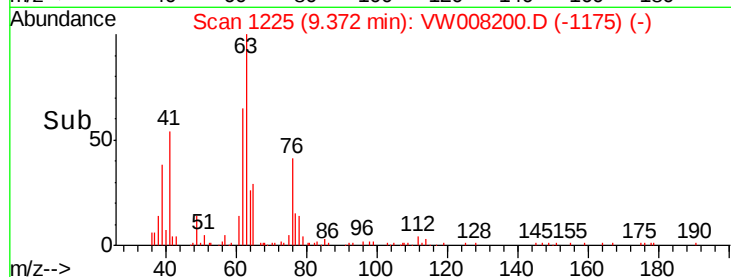
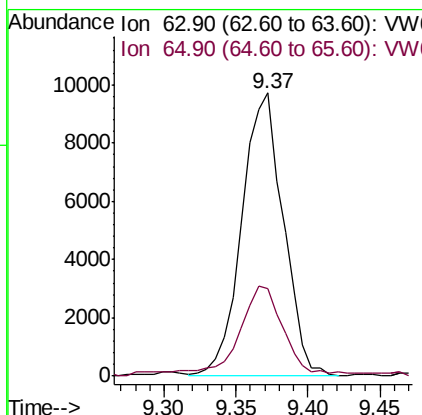
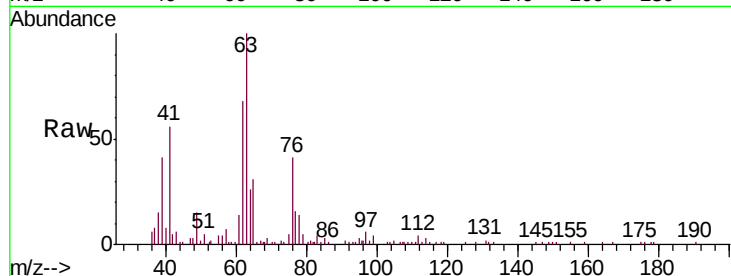




#45
 1,2-Dichloropropane
 Concen: 53.677 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW008200.D
 Acq: 11 Jan 2019 17:59

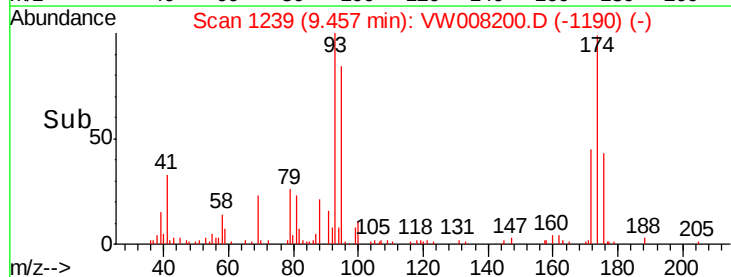
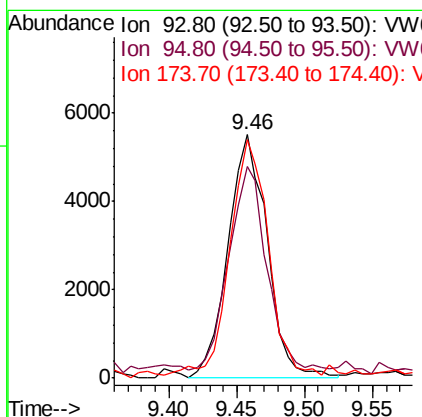
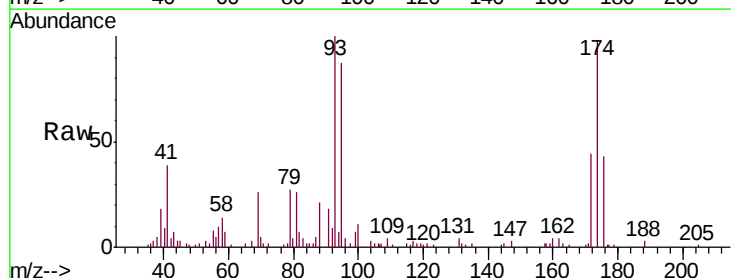
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)MS

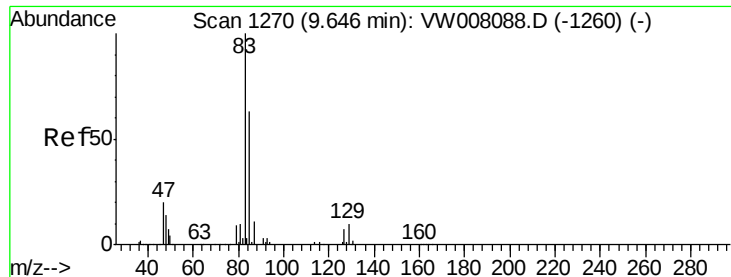
Tgt Ion: 63 Resp: 19455
 Ion Ratio Lower Upper
 63 100
 65 29.3 23.3 34.9



#46
 Dibromomethane
 Concen: 62.309 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW008200.D
 Acq: 11 Jan 2019 17:59

Tgt Ion: 93 Resp: 11091
 Ion Ratio Lower Upper
 93 100
 95 79.3 67.5 101.3
 174 95.4 72.5 108.7





#47

Bromodichloromethane

Concen: 53.229 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

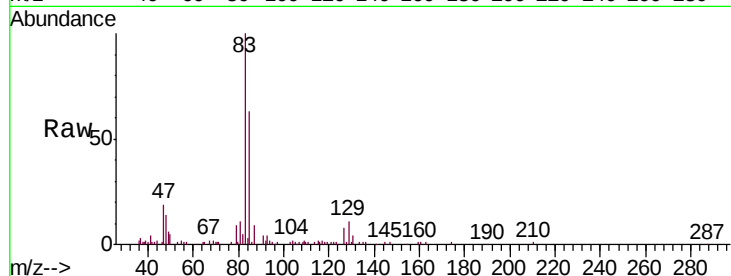
Tgt Ion: 83 Resp: 24058

Ion Ratio Lower Upper

83 100

85 63.4 50.7 76.1

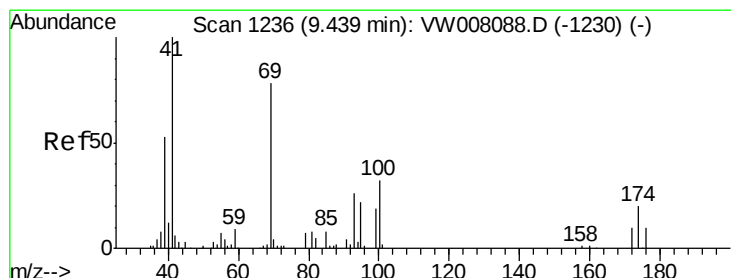
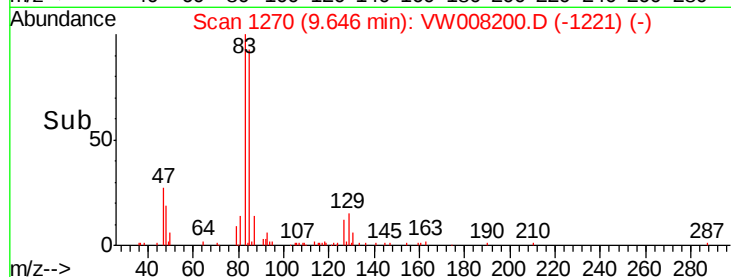
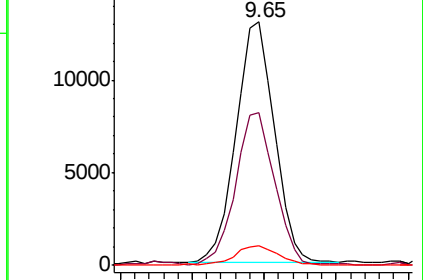
127 8.1 6.0 9.0



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): VW



#48

Methyl methacrylate

Concen: 65.853 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

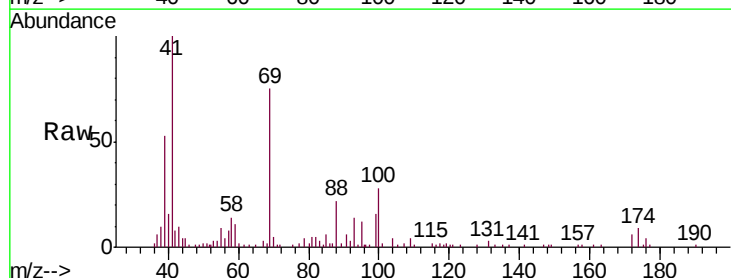
Tgt Ion: 41 Resp: 13414

Ion Ratio Lower Upper

41 100

69 78.0 61.9 92.9

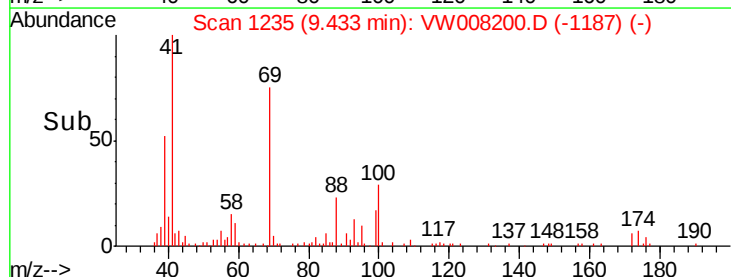
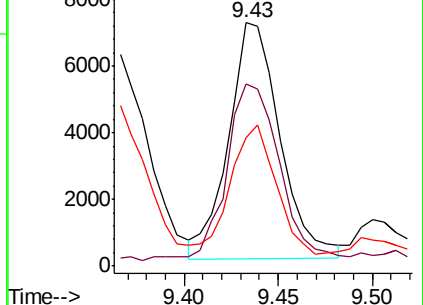
39 54.2 43.0 64.4

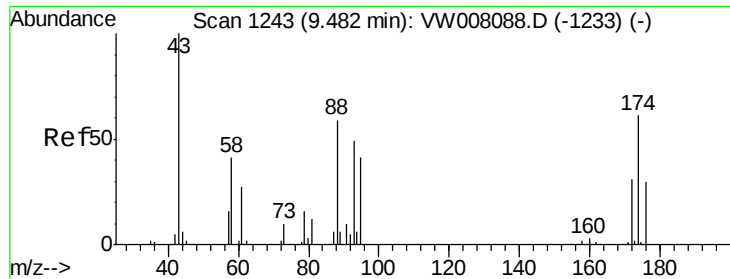


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

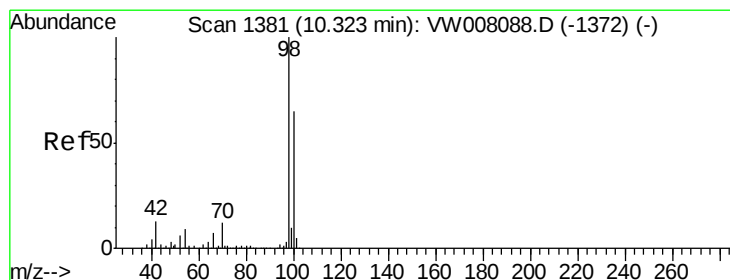
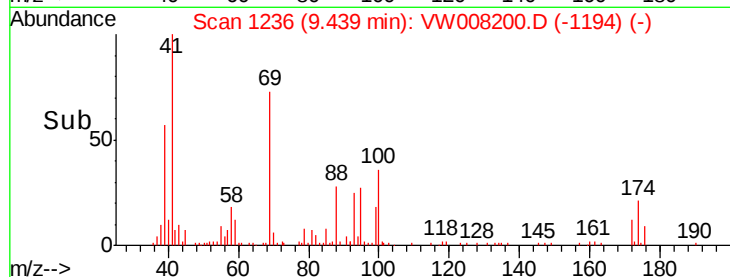
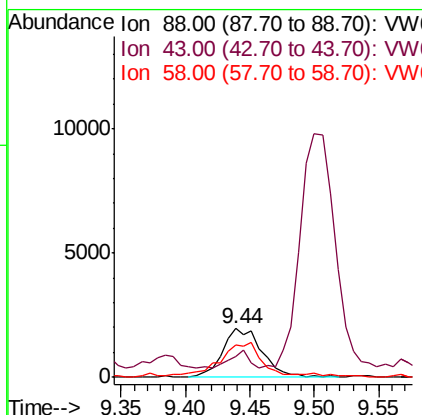
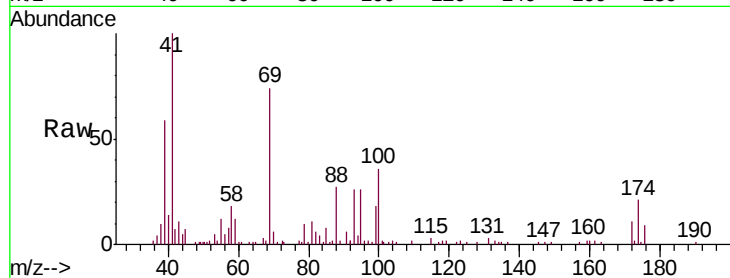




#49
1,4-Dioxane
Concen: 1468.972 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.04 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

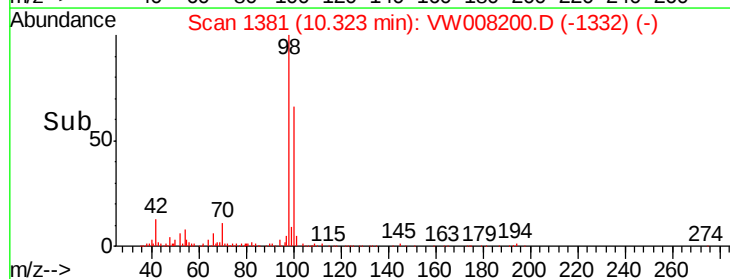
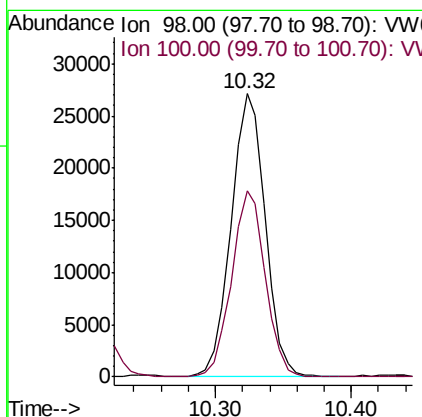
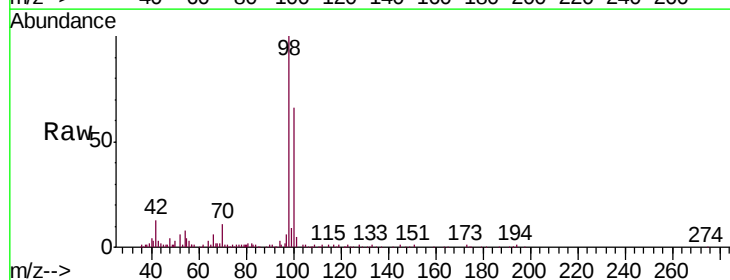
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MS

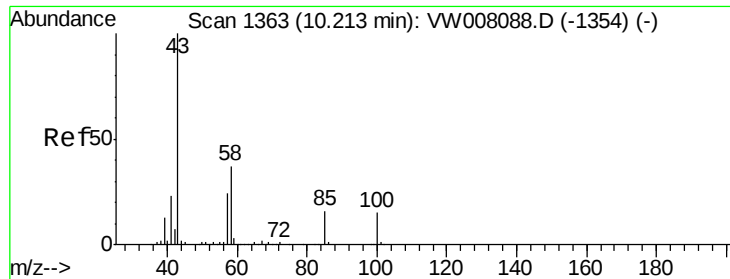
Tgt Ion: 88 Resp: 4205
Ion Ratio Lower Upper
88 100
43 30.2 0.0 0.0#
58 68.4 61.7 92.5



#50
Toluene-d8
Concen: 36.888 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

Tgt Ion: 98 Resp: 47234
Ion Ratio Lower Upper
98 100
100 64.9 51.7 77.5

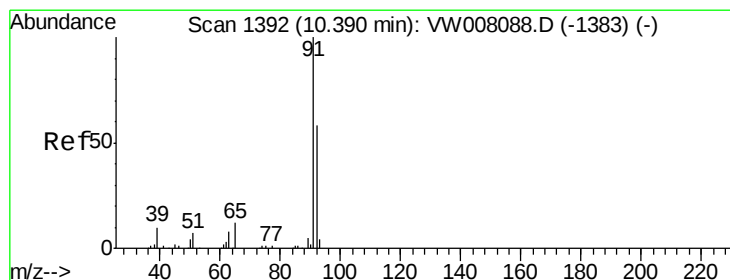
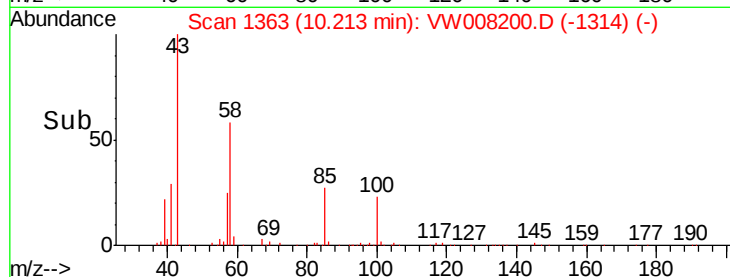
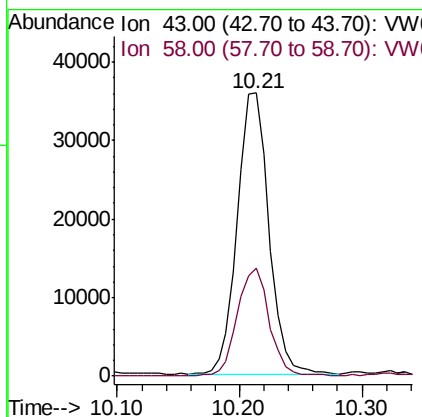
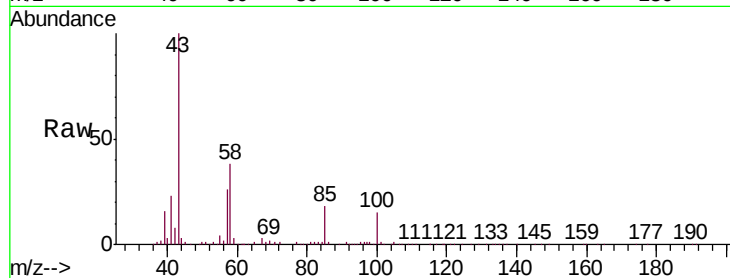




#51
4-Methyl-2-Pentanone
Concen: 308.827 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

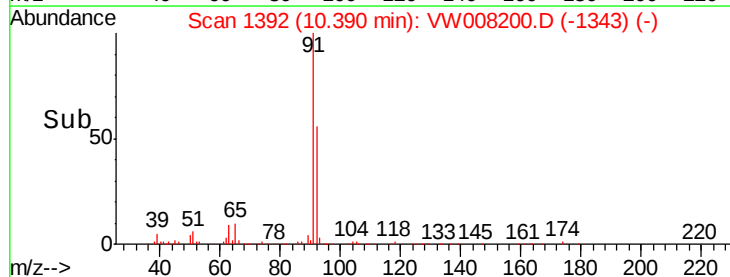
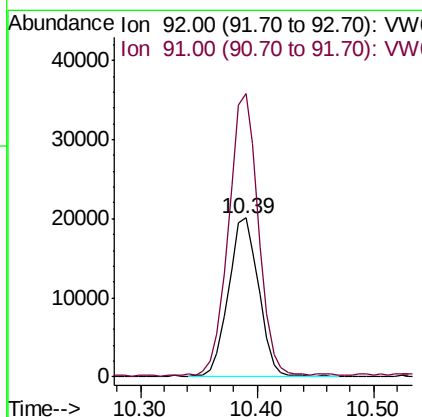
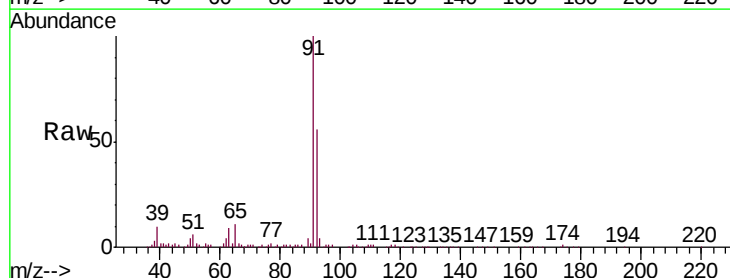
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MS

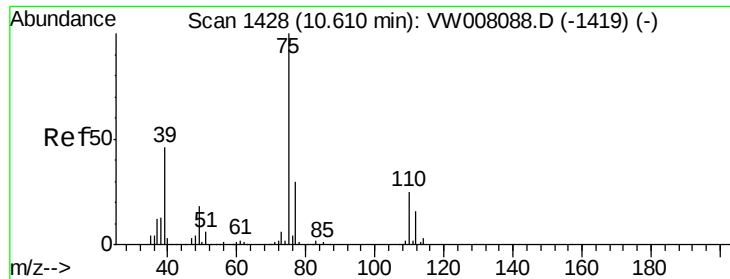
Tgt Ion: 43 Resp: 64533
Ion Ratio Lower Upper
43 100
58 38.8 30.6 46.0



#52
Toluene
Concen: 38.884 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

Tgt Ion: 92 Resp: 36299
Ion Ratio Lower Upper
92 100
91 175.6 137.0 205.4

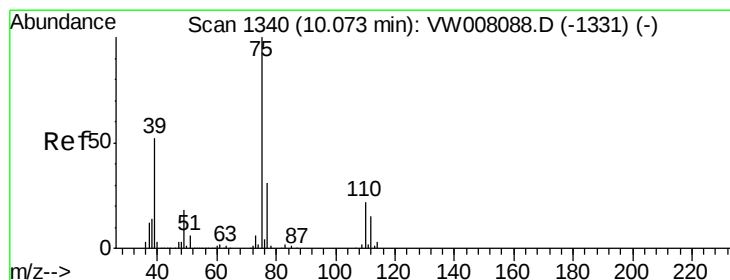
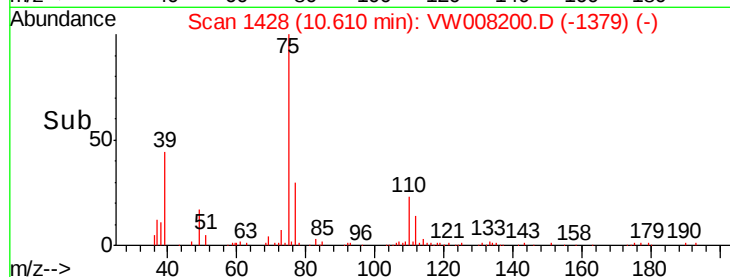
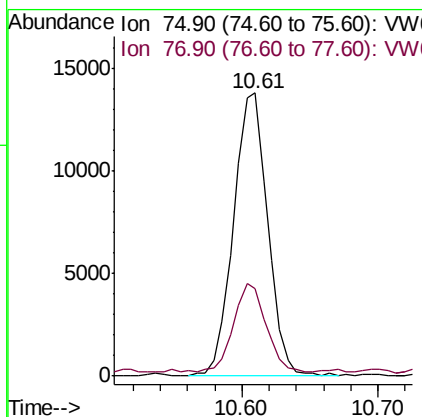
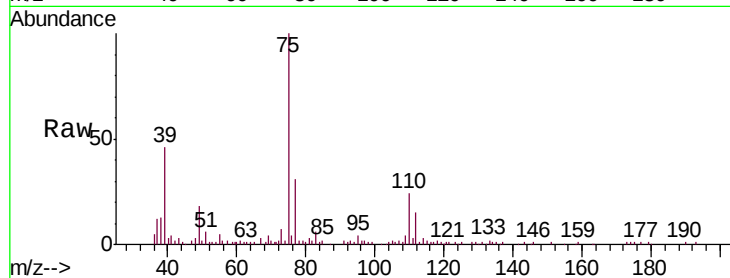




#53
t-1,3-Dichloropropene
Concen: 51.566 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

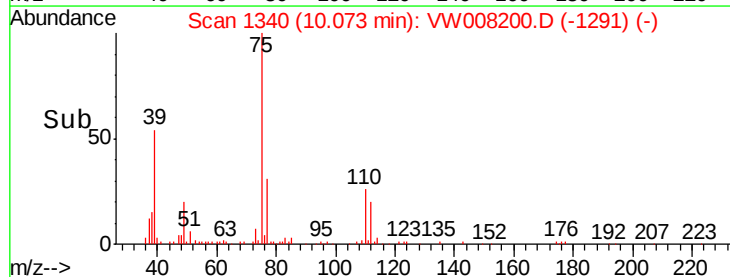
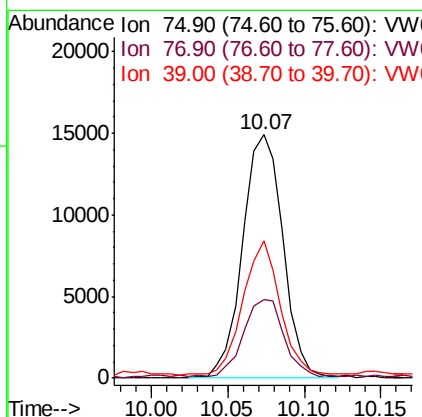
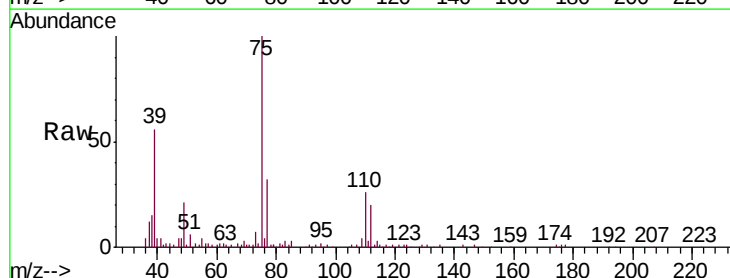
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MS

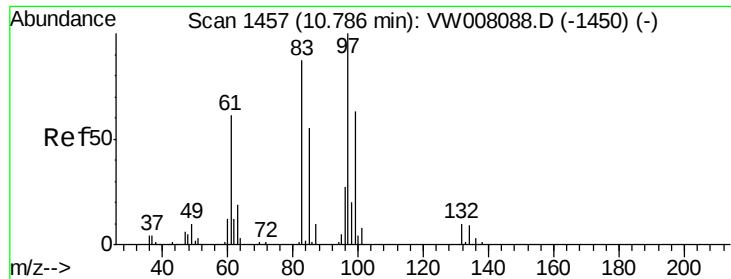
Tgt Ion: 75 Resp: 24243
Ion Ratio Lower Upper
75 100
77 29.1 24.4 36.6



#54
cis-1,3-Dichloropropene
Concen: 49.086 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

Tgt Ion: 75 Resp: 27365
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8
39 54.7 41.4 62.0





#55

1,1,2-Trichloroethane

Concen: 59.489 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

Tgt Ion: 97 Resp: 14867

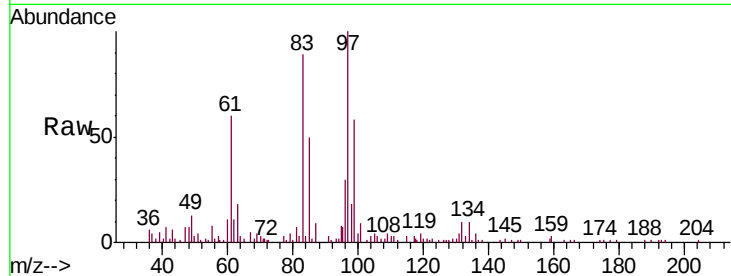
Ion Ratio Lower Upper

97 100

83 88.8 69.3 103.9

85 49.7 43.8 65.6

99 59.8 50.0 75.0

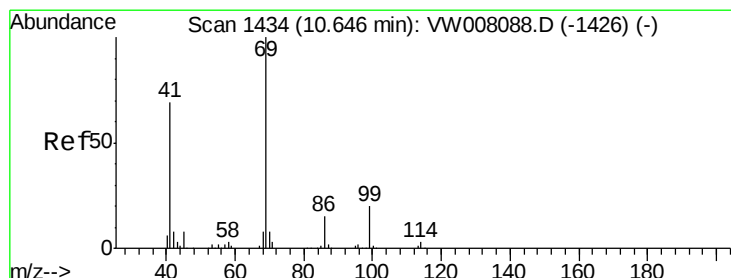
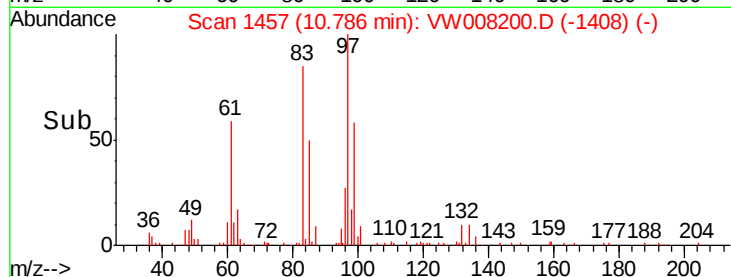
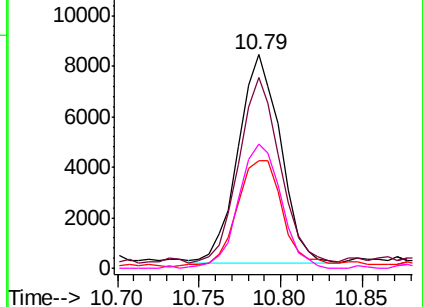


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 61.834 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

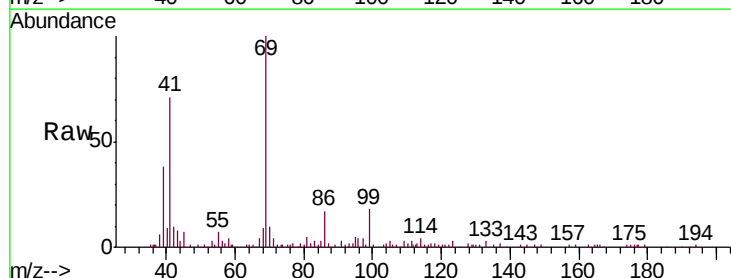
Tgt Ion: 69 Resp: 19137

Ion Ratio Lower Upper

69 100

41 69.6 56.4 84.6

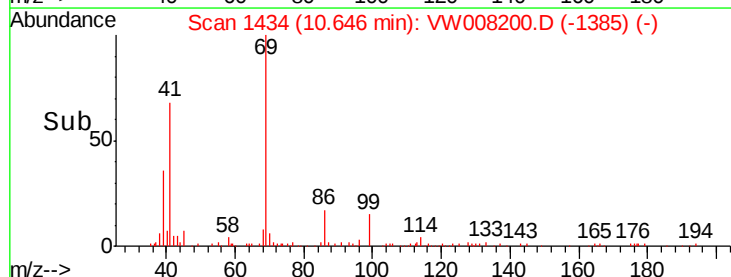
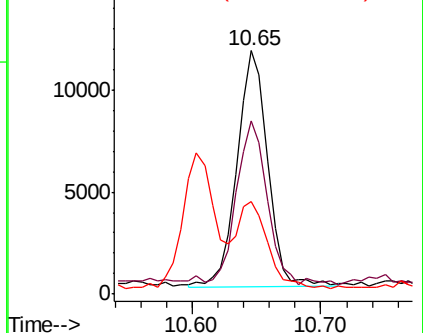
39 35.1 28.1 42.1

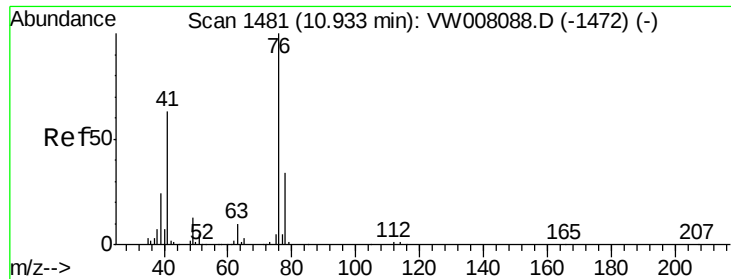


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

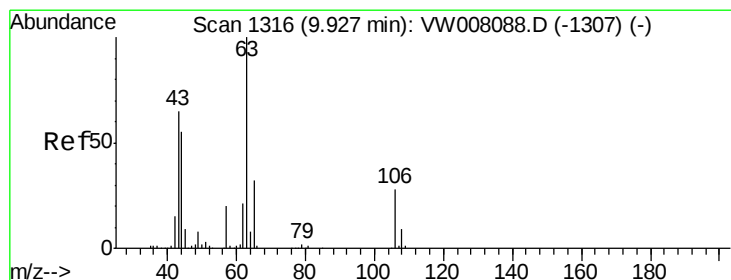
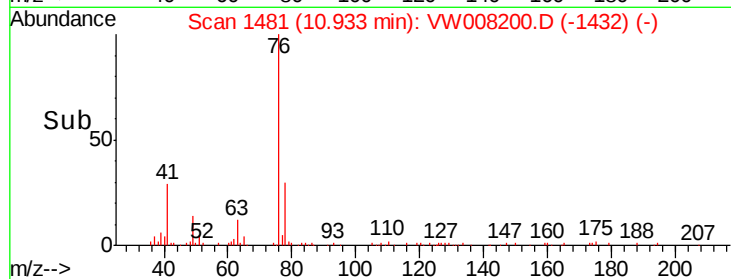
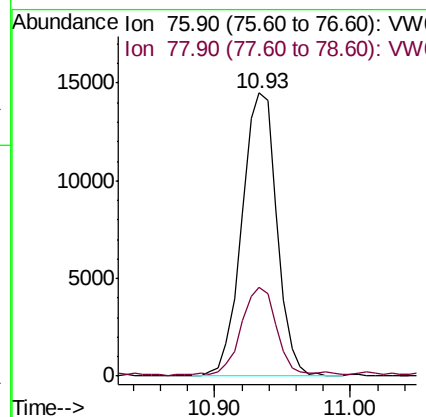
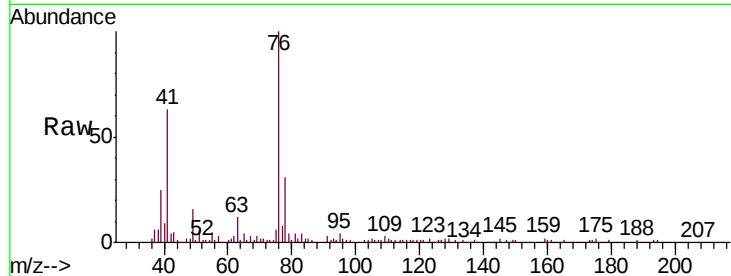




#57
 1,3-Dichloropropane
 Concen: 56.873 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW008200.D
 Acq: 11 Jan 2019 17:59

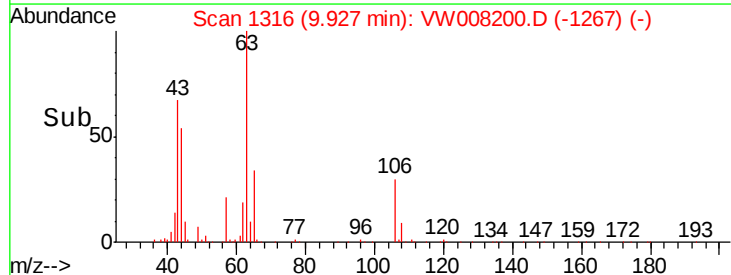
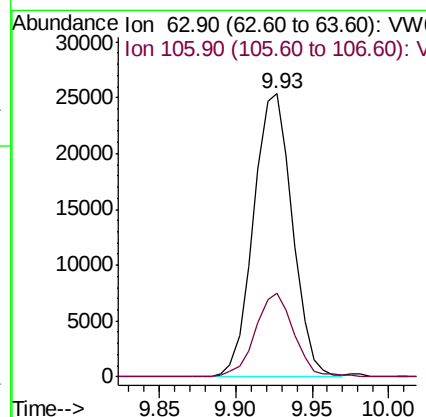
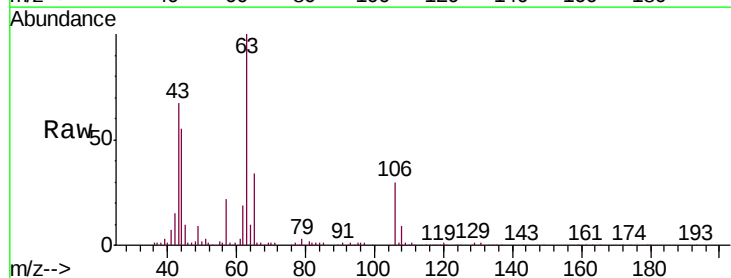
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)MS

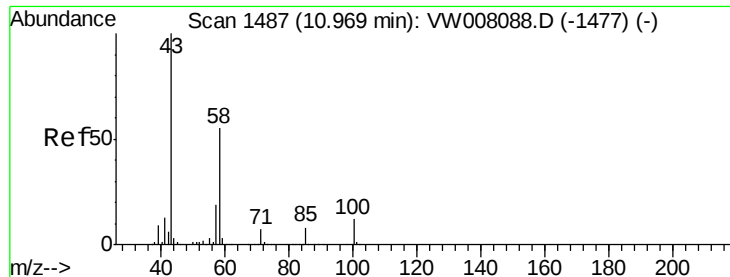
Tgt Ion: 76 Resp: 25994
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 280.969 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW008200.D
 Acq: 11 Jan 2019 17:59

Tgt Ion: 63 Resp: 44918
 Ion Ratio Lower Upper
 63 100
 106 29.4 21.8 32.6





#59

2-Hexanone

Concen: 329.617 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Instrument :

MSVOA_W

ClientSampleId :

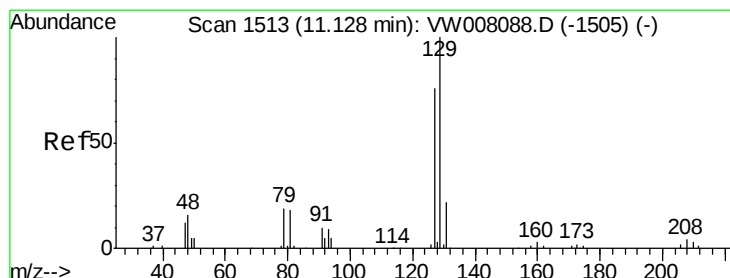
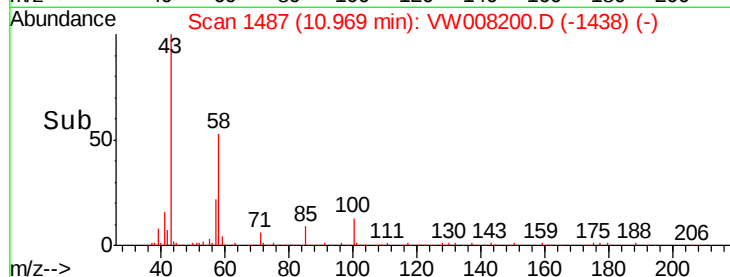
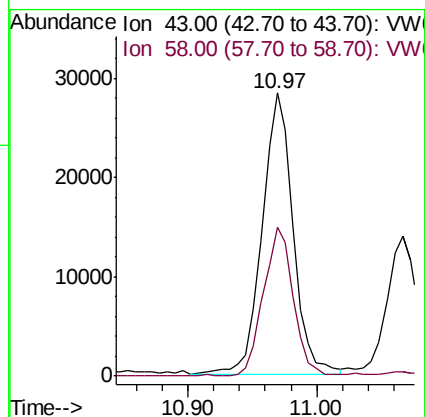
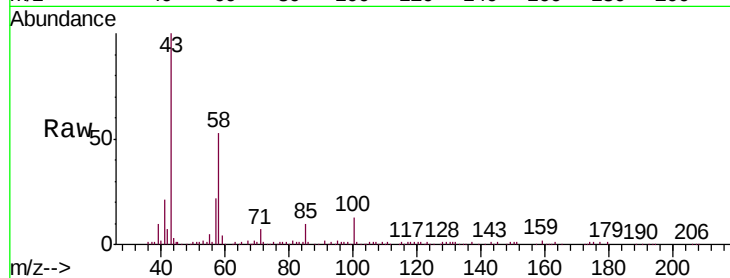
CPSB-07(15-20)MS

Tgt Ion: 43 Resp: 46578

Ion Ratio Lower Upper

43 100

58 51.3 27.2 81.5



#60

Dibromochloromethane

Concen: 55.173 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW008200.D

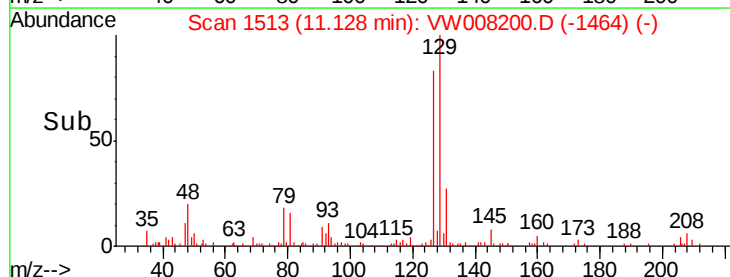
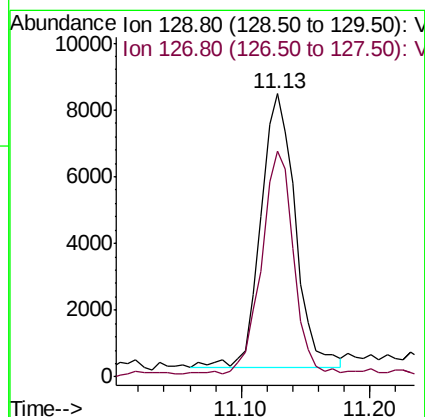
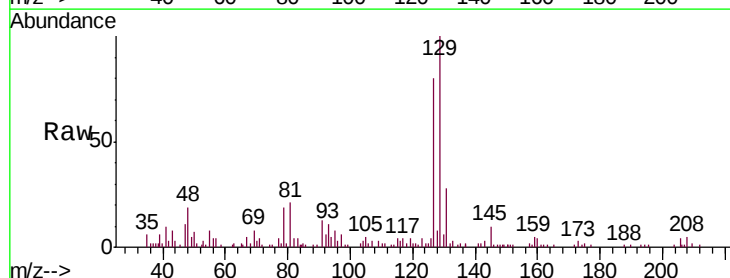
Acq: 11 Jan 2019 17:59

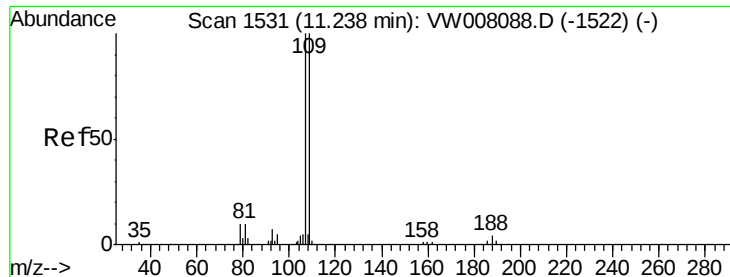
Tgt Ion: 129 Resp: 15141

Ion Ratio Lower Upper

129 100

127 75.5 38.9 116.6





#61

1,2-Dibromoethane

Concen: 53.346 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Instrument :

MSVOA_W

ClientSampleId :

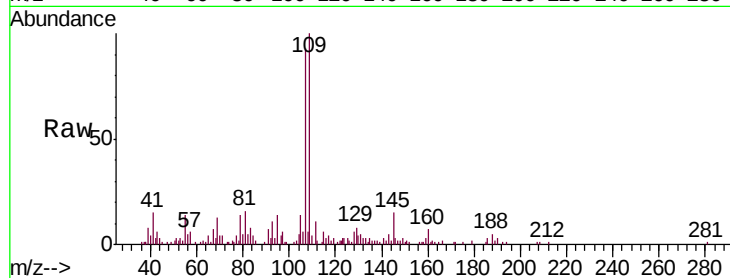
CPSB-07(15-20)MS

Tgt Ion: 107 Resp: 12650

Ion Ratio Lower Upper

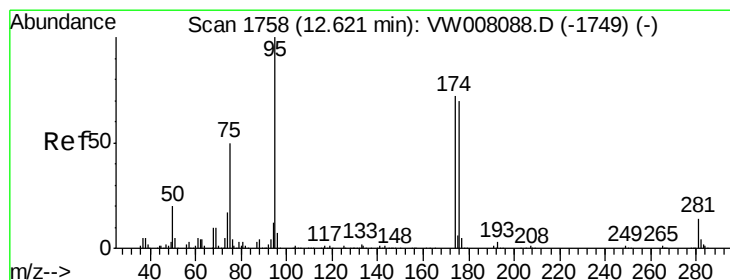
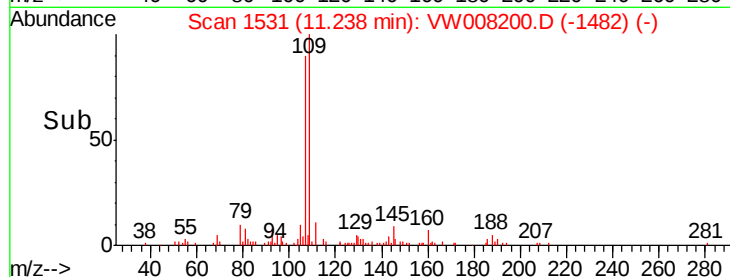
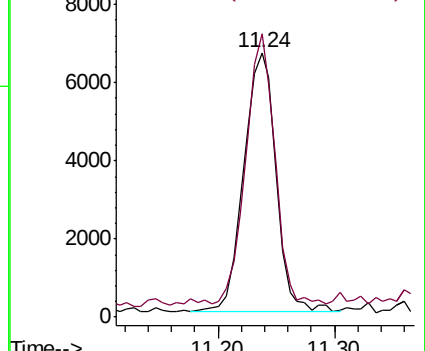
107 100

109 94.6 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 29.341 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

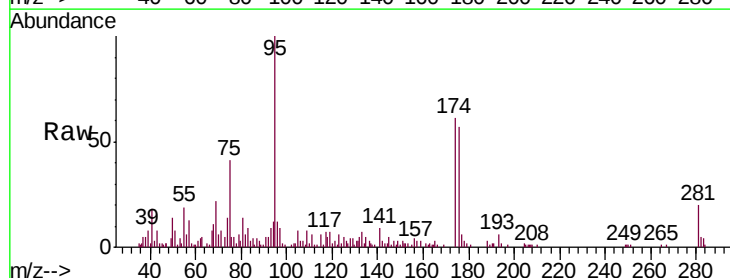
Tgt Ion: 95 Resp: 13469

Ion Ratio Lower Upper

95 100

174 63.8 0.0 143.0

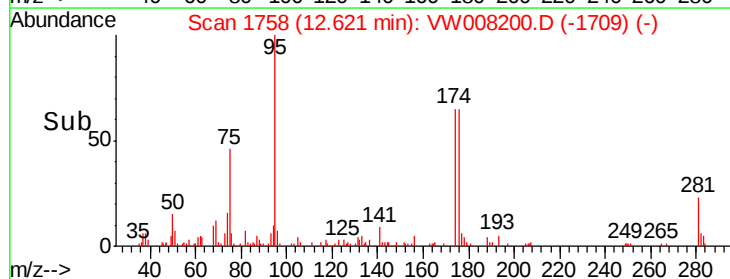
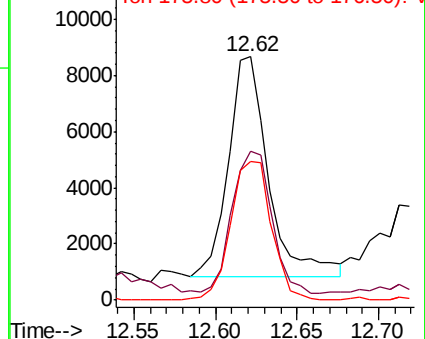
176 64.0 0.0 140.2

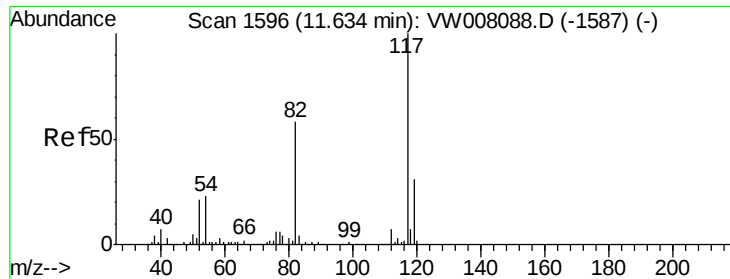


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

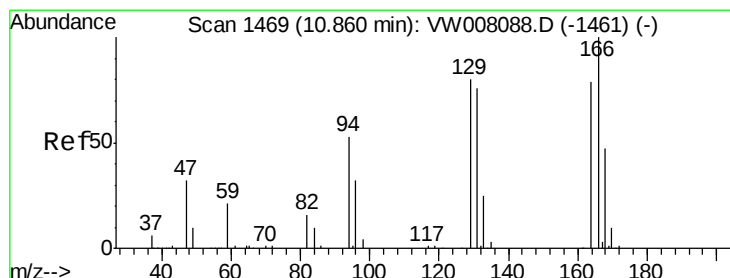
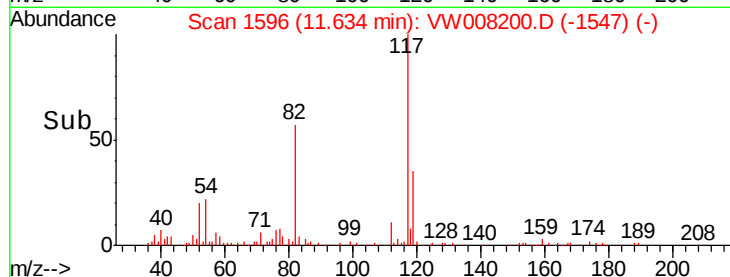
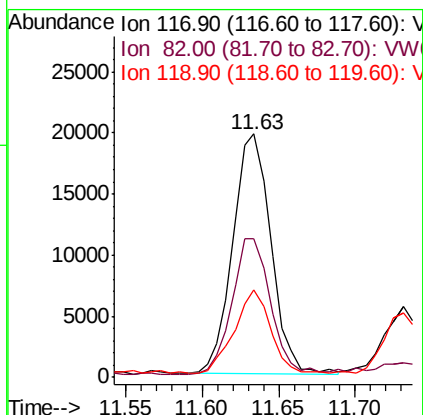
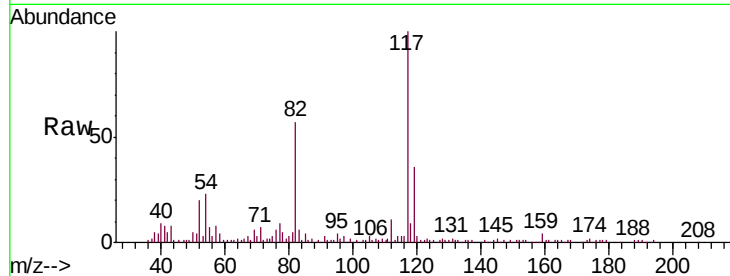




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

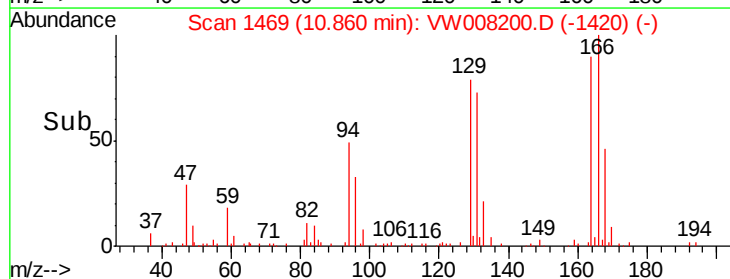
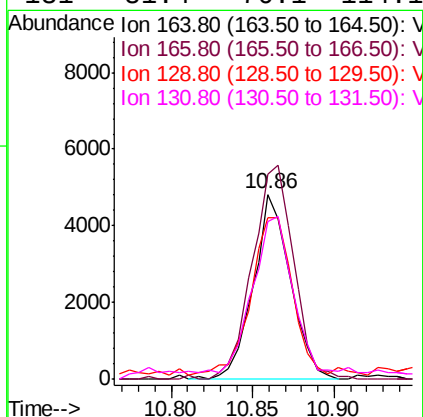
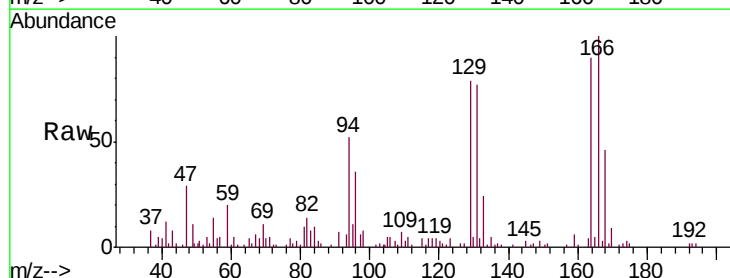
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MS

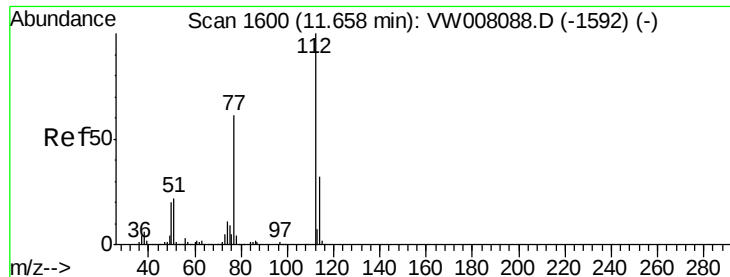
Tgt Ion:117 Resp: 33921
Ion Ratio Lower Upper
117 100
82 56.8 46.4 69.6
119 34.3 24.7 37.1



#64
Tetrachloroethene
Concen: 34.640 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

Tgt Ion:164 Resp: 7647
Ion Ratio Lower Upper
164 100
166 109.5 100.7 151.1
129 85.2 81.0 121.4
131 81.4 76.1 114.1





#65

Chlorobenzene

Concen: 48.233 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Instrument :

MSVOA_W

ClientSampleId :

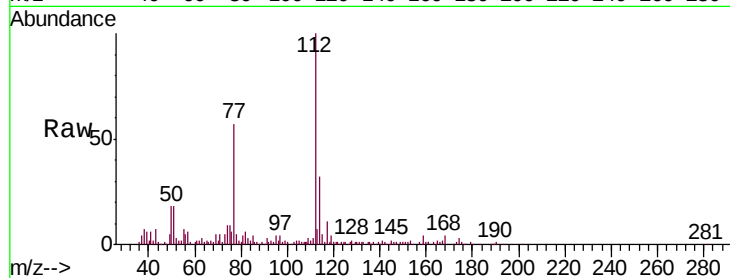
CPSB-07(15-20)MS

Tgt Ion:112 Resp: 34662

Ion Ratio Lower Upper

112 100

114 31.6 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.66

20000

15000

10000

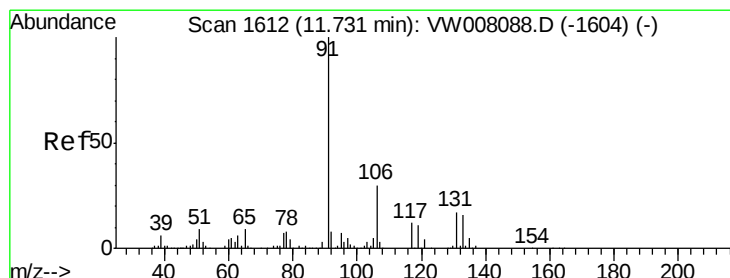
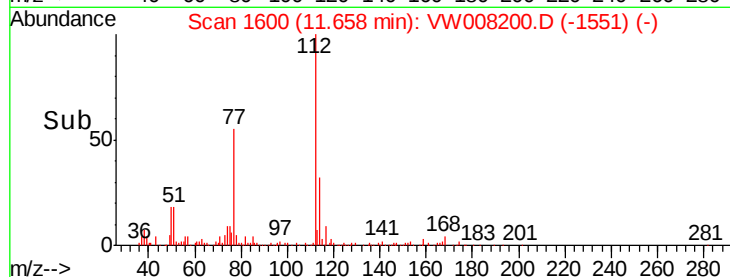
5000

0

Time-->

11.60

11.70



#66

1,1,1,2-Tetrachloroethane

Concen: 60.199 ug/l

RT: 11.73 min Scan# 1611

Delta R.T. -0.01 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

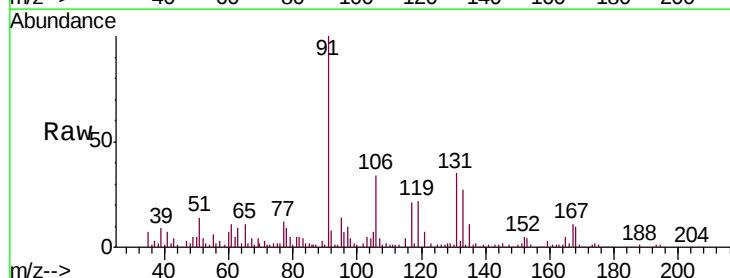
Tgt Ion:131 Resp: 14071

Ion Ratio Lower Upper

131 100

133 87.7 47.9 143.7

119 62.1 32.5 97.4



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10000

8000

6000

4000

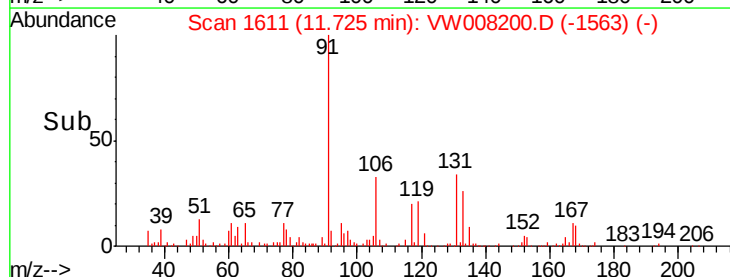
2000

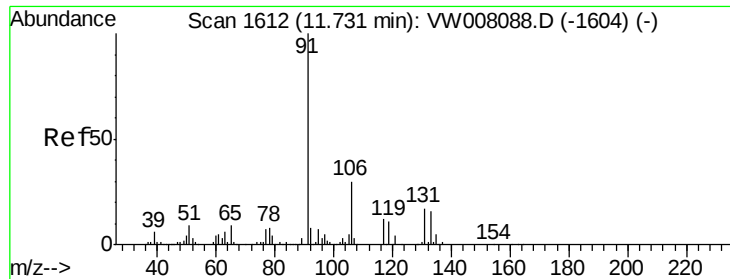
0

Time-->

11.70

11.80

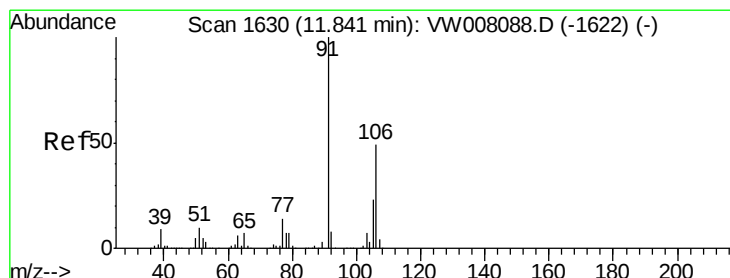
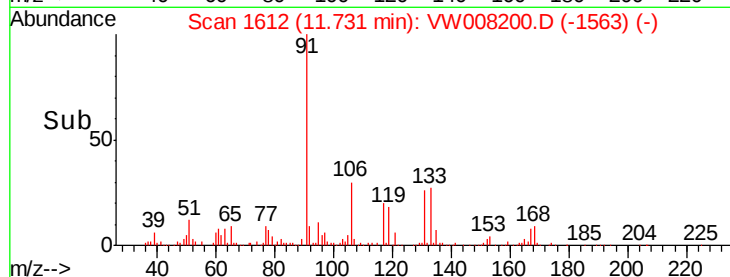
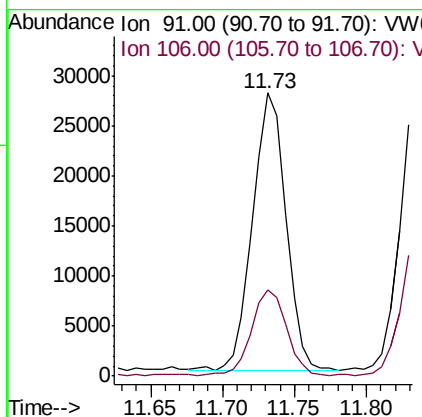
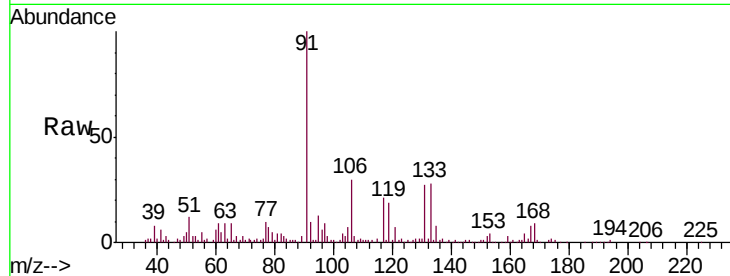




#67
Ethyl Benzene
Concen: 33.836 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

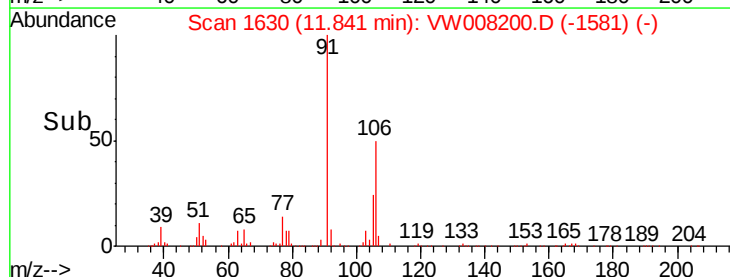
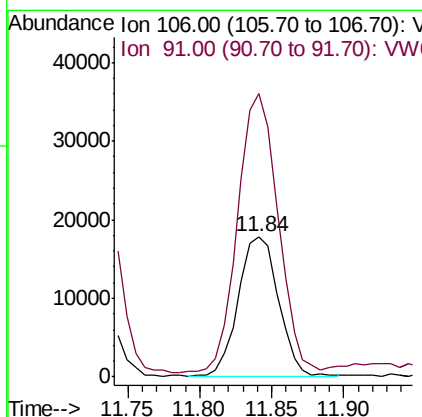
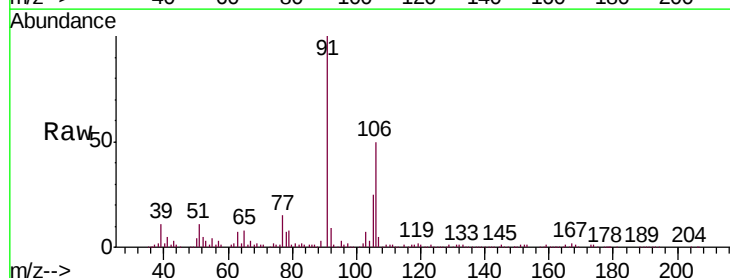
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MS

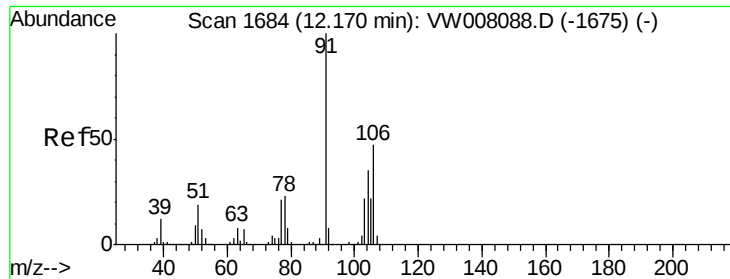
Tgt Ion: 91 Resp: 44491
Ion Ratio Lower Upper
91 100
106 30.4 24.2 36.4



#68
m/p-Xylenes
Concen: 68.738 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

Tgt Ion: 106 Resp: 34499
Ion Ratio Lower Upper
106 100
91 200.3 162.4 243.6

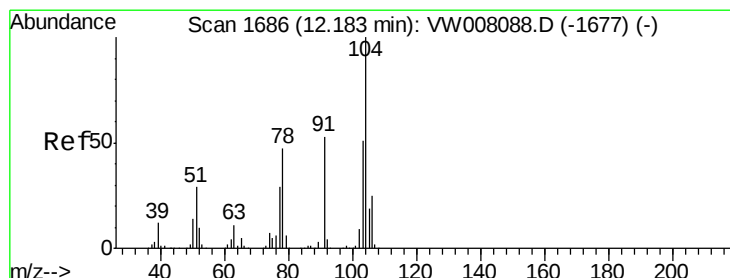
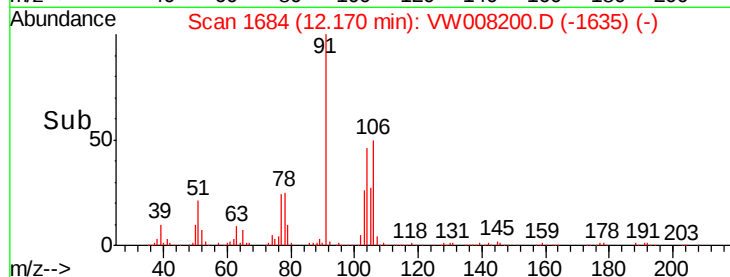
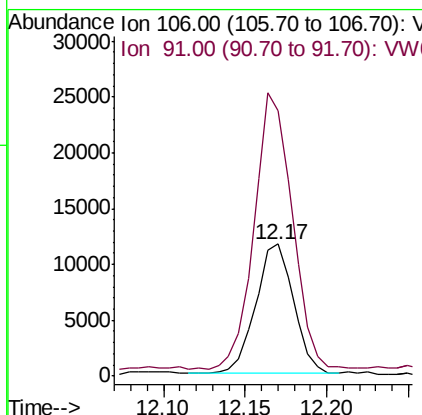
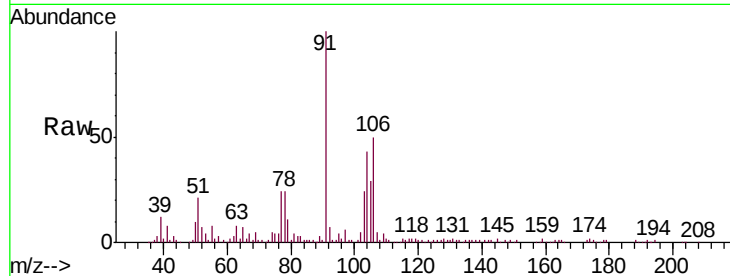




#69
o-Xylene
Concen: 40.465 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

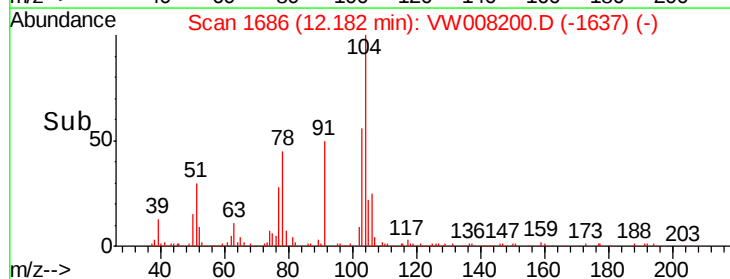
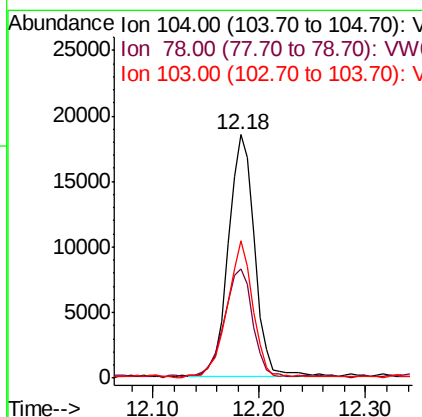
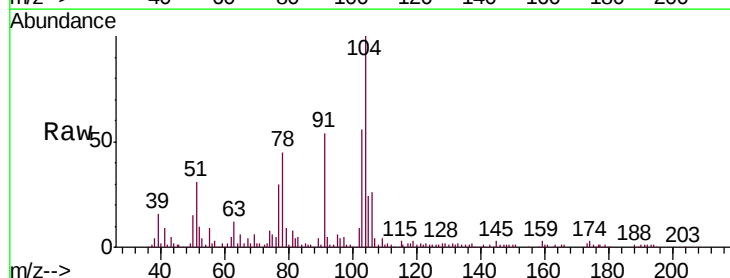
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MS

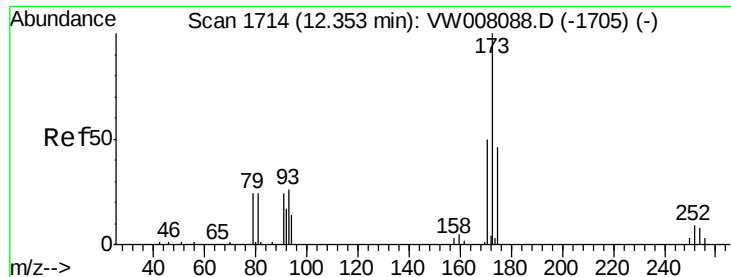
Tgt Ion:106 Resp: 18807
Ion Ratio Lower Upper
106 100
91 214.4 107.8 323.6



#70
Styrene
Concen: 43.435 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

Tgt Ion:104 Resp: 31620
Ion Ratio Lower Upper
104 100
78 47.6 41.8 62.8
103 56.4 43.8 65.8

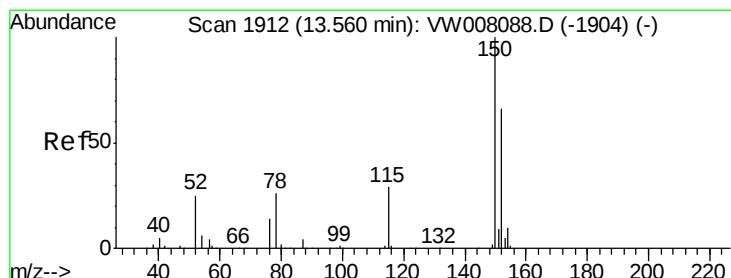
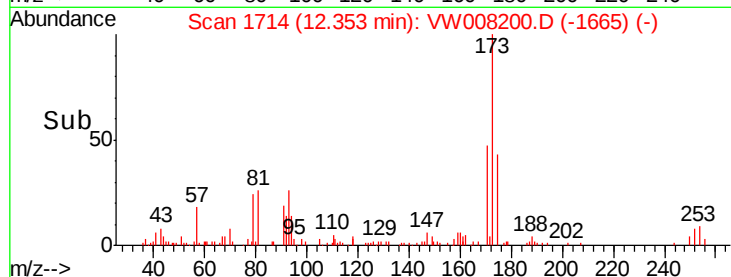
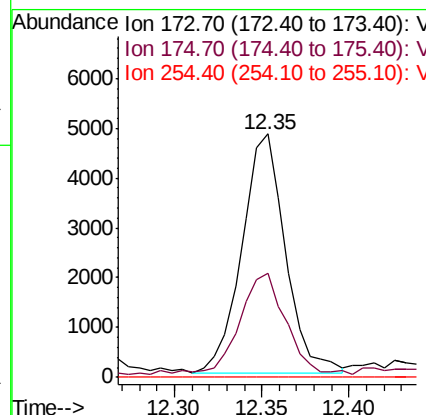
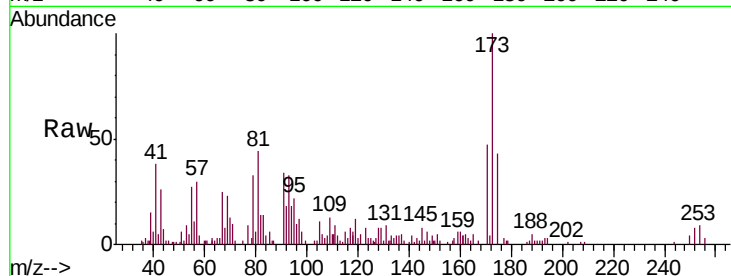




#71
Bromoform
Concen: 79.390 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

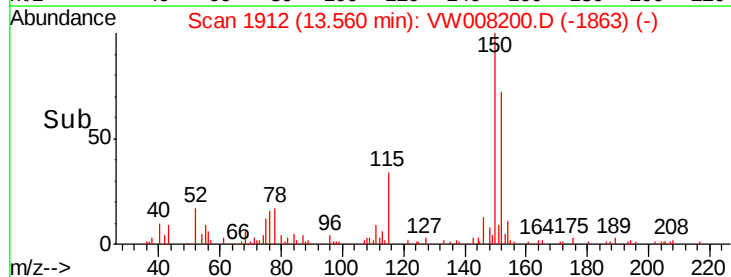
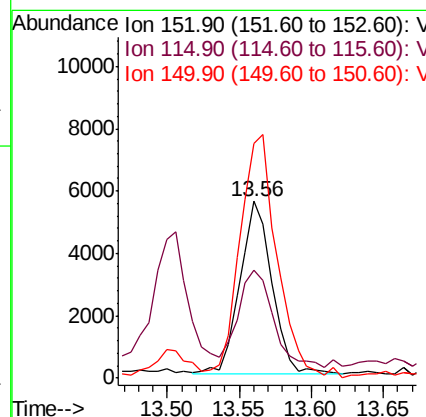
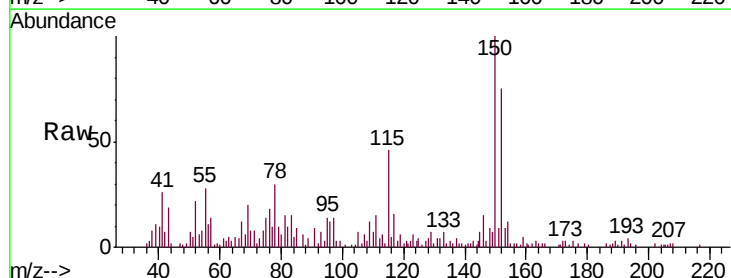
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MS

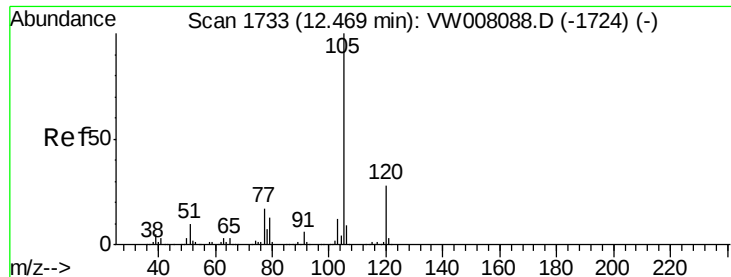
Tgt Ion:173 Resp: 8305
Ion Ratio Lower Upper
173 100
175 50.5 23.3 69.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

Tgt Ion:152 Resp: 8571
Ion Ratio Lower Upper
152 100
115 61.6 30.8 92.4
150 160.1 0.0 350.2





#73

Isopropylbenzene

Concen: 73.195 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Instrument :

MSVOA_W

ClientSampleId :

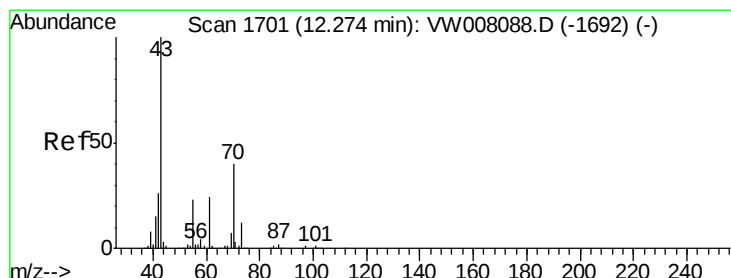
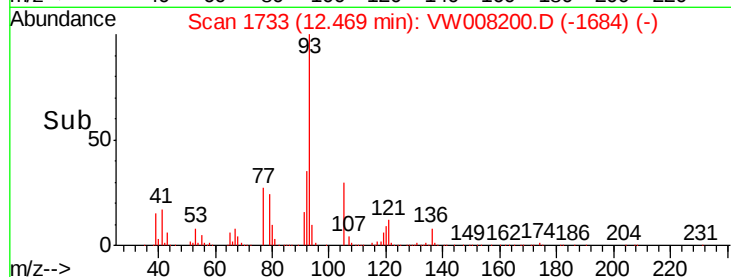
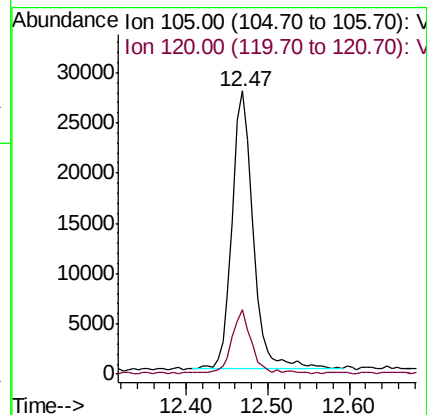
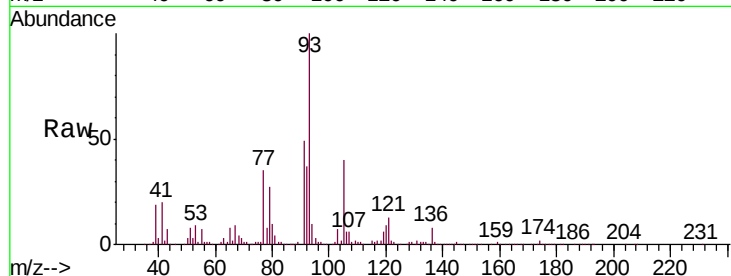
CPSB-07(15-20)MS

Tgt Ion:105 Resp: 49253

Ion Ratio Lower Upper

105 100

120 19.6 13.6 40.8



#74

N-ethyl acetate

Concen: 147.955 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Tgt Ion: 43 Resp: 22048

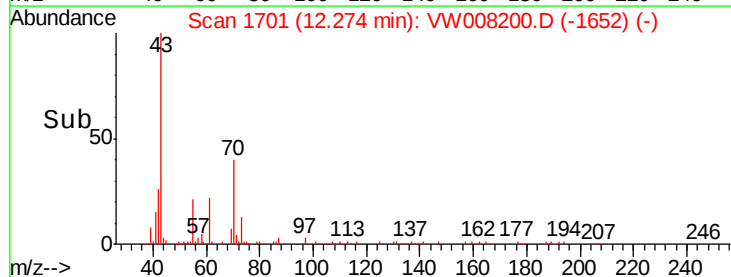
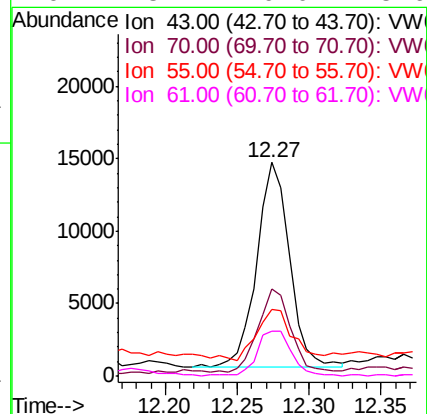
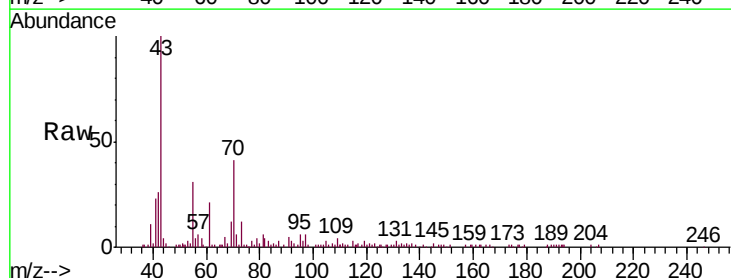
Ion Ratio Lower Upper

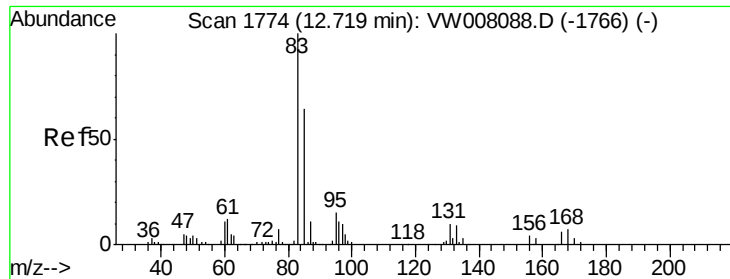
43 100

70 39.8 32.4 48.6

55 27.3 18.7 28.1

61 23.4 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 165.123 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

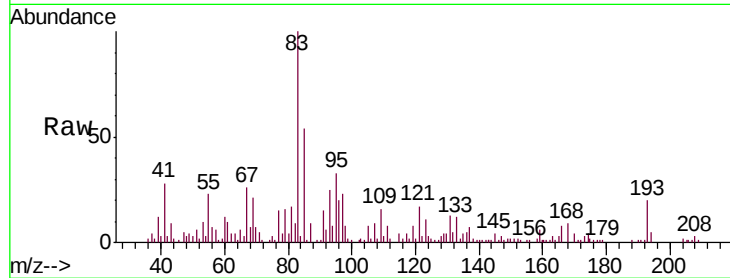
Tgt Ion: 83 Resp: 17785

Ion Ratio Lower Upper

83 100

131 10.5 5.3 16.1

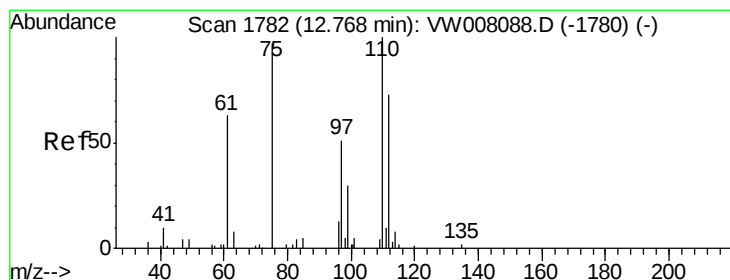
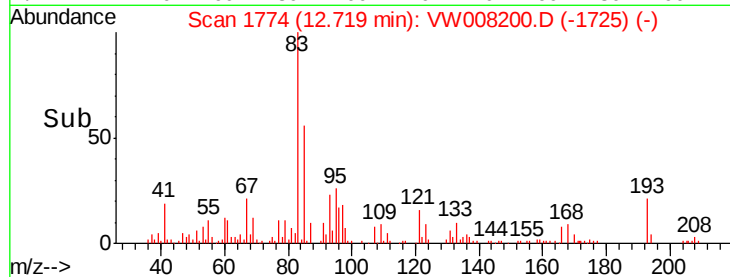
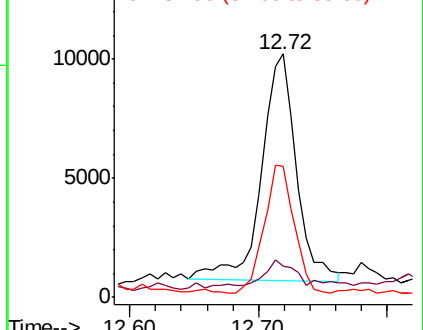
85 49.3 32.4 97.2



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: 233.701 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW008200.D

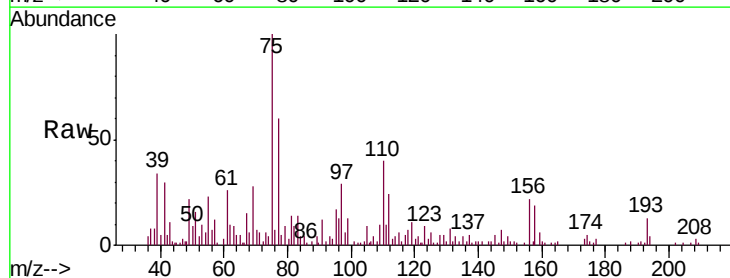
Acq: 11 Jan 2019 17:59

Tgt Ion: 75 Resp: 18260

Ion Ratio Lower Upper

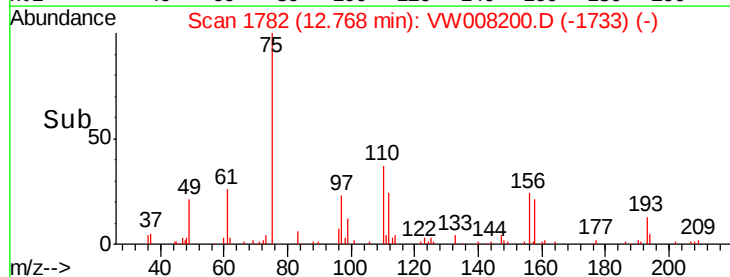
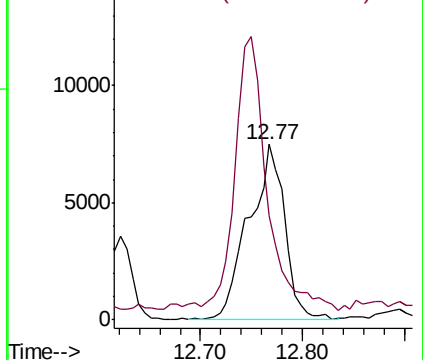
75 100

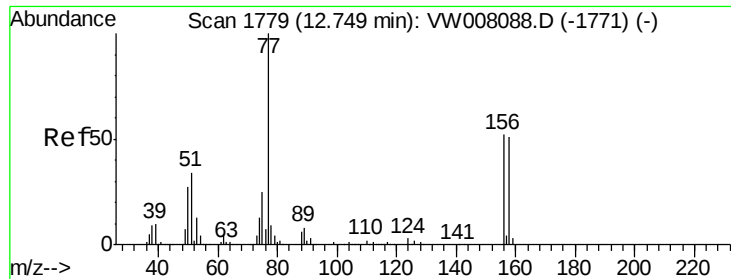
77 140.0 179.4 538.2#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 76.929 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

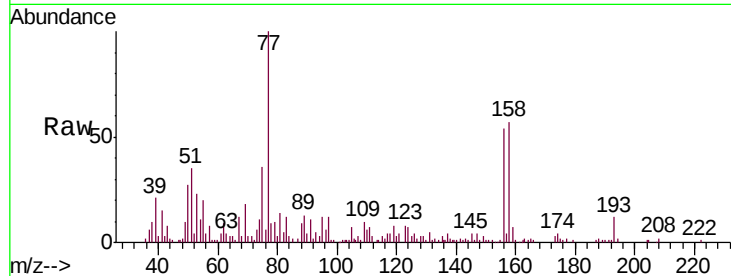
Tgt Ion:156 Resp: 10938

Ion Ratio Lower Upper

156 100

77 233.6 104.2 312.5

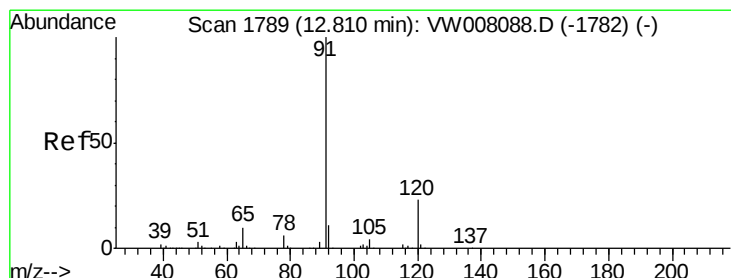
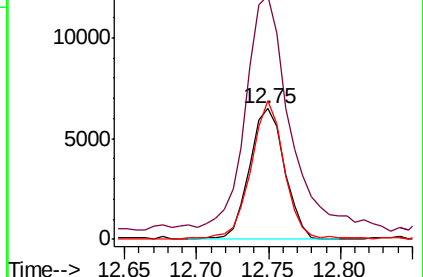
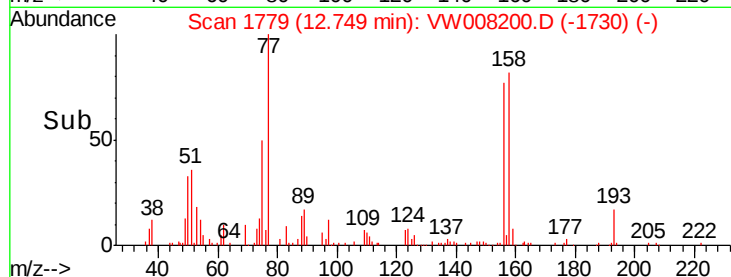
158 101.4 47.9 143.6



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



#78

n-propylbenzene

Concen: 38.568 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW008200.D

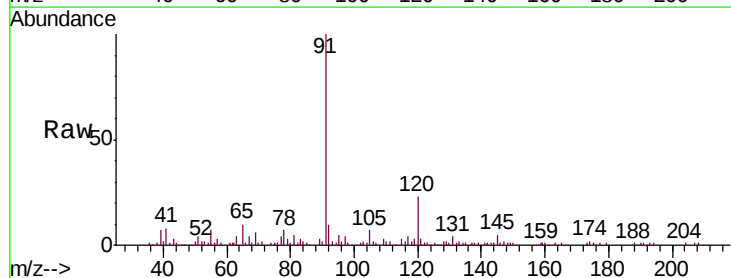
Acq: 11 Jan 2019 17:59

Tgt Ion: 91 Resp: 31799

Ion Ratio Lower Upper

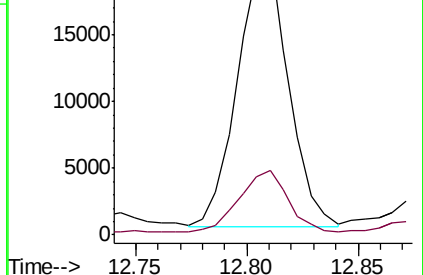
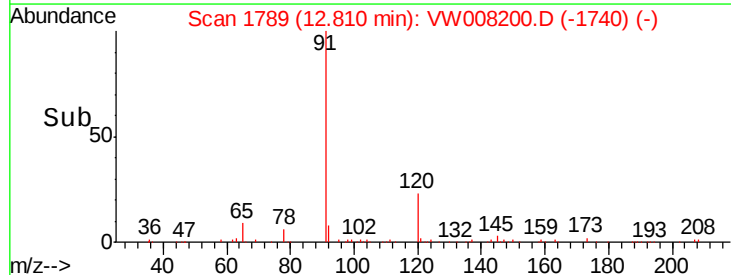
91 100

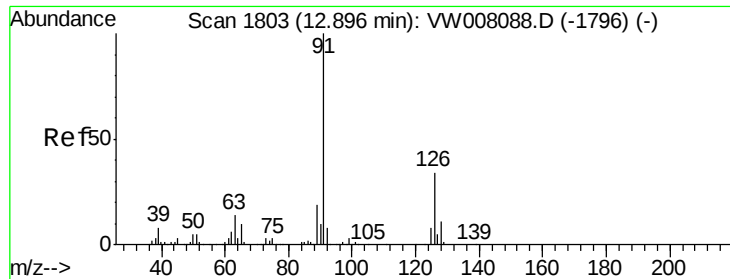
120 21.7 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.497 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Instrument :

MSVOA_W

ClientSampleId :

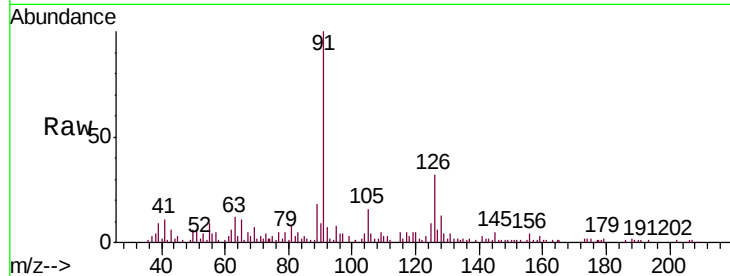
CPSB-07(15-20)MS

Tgt Ion: 91 Resp: 23688

Ion Ratio Lower Upper

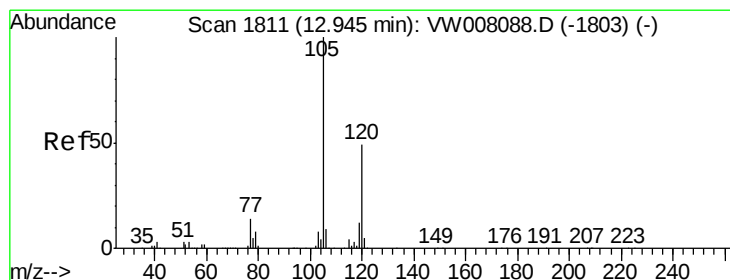
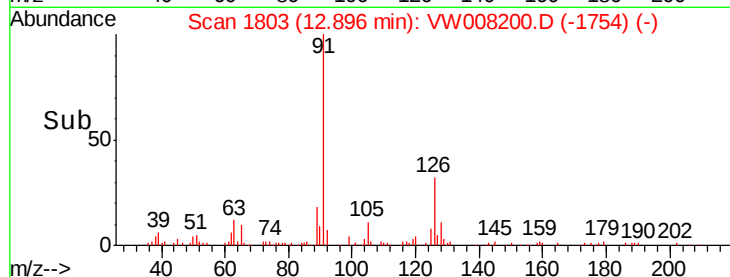
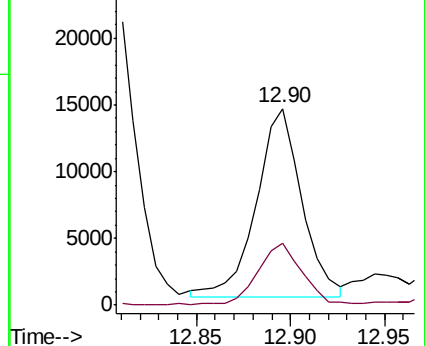
91 100

126 32.4 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: 37.784 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW008200.D

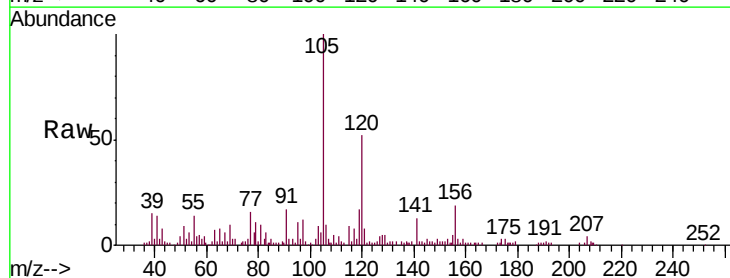
Acq: 11 Jan 2019 17:59

Tgt Ion: 105 Resp: 20893

Ion Ratio Lower Upper

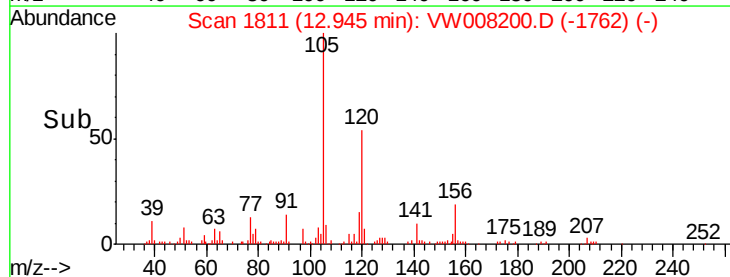
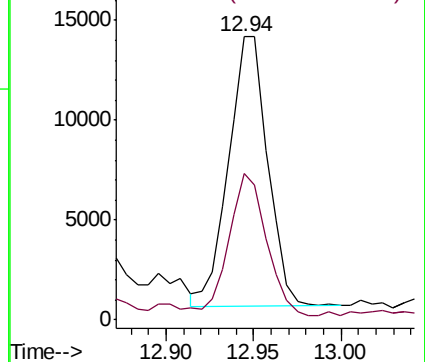
105 100

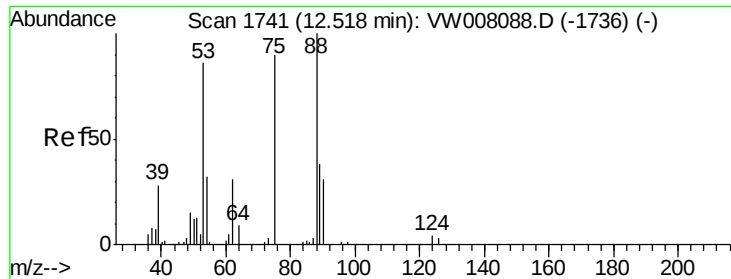
120 50.5 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

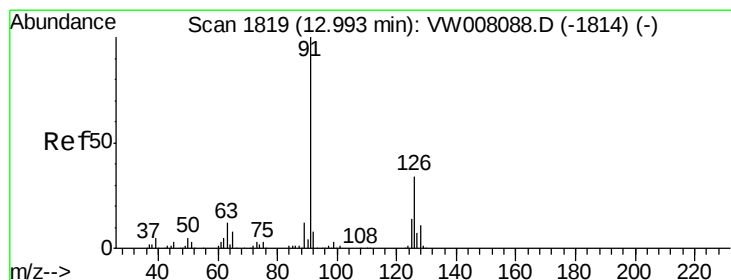
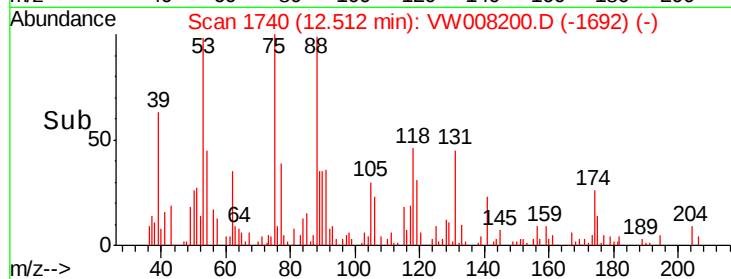
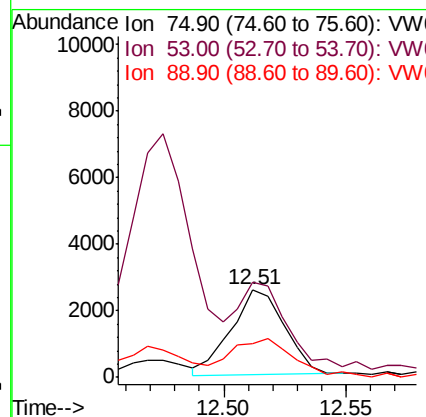
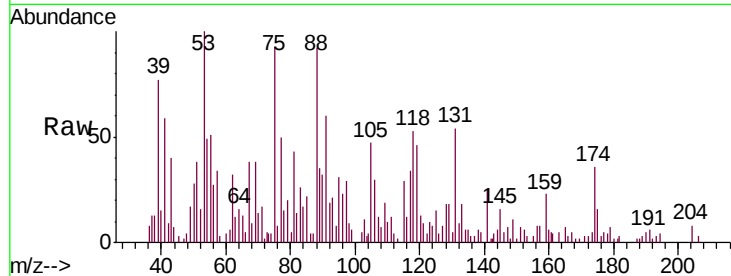




#81
trans-1,4-Dichloro-2-butene
Concen: 116.116 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

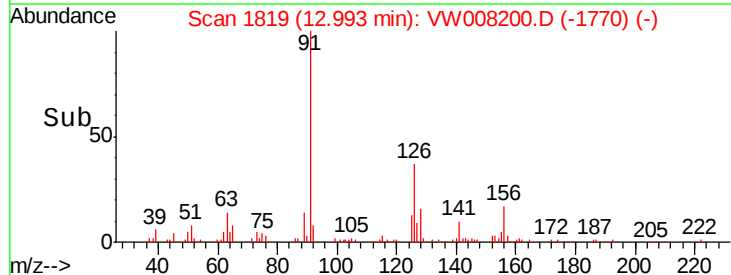
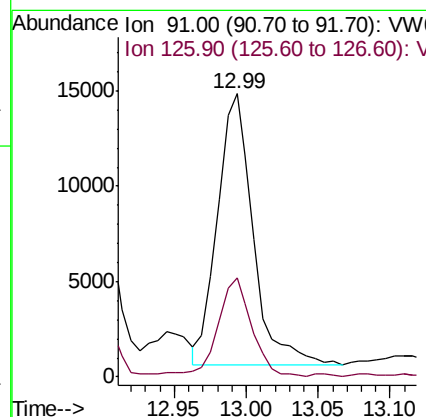
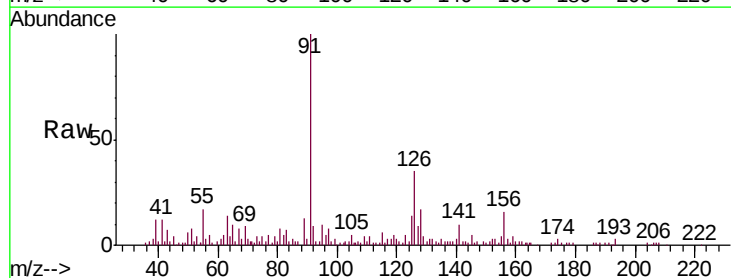
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MS

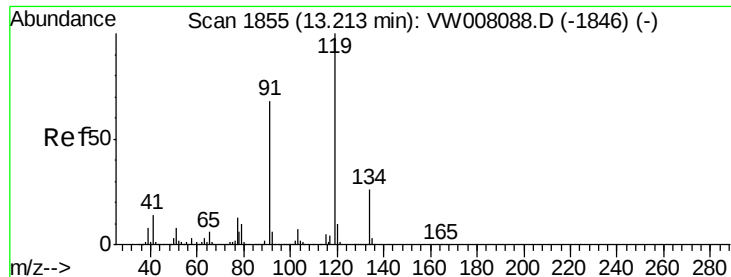
Tgt Ion: 75 Resp: 3896
Ion Ratio Lower Upper
75 100
53 95.8 78.8 118.2
89 53.7 35.4 53.2#



#82
4-Chlorotoluene
Concen: 50.586 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

Tgt Ion: 91 Resp: 24507
Ion Ratio Lower Upper
91 100
126 35.8 16.5 49.5

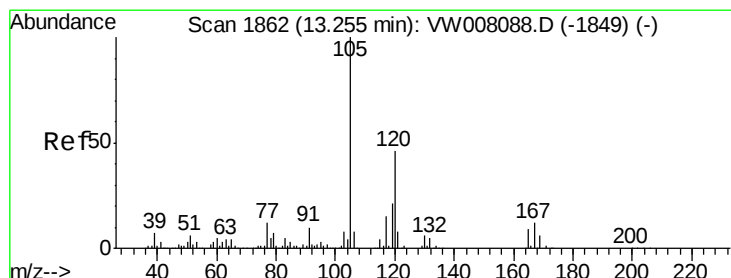
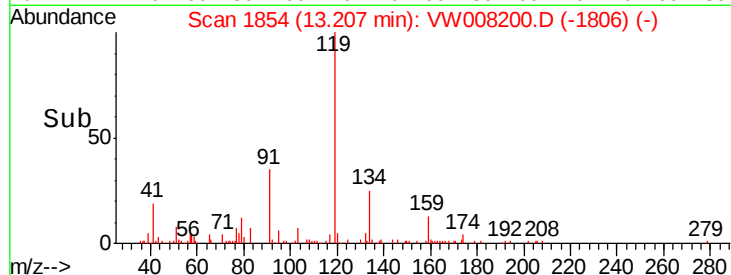
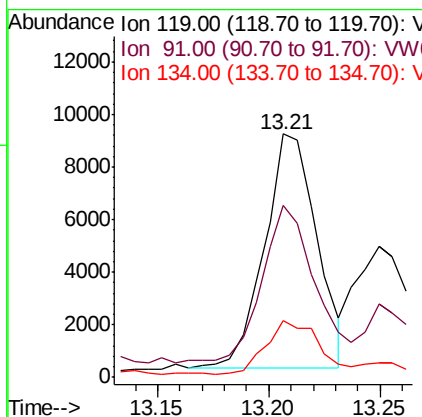
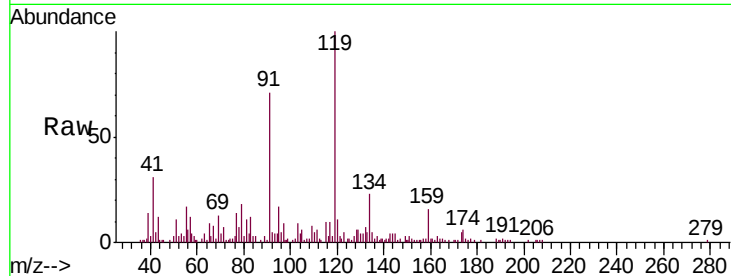




#83
 tert-Butylbenzene
 Concen: 29.714 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: VW008200.D
 Acq: 11 Jan 2019 17:59

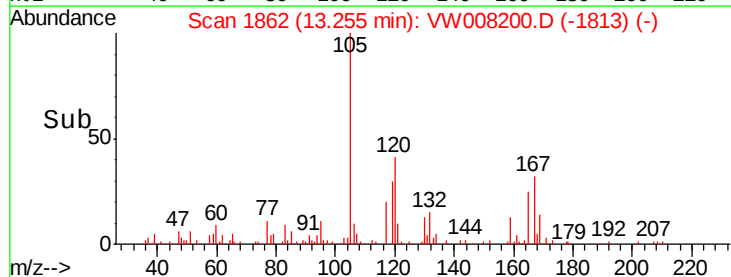
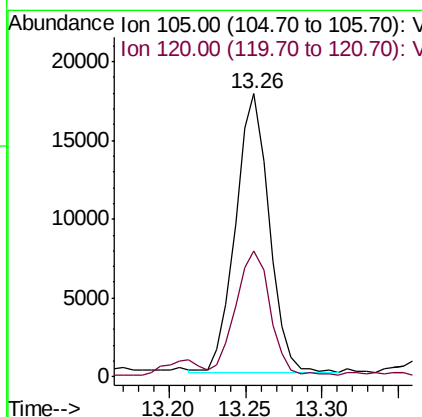
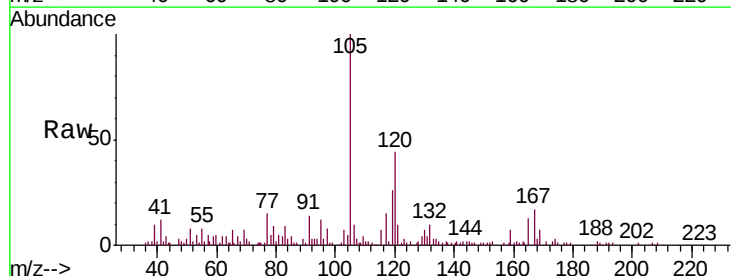
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)MS

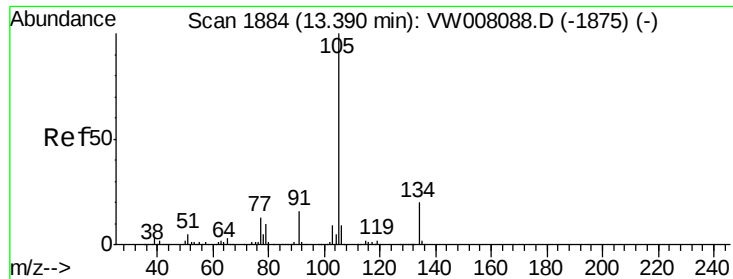
Tgt Ion:119 Resp: 14536
 Ion Ratio Lower Upper
 119 100
 91 65.5 33.9 101.6
 134 23.3 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 47.079 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW008200.D
 Acq: 11 Jan 2019 17:59

Tgt Ion:105 Resp: 26850
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.7 68.1

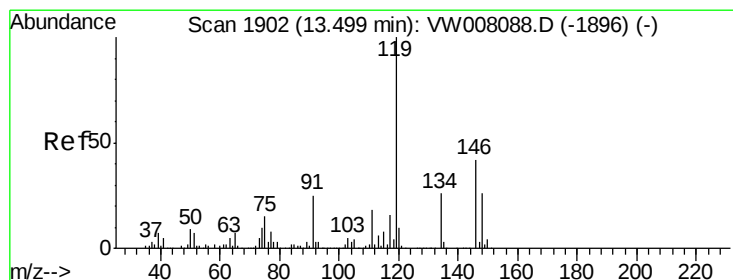
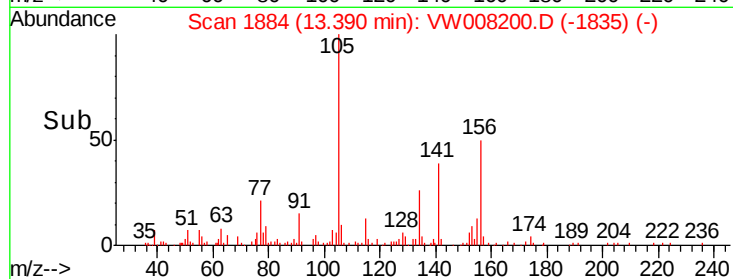
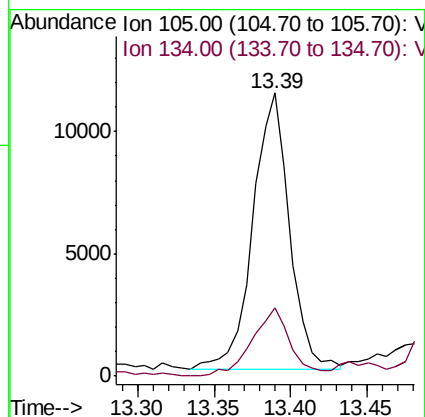
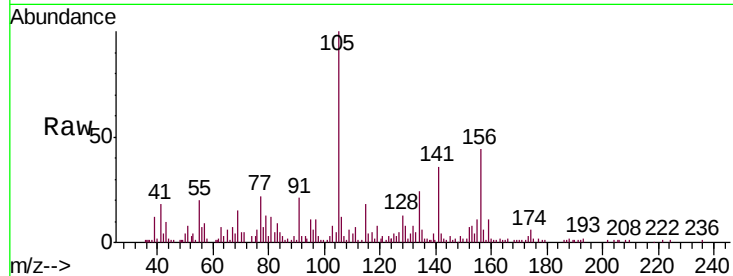




#85
 sec-Butylbenzene
 Concen: 26.083 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW008200.D
 Acq: 11 Jan 2019 17:59

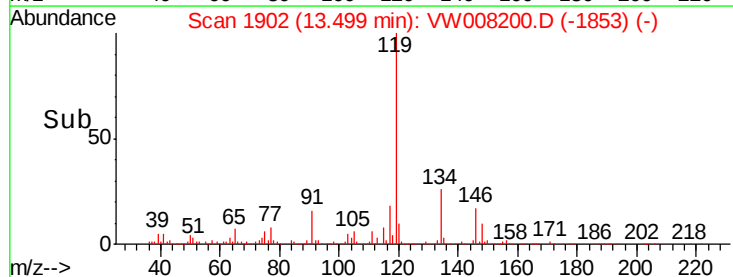
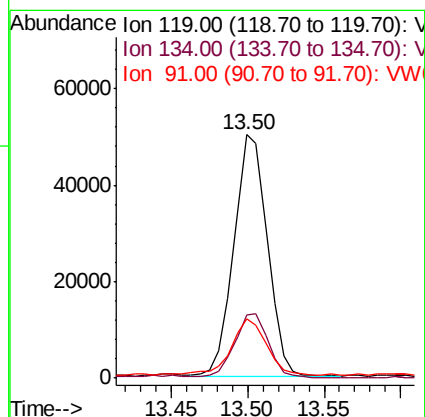
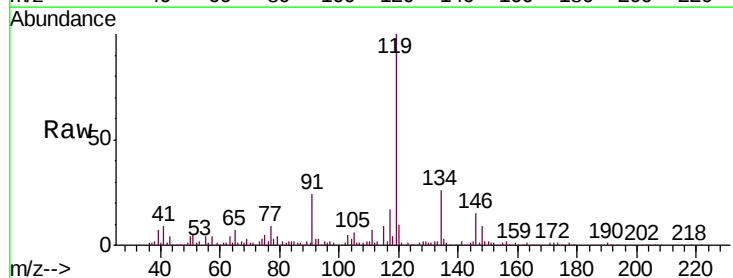
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)MS

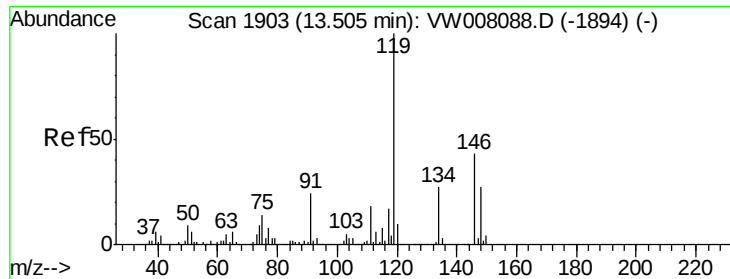
Tgt Ion:105 Resp: 18691
 Ion Ratio Lower Upper
 105 100
 134 26.1 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 122.160 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW008200.D
 Acq: 11 Jan 2019 17:59

Tgt Ion:119 Resp: 75595
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.3 39.8
 91 24.5 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 44.955 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

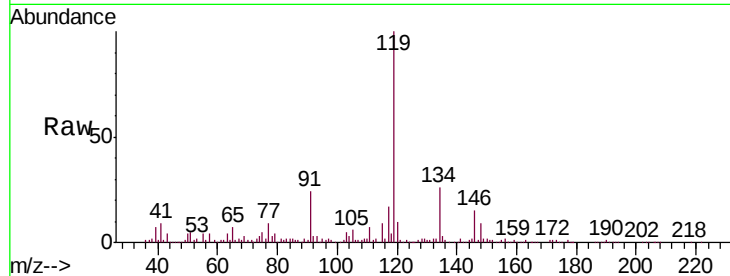
Tgt Ion:146 Resp: 12966

Ion Ratio Lower Upper

146 100

111 42.7 21.1 63.1

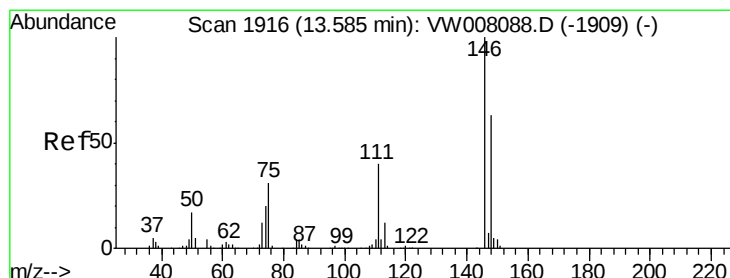
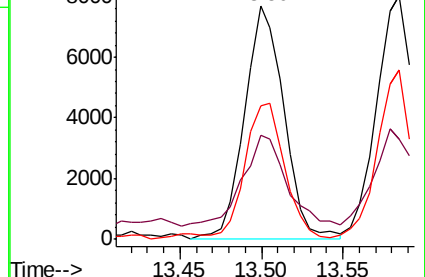
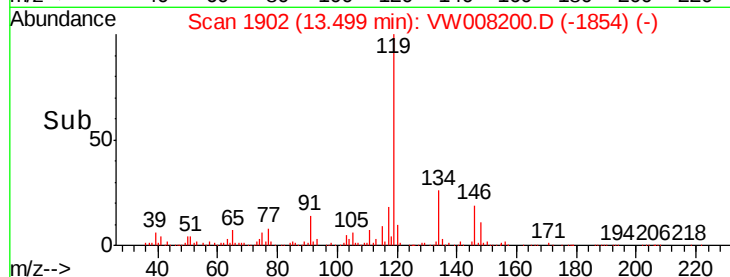
148 58.6 31.3 93.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 42.917 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

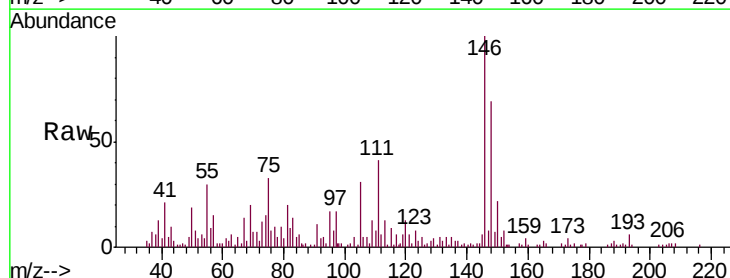
Tgt Ion:146 Resp: 12419

Ion Ratio Lower Upper

146 100

111 43.2 20.5 61.5

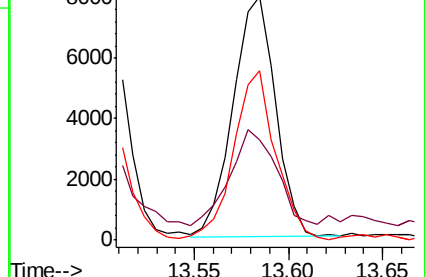
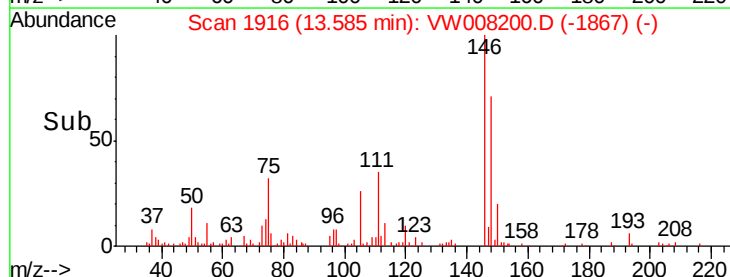
148 69.8 31.6 94.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 20.819 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

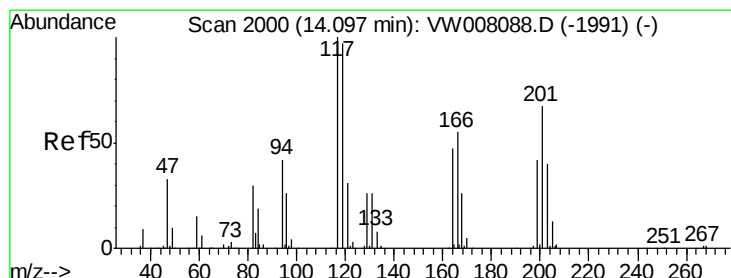
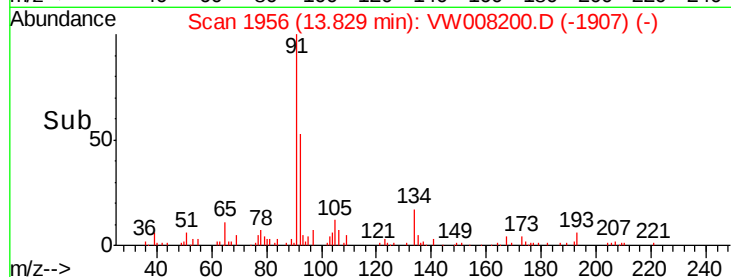
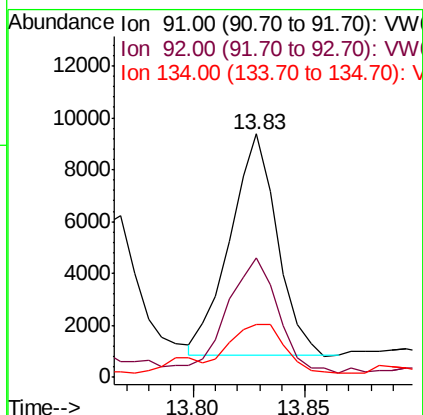
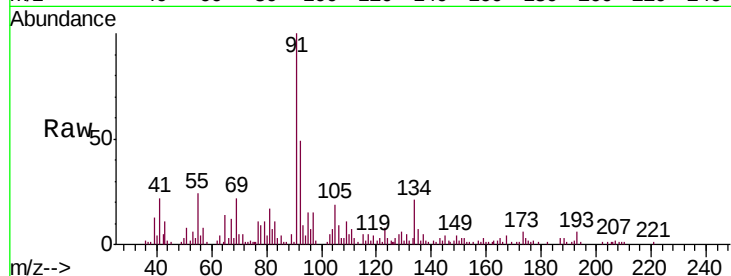
Tgt Ion: 91 Resp: 12618

Ion Ratio Lower Upper

91 100

92 55.7 27.4 82.2

134 31.5 12.6 37.8



#90

Hexachloroethane

Concen: 31.964 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW008200.D

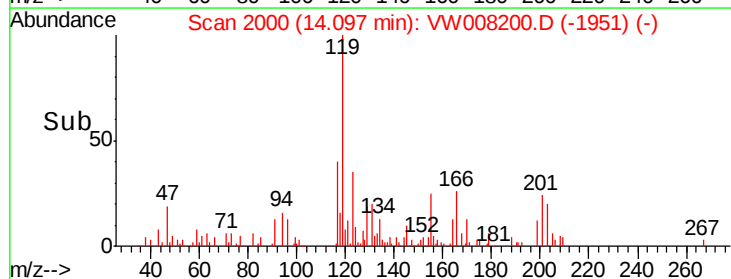
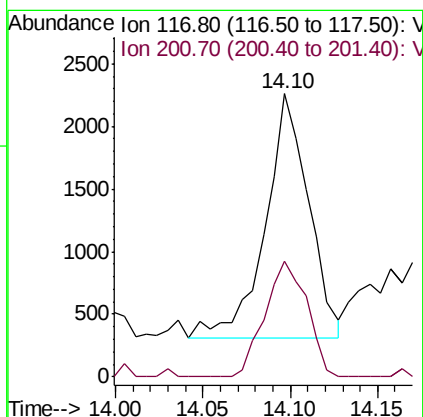
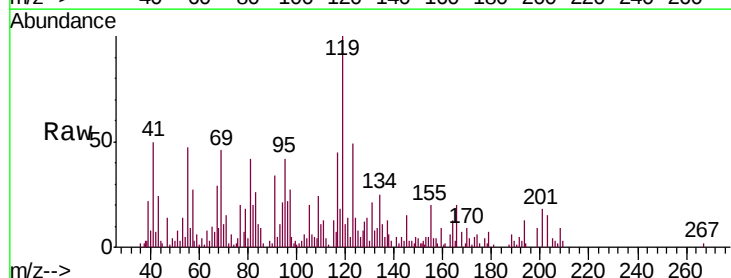
Acq: 11 Jan 2019 17:59

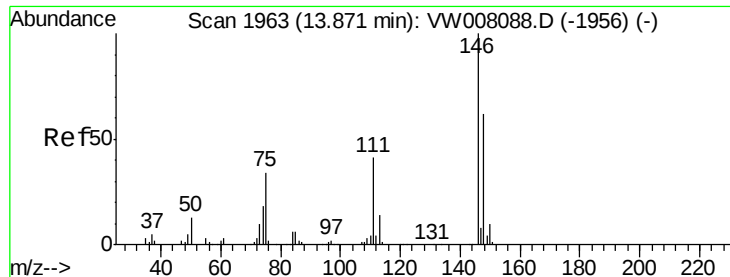
Tgt Ion: 117 Resp: 3341

Ion Ratio Lower Upper

117 100

201 46.3 33.0 98.9

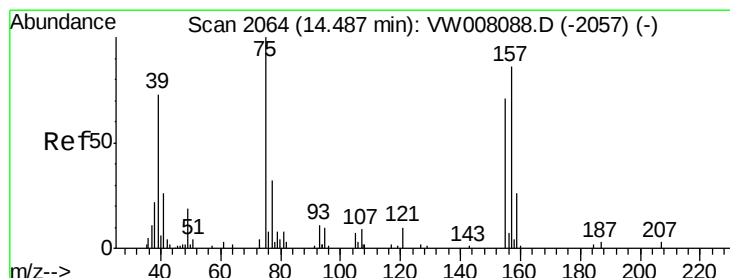
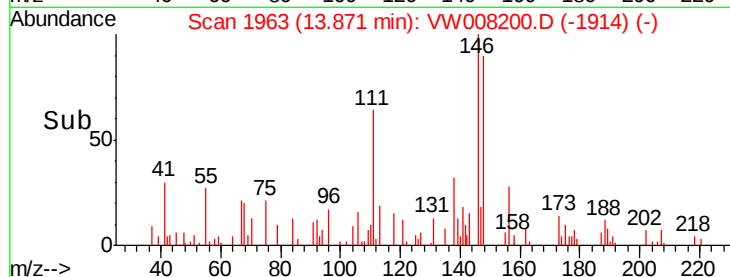
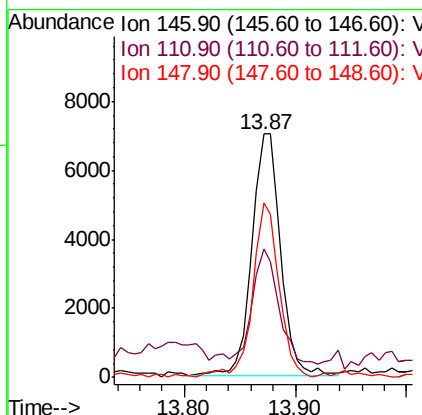
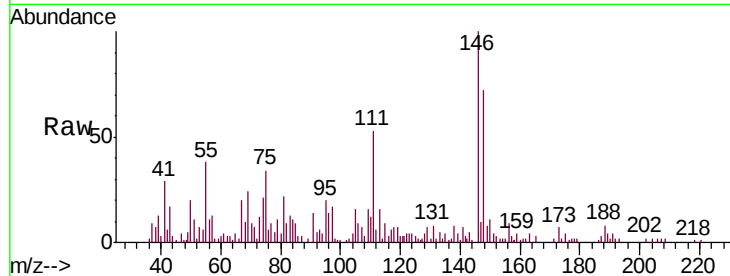




#91
 1,2-Dichlorobenzene
 Concen: 50.004 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW008200.D
 Acq: 11 Jan 2019 17:59

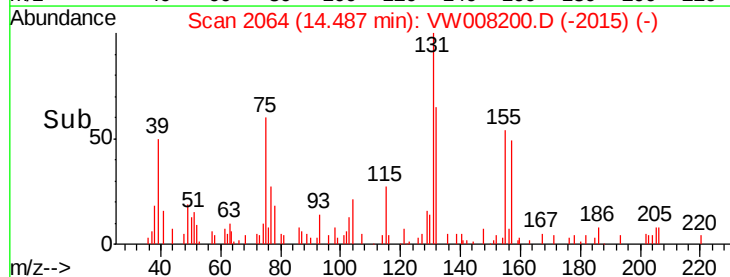
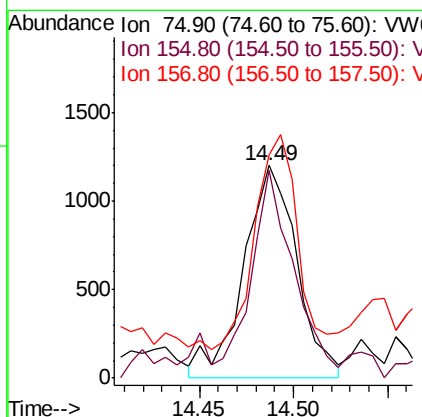
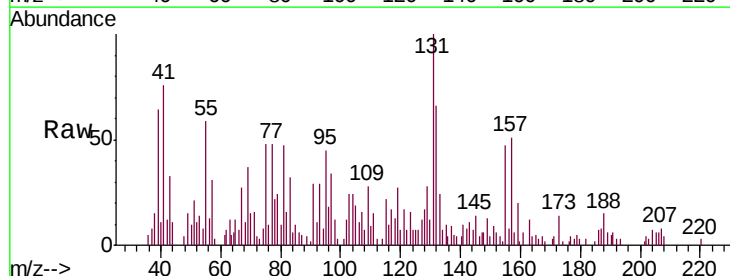
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)MS

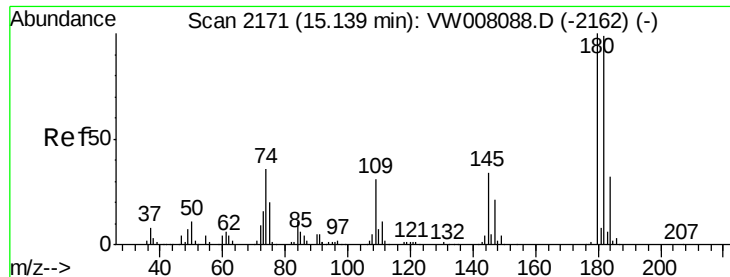
Tgt Ion:146 Resp: 12675
 Ion Ratio Lower Upper
 146 100
 111 43.7 21.3 63.7
 148 65.9 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 135.517 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW008200.D
 Acq: 11 Jan 2019 17:59

Tgt Ion: 75 Resp: 2349
 Ion Ratio Lower Upper
 75 100
 155 78.9 38.6 115.7
 157 79.0 47.5 142.6

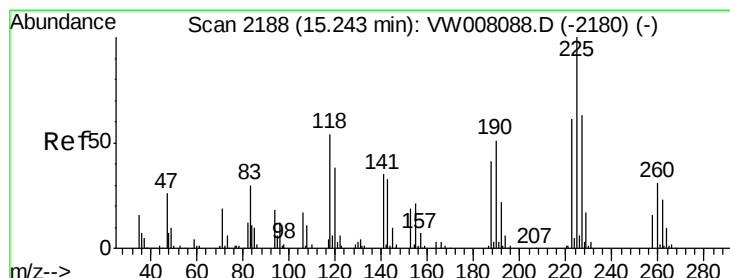
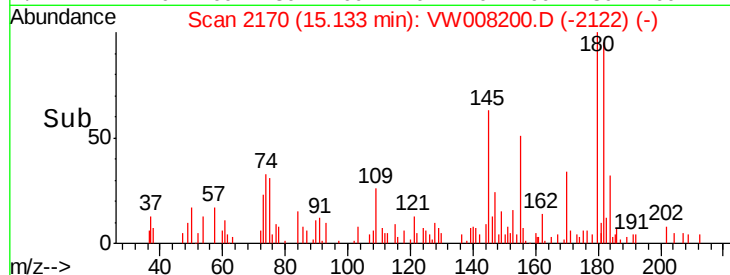
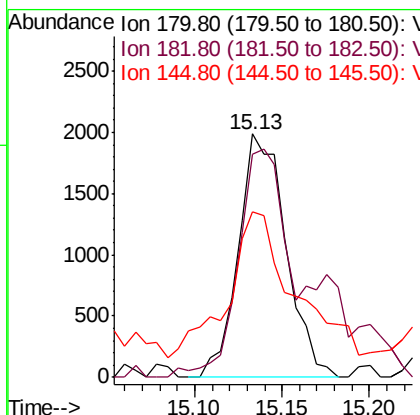
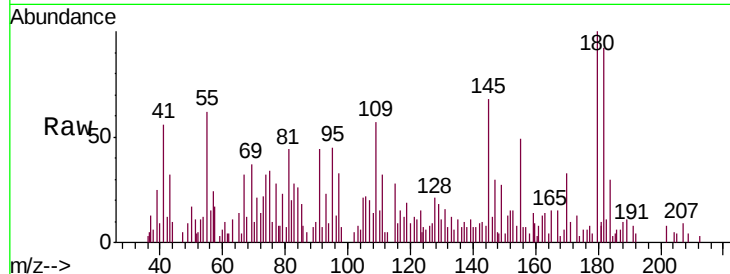




#93
 1,2,4-Trichlorobenzene
 Concen: 22.283 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: VW008200.D
 Acq: 11 Jan 2019 17:59

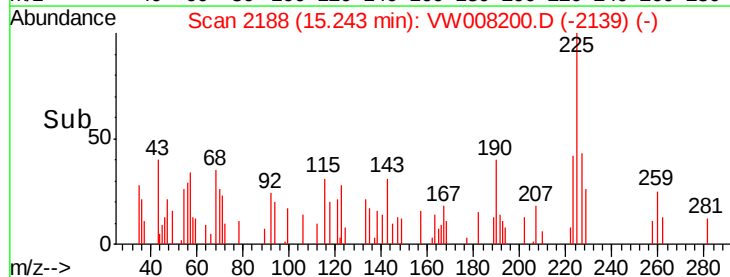
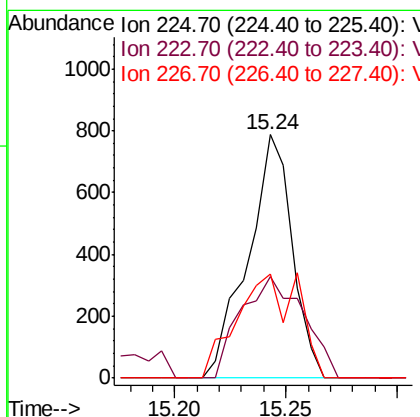
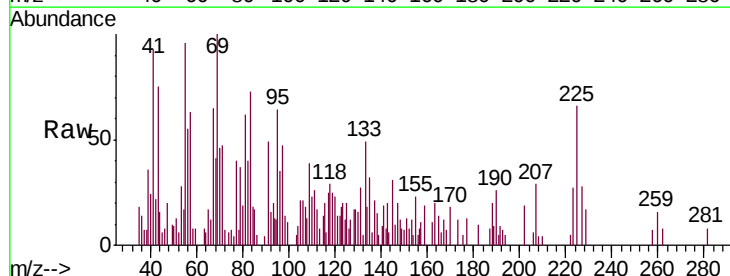
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)MS

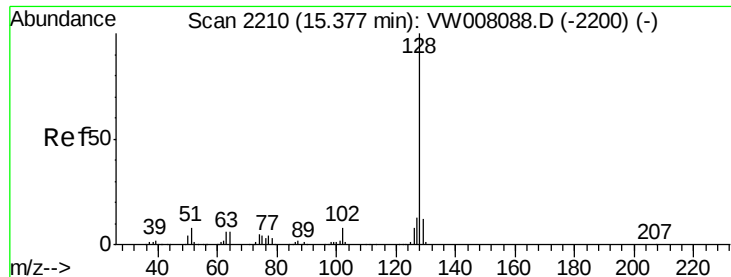
Tgt Ion:180 Resp: 3750
 Ion Ratio Lower Upper
 180 100
 182 106.4 48.6 145.9
 145 84.3 16.6 49.7#



#94
 Hexachlorobutadiene
 Concen: 12.090 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW008200.D
 Acq: 11 Jan 2019 17:59

Tgt Ion:225 Resp: 1089
 Ion Ratio Lower Upper
 225 100
 223 58.7 31.4 94.3
 227 58.9 32.0 96.2

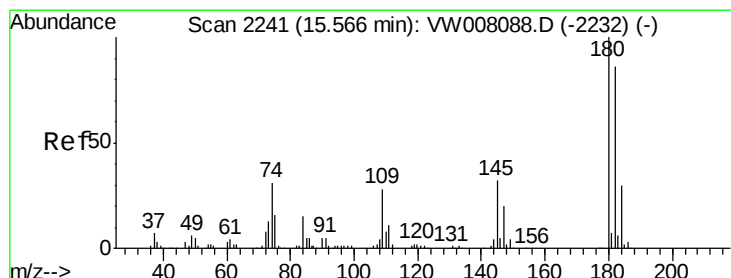
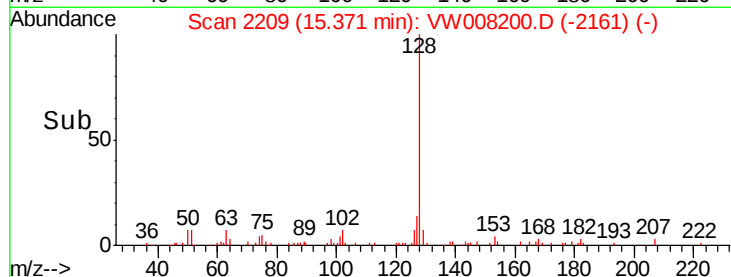
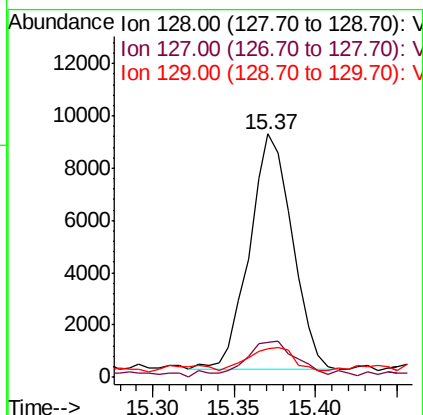
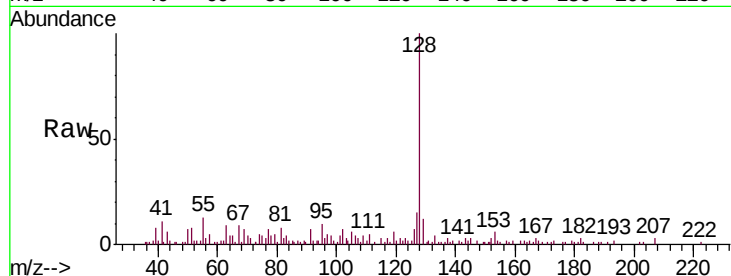




#95
Naphthalene
Concen: 52.213 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

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

Tgt Ion:128 Resp: 16407
Ion Ratio Lower Upper
128 100
127 19.2 11.0 16.4#
129 11.1 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 23.651 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

Tgt Ion:180 Resp: 3393
Ion Ratio Lower Upper
180 100
182 86.5 46.5 139.3
145 68.5 17.4 52.2#

