

Data File : VW008196.D
Acq On : 11 Jan 2019 16:13
Operator : SY/VA
Sample : K1088-01RE
Misc : 5.02G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Jan 12 00:10:34 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	96622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	171857	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	155230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	70772	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	57668	53.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.20%	
35) Dibromofluoromethane	7.88	113	55132	55.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.00%	
50) Toluene-d8	10.32	98	218311	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	
62) 4-Bromofluorobenzene	12.62	95	73386	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	

Target Compounds

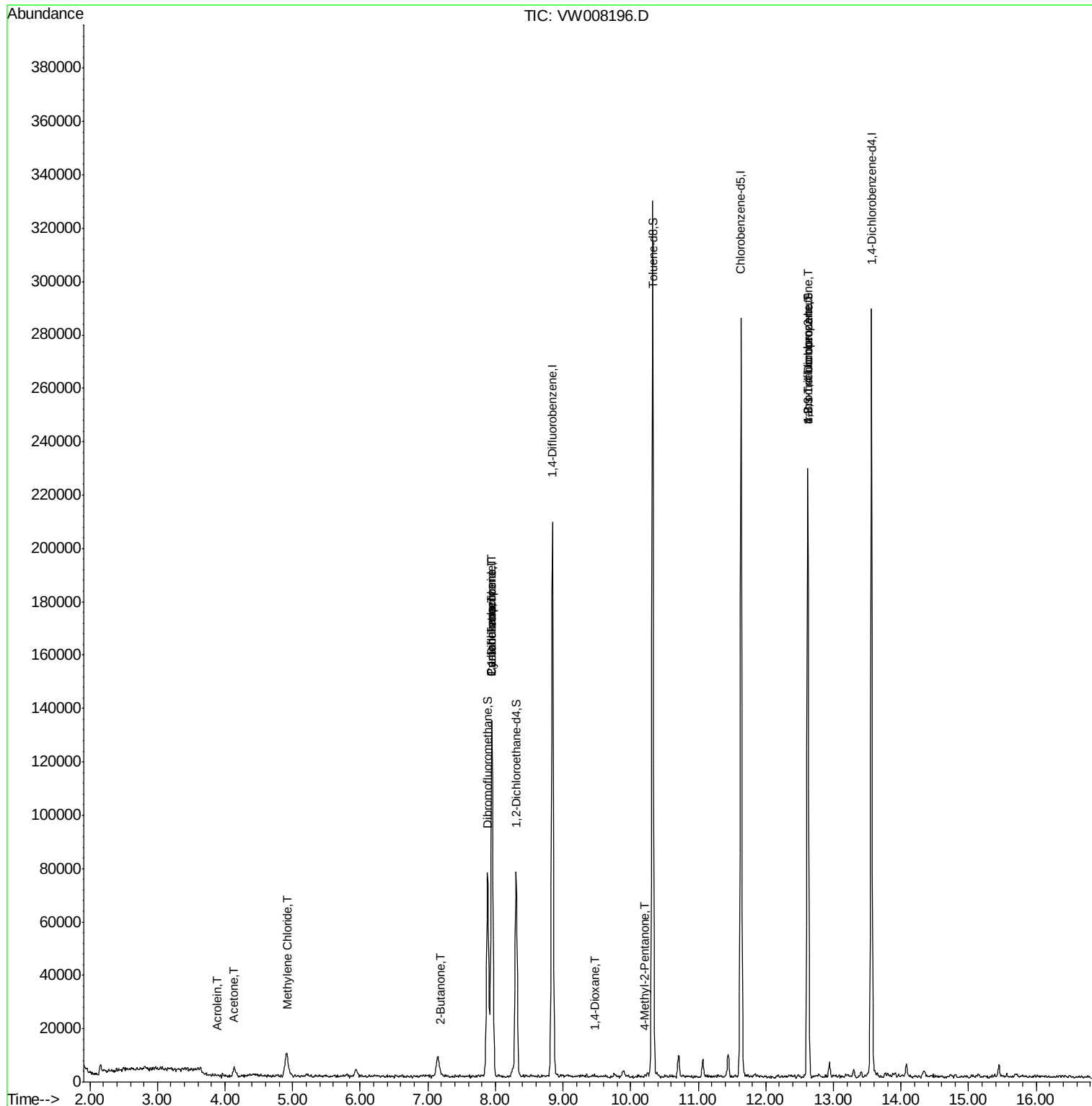
						Qvalue
11) Tert butyl alcohol	5.26	59	39	Below Cal	#	100
13) Acrolein	3.89	56	213	1.458	ug/l #	39
16) Acetone	4.14	43	5264	6.355	ug/l	97
20) Methylene Chloride	4.92	84	6941	1.863	ug/l	93
25) 2-Butanone	7.19	43	1074	3.555	ug/l #	84
31) Cyclohexane	7.95	56	2412	1.055	ug/l #	9
36) 1,1-Dichloropropene	7.95	75	8382	4.735	ug/l #	51
38) Carbon Tetrachloride	7.95	117	10094	6.230	ug/l #	17
49) 1,4-Dioxane	9.48	88	45	4.786	ug/l #	4
51) 4-Methyl-2-Pentanone	10.21	43	738	1.075	ug/l	88
76) 1,2,3-Trichloropropane	12.62	75	35336	54.771	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	35336	127.544	ug/l #	10

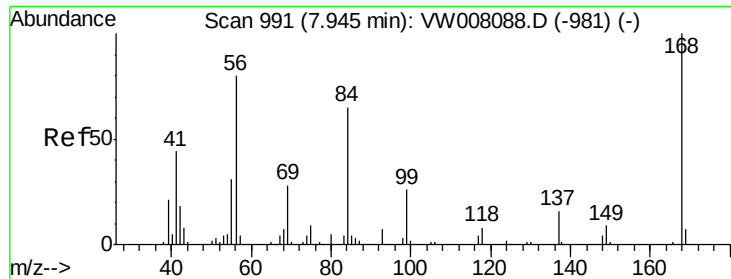
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW008196.D
Acq On : 11 Jan 2019 16:13
Operator : SY/VA
Sample : K1088-01RE
Misc : 5.02G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Jan 12 00:10:34 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008196.D

Acq: 11 Jan 2019 16:13

Instrument :

MSVOA_W

ClientSampleId :

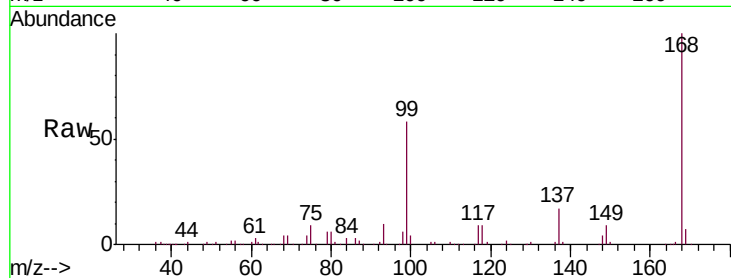
CPSB-07(15-20)

Tgt Ion:168 Resp: 96622

Ion Ratio Lower Upper

168 100

99 57.7 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

50000

40000

30000

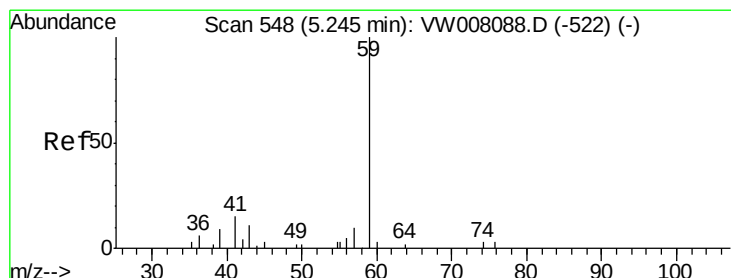
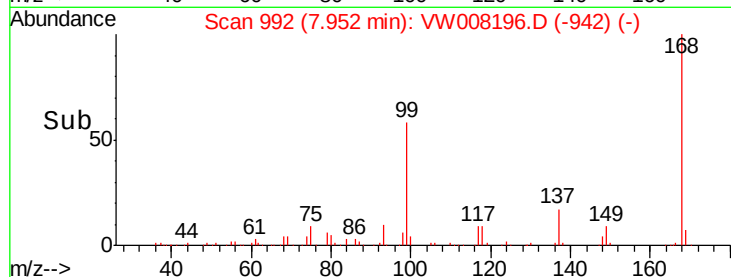
20000

10000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.26 min Scan# 550

Delta R.T. 0.01 min

Lab File: VW008196.D

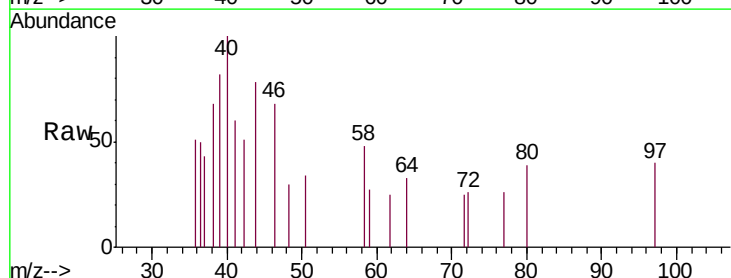
Acq: 11 Jan 2019 16:13

Tgt Ion: 59 Resp: 39

Ion Ratio Lower Upper

59 100

57 0.0 0.0 0.0



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

100

80

60

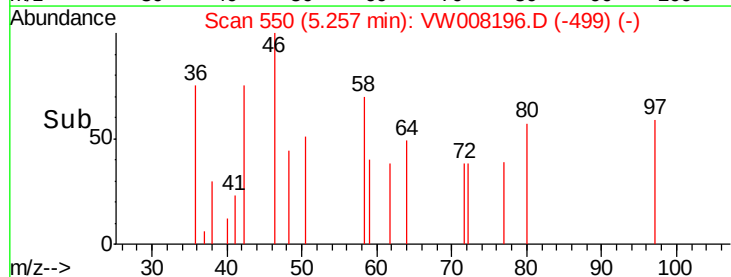
40

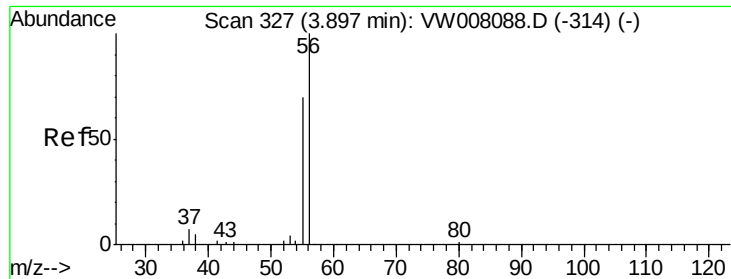
20

0

Time-->

5.24 5.25 5.26





#13

Acrolein

Concen: 1.458 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW008196.D

Acq: 11 Jan 2019 16:13

Instrument :

MSVOA_W

ClientSampleId :

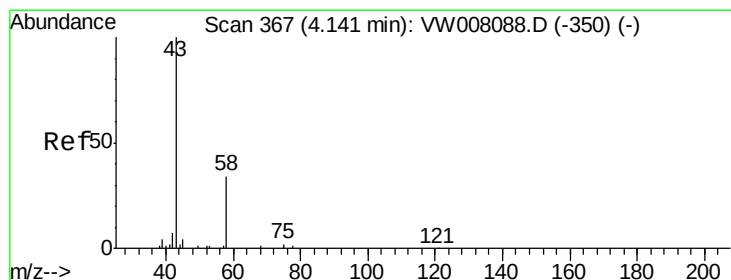
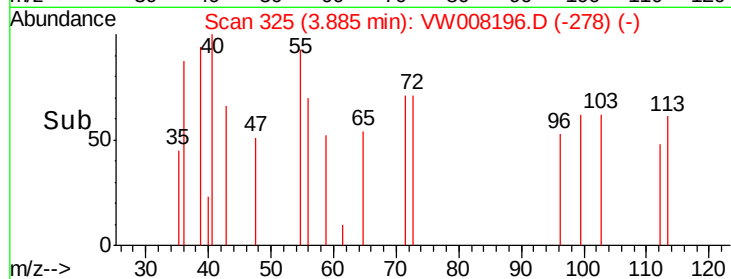
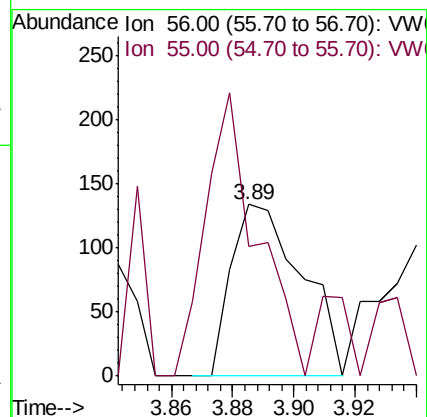
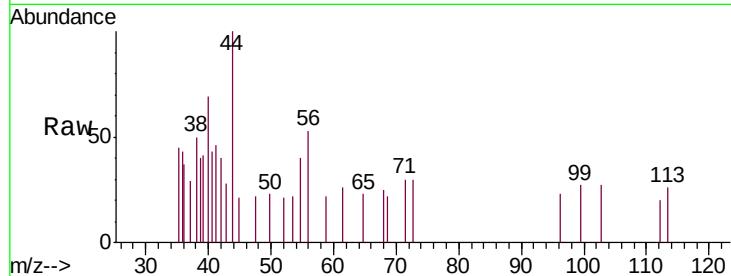
CPSB-07(15-20)

Tgt Ion: 56 Resp: 213

Ion Ratio Lower Upper

56 100

55 120.7 56.6 84.8#



#16

Acetone

Concen: 6.355 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW008196.D

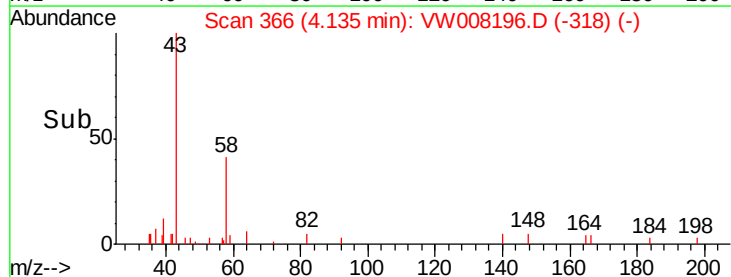
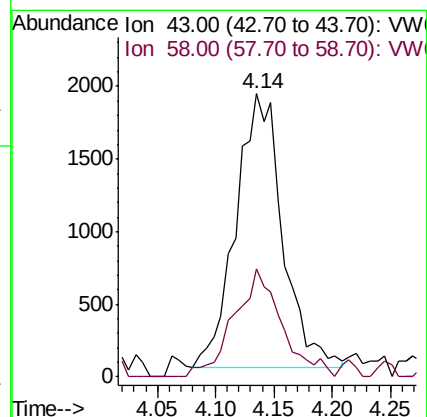
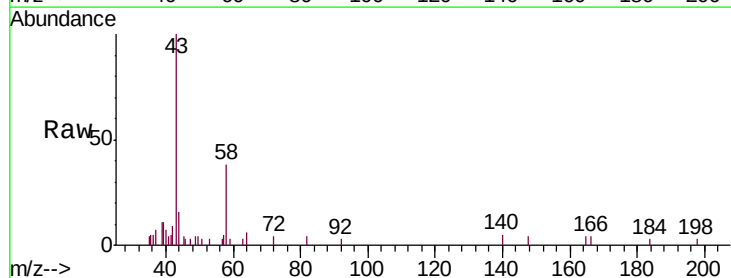
Acq: 11 Jan 2019 16:13

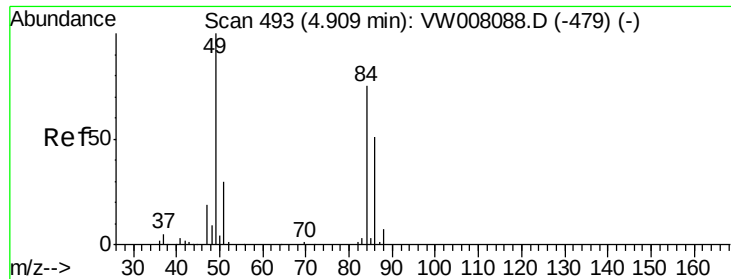
Tgt Ion: 43 Resp: 5264

Ion Ratio Lower Upper

43 100

58 36.1 27.5 41.3

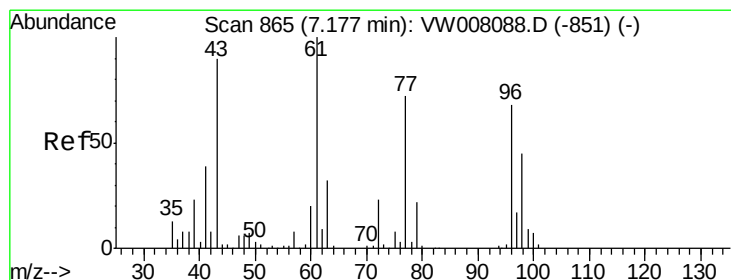
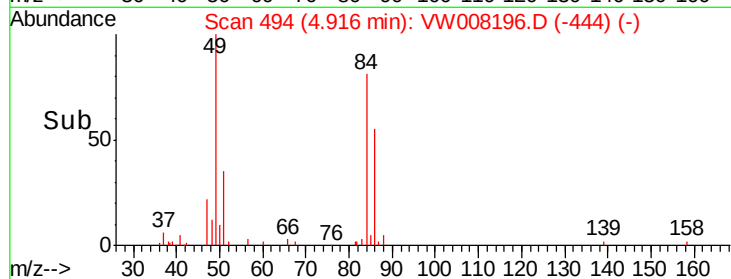
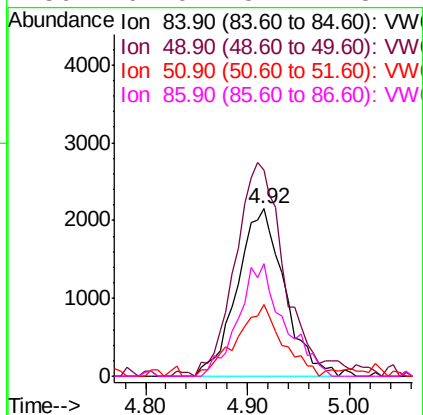
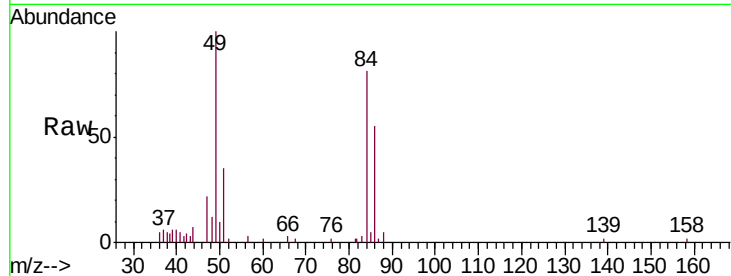




#20
Methylene Chloride
Concen: 1.863 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW008196.D
Acq: 11 Jan 2019 16:13

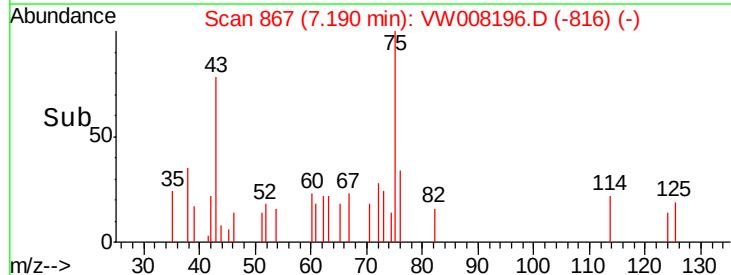
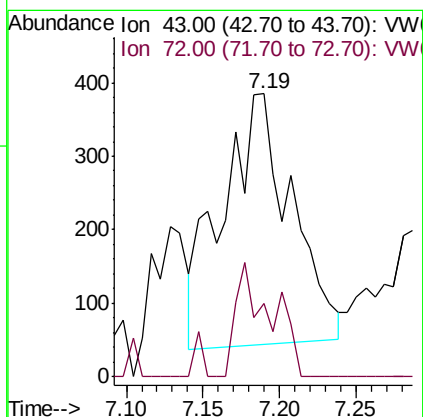
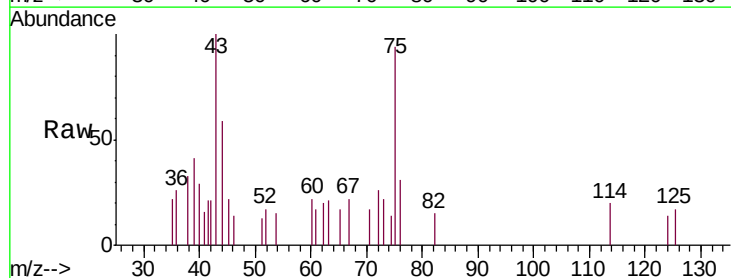
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)

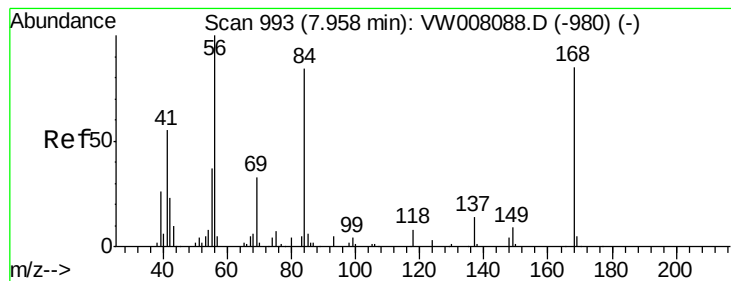
Tgt Ion:	84	Resp:	6941
Ion	Ratio	Lower	Upper
84	100		
49	120.5	107.1	160.7
51	42.6	32.4	48.6
86	67.0	54.2	81.4



#25
2-Butanone
Concen: 3.555 ug/l
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: VW008196.D
Acq: 11 Jan 2019 16:13

Tgt Ion:	43	Resp:	1074
Ion	Ratio	Lower	Upper
43	100		
72	33.6	20.5	30.7#





#31

Cyclohexane

Concen: 1.055 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008196.D

Acq: 11 Jan 2019 16:13

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)

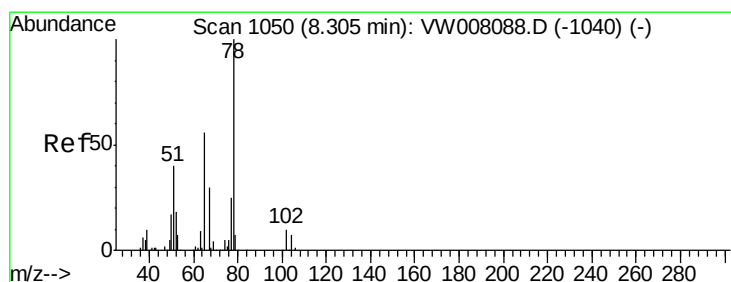
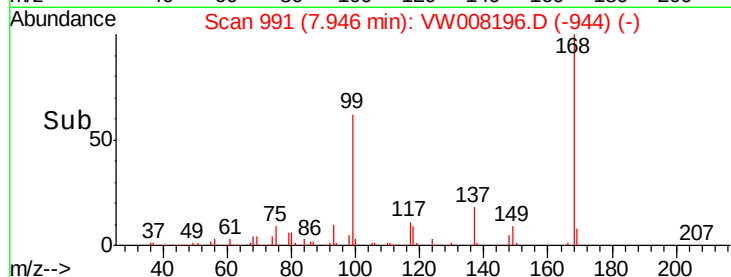
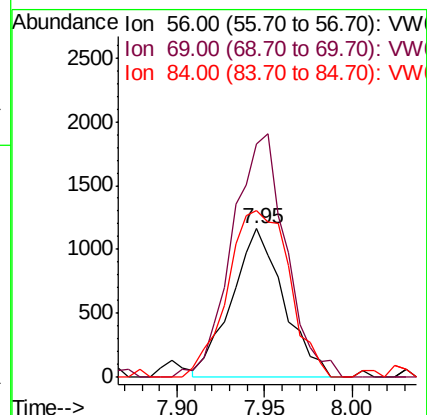
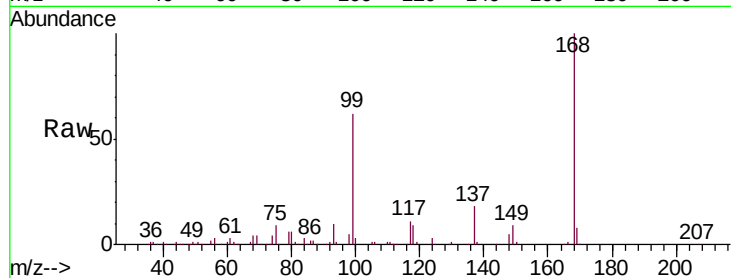
Tgt Ion: 56 Resp: 2412

Ion Ratio Lower Upper

56 100

69 157.5 26.2 39.4#

84 120.5 67.4 101.2#



#33

1,2-Dichloroethane-d4

Concen: 53.104 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008196.D

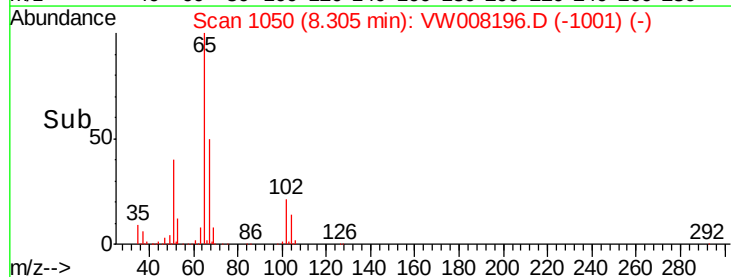
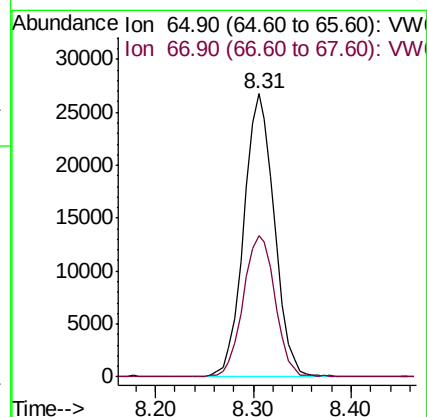
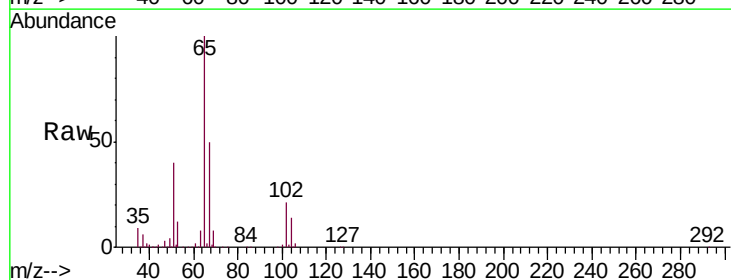
Acq: 11 Jan 2019 16:13

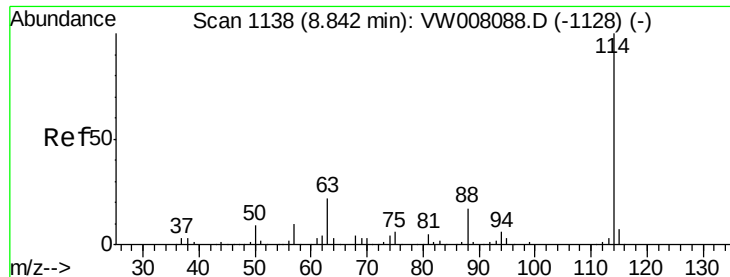
Tgt Ion: 65 Resp: 57668

Ion Ratio Lower Upper

65 100

67 52.3 0.0 106.8

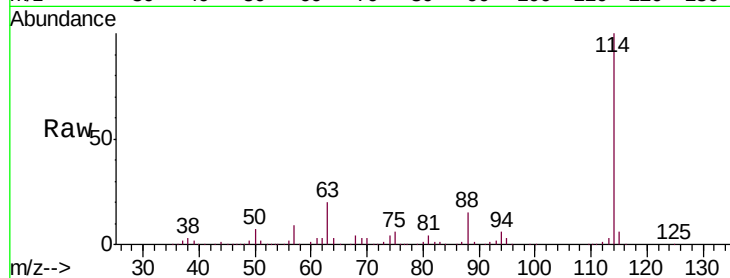




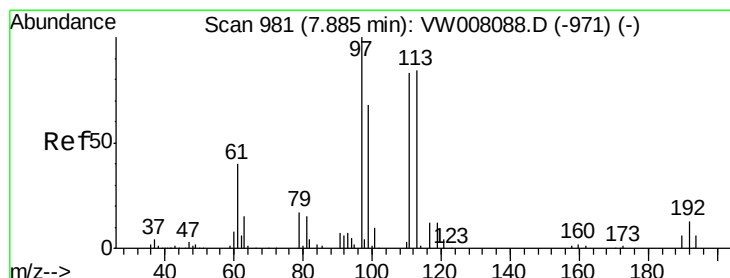
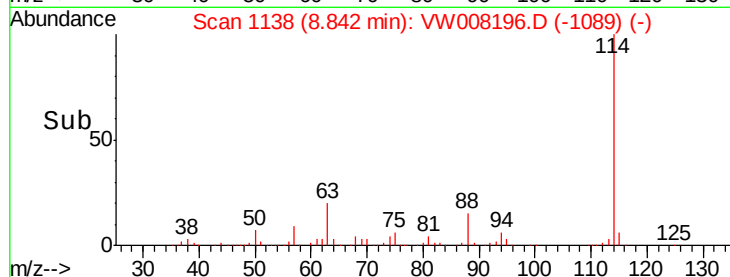
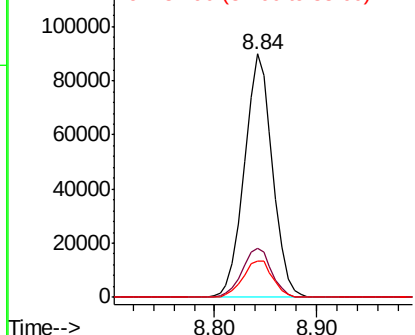
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008196.D
 Acq: 11 Jan 2019 16:13

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

Tgt Ion:114 Resp: 171857
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 43.4
 88 15.0 0.0 33.4

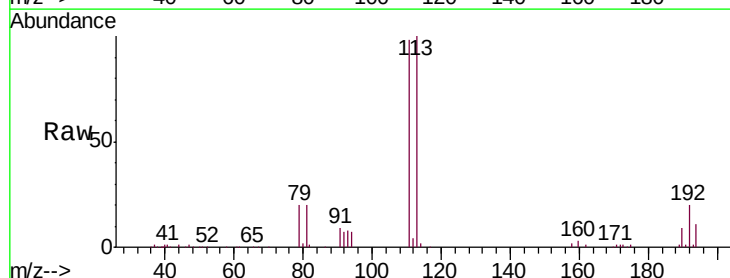


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

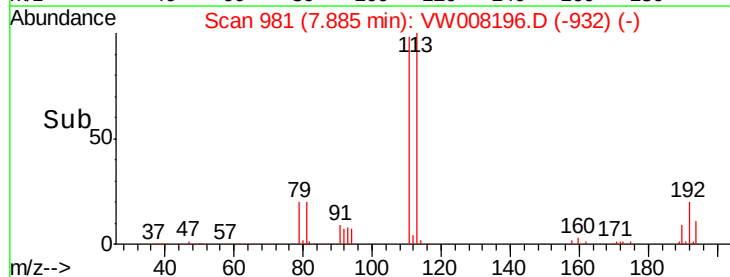
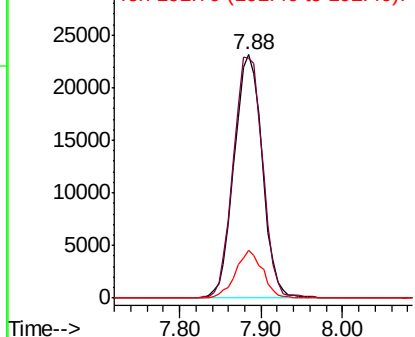


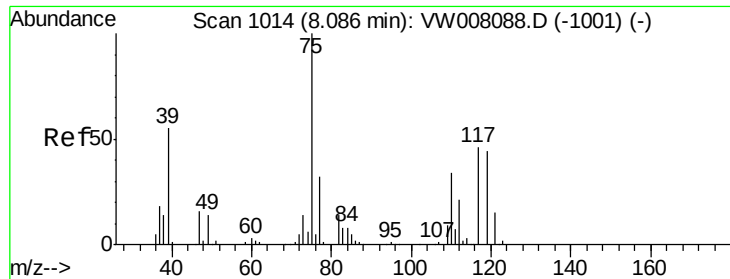
#35
 Dibromofluoromethane
 Concen: 55.004 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008196.D
 Acq: 11 Jan 2019 16:13

Tgt Ion:113 Resp: 55132
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.8 122.8
 192 18.9 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

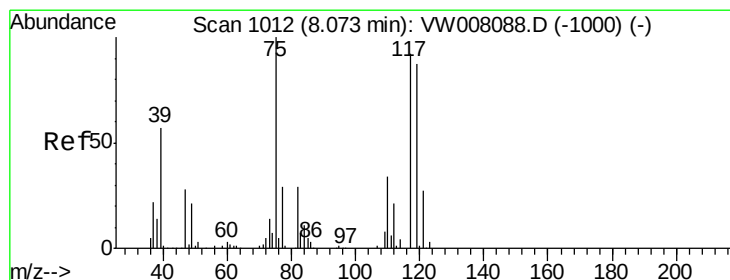
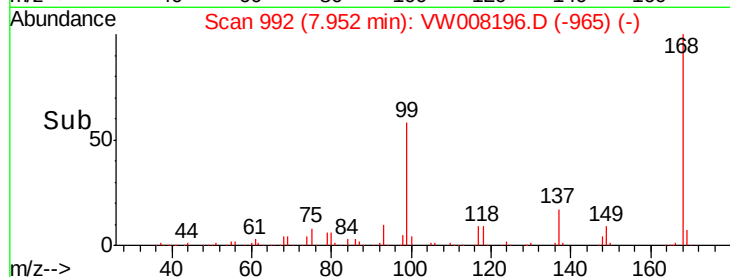
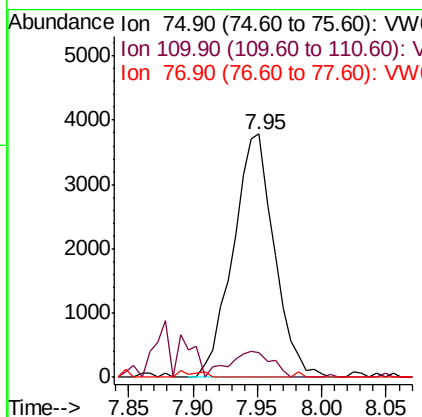
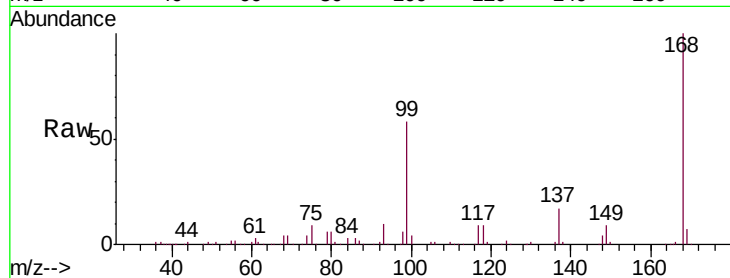




#36
 1,1-Dichloropropene
 Concen: 4.735 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW008196.D
 Acq: 11 Jan 2019 16:13

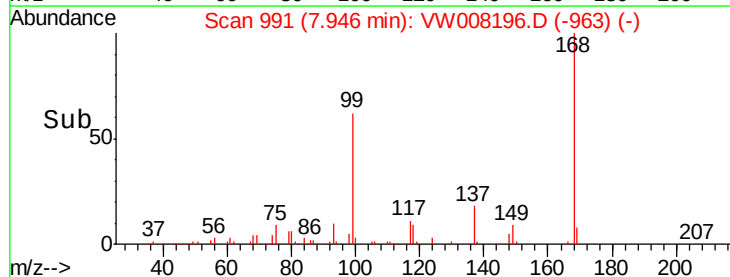
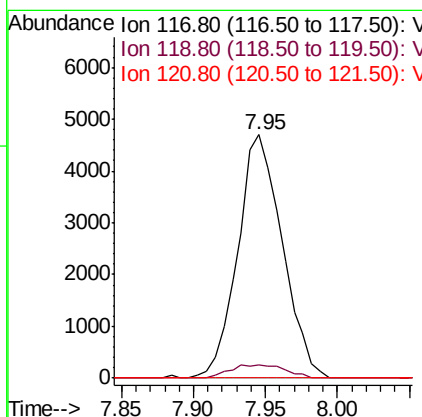
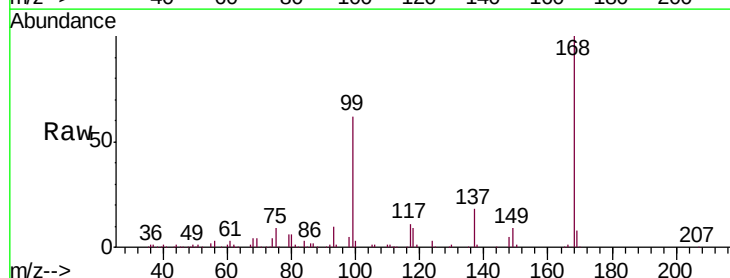
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)

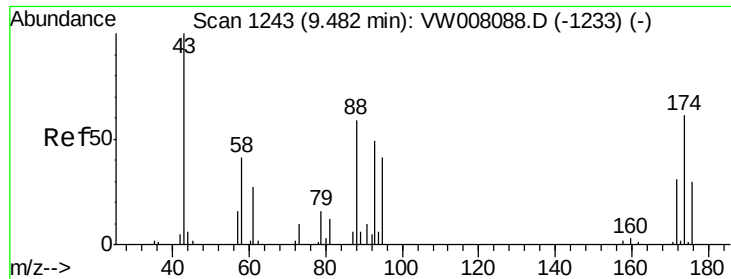
Tgt Ion: 75 Resp: 8382
 Ion Ratio Lower Upper
 75 100
 110 10.4 17.1 51.3#
 77 0.0 25.5 38.3#



#38
 Carbon Tetrachloride
 Concen: 6.230 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008196.D
 Acq: 11 Jan 2019 16:13

Tgt Ion: 117 Resp: 10094
 Ion Ratio Lower Upper
 117 100
 119 5.4 75.8 113.8#
 121 0.0 23.7 35.5#

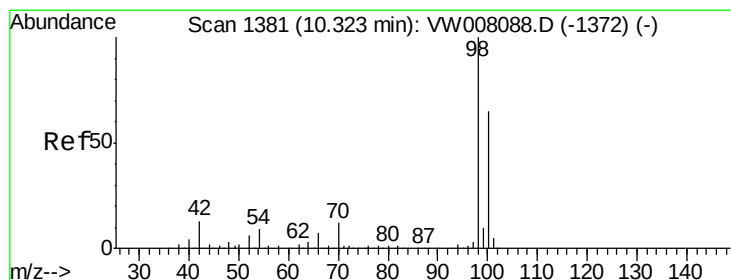
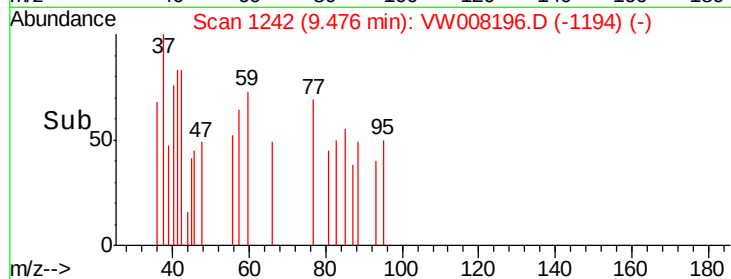
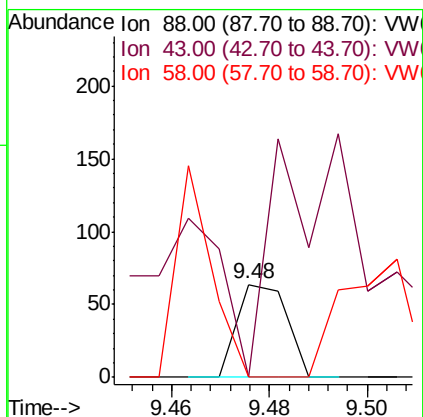
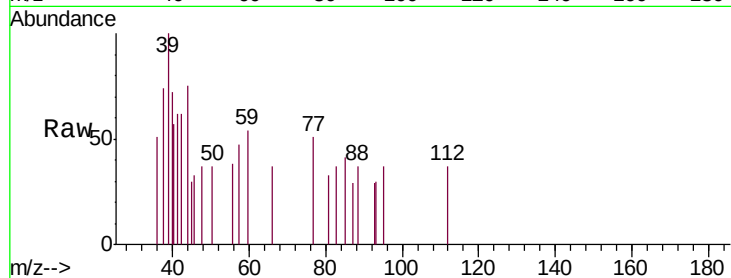




#49
 1,4-Dioxane
 Concen: 4.786 ug/l
 RT: 9.48 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VW008196.D
 Acq: 11 Jan 2019 16:13

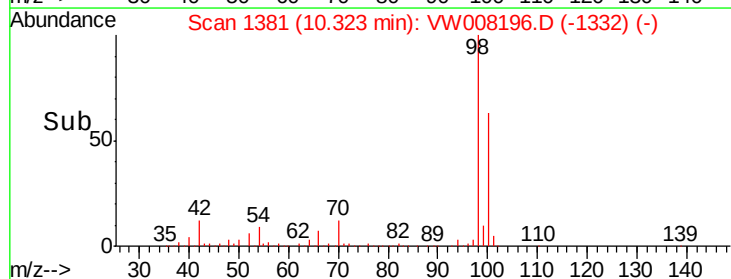
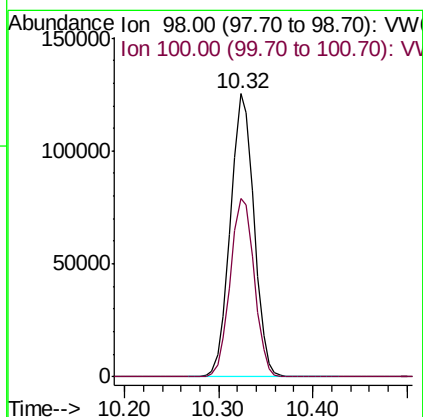
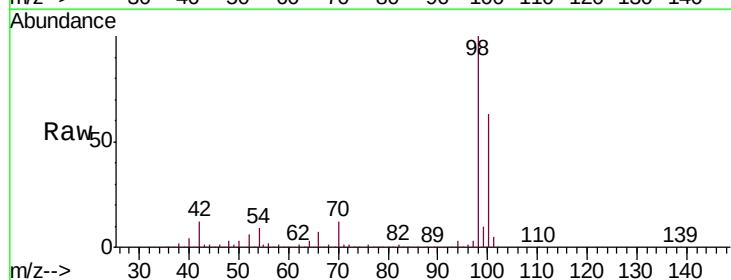
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)

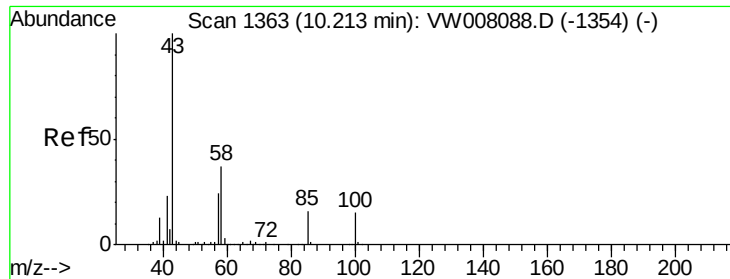
Tgt Ion: 88 Resp: 45
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 160.0 61.7 92.5#



#50
 Toluene-d8
 Concen: 51.902 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW008196.D
 Acq: 11 Jan 2019 16:13

Tgt Ion: 98 Resp: 218311
 Ion Ratio Lower Upper
 98 100
 100 64.3 51.7 77.5

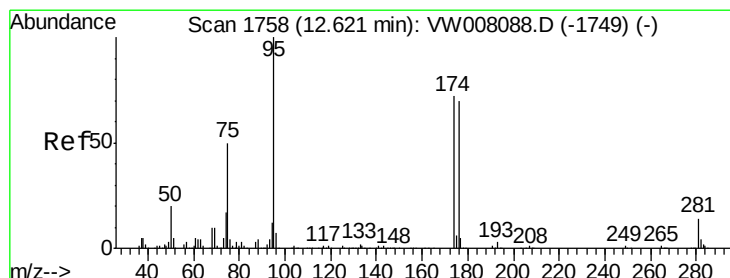
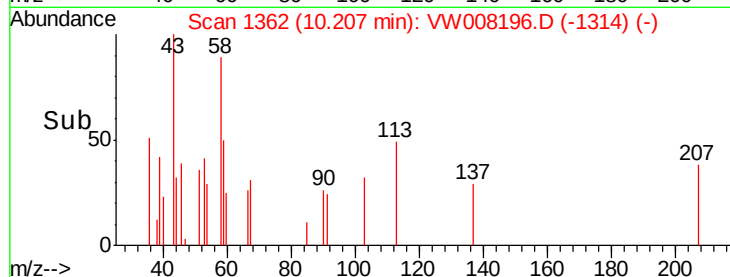
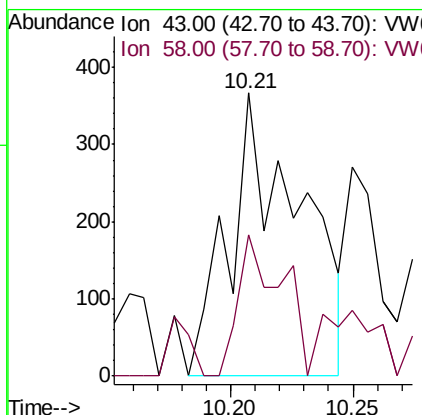
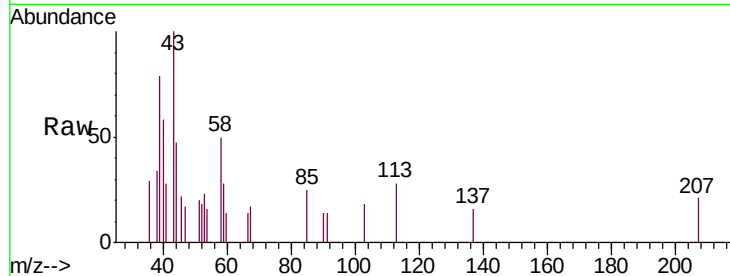




#51
4-Methyl-2-Pentanone
Concen: 1.075 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VW008196.D
Acq: 11 Jan 2019 16:13

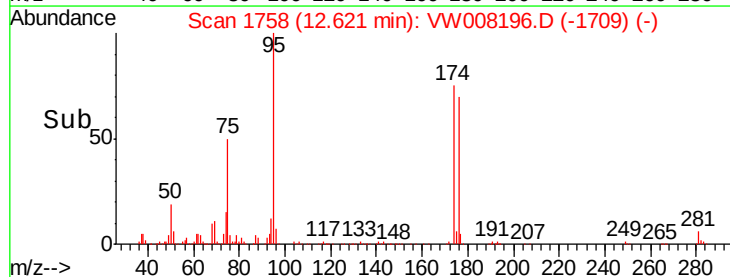
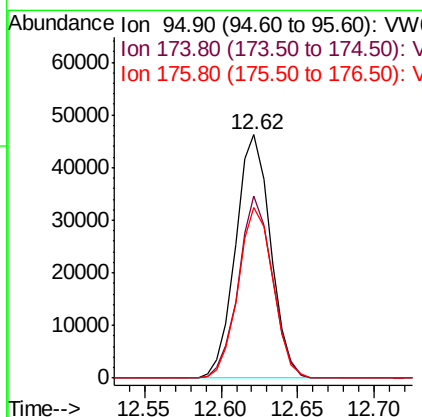
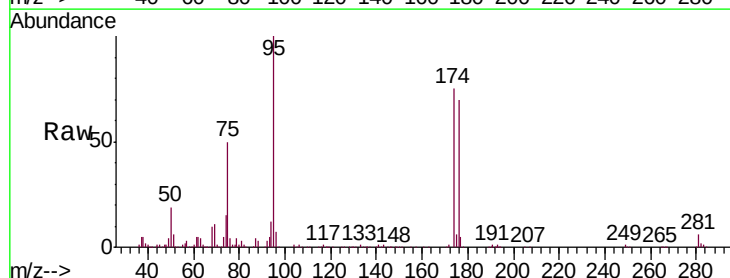
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)

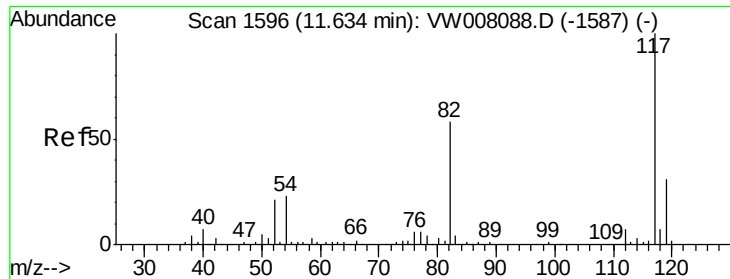
Tgt Ion: 43 Resp: 738
Ion Ratio Lower Upper
43 100
58 30.8 30.6 46.0



#62
4-Bromofluorobenzene
Concen: 48.667 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008196.D
Acq: 11 Jan 2019 16:13

Tgt Ion: 95 Resp: 73386
Ion Ratio Lower Upper
95 100
174 72.6 0.0 143.0
176 70.0 0.0 140.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008196.D

Acq: 11 Jan 2019 16:13

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)

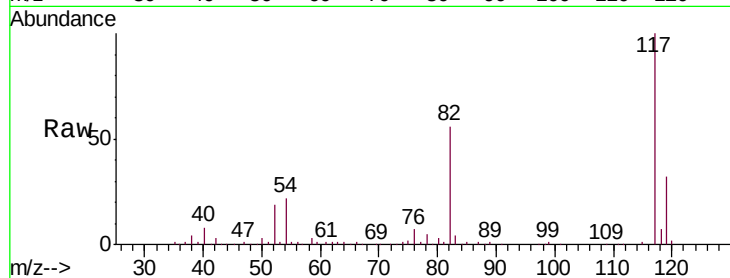
Tgt Ion:117 Resp: 155230

Ion Ratio Lower Upper

117 100

82 55.9 46.4 69.6

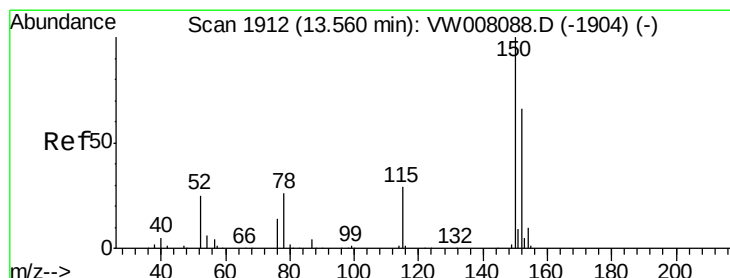
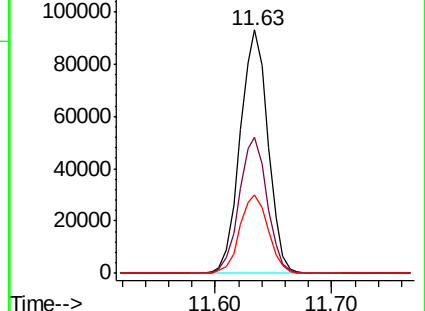
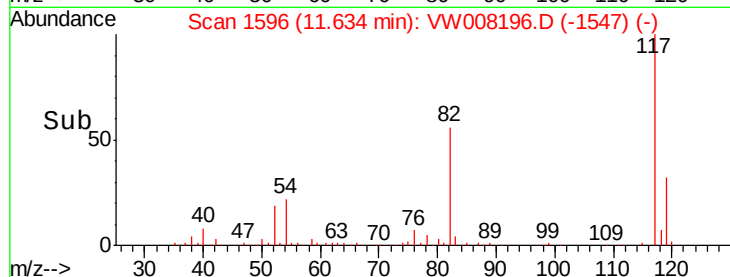
119 32.5 24.7 37.1



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008196.D

Acq: 11 Jan 2019 16:13

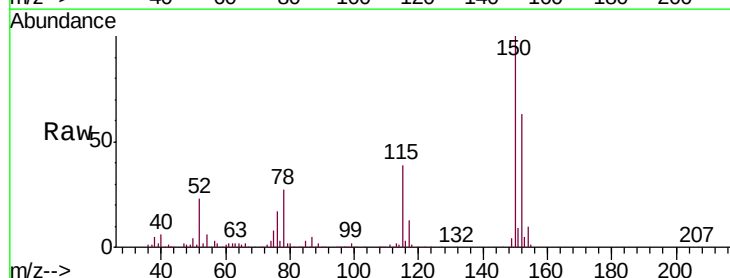
Tgt Ion:152 Resp: 70772

Ion Ratio Lower Upper

152 100

115 60.4 30.8 92.4

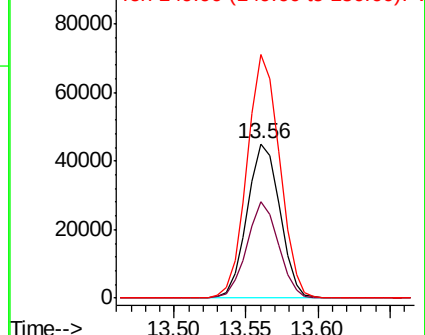
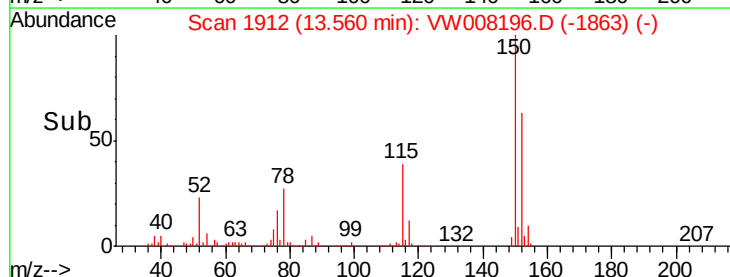
150 157.1 0.0 350.2

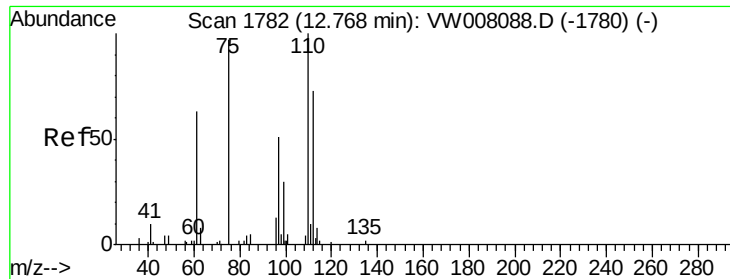


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 54.771 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008196.D

Acq: 11 Jan 2019 16:13

Instrument :

MSVOA_W

ClientSampleId :

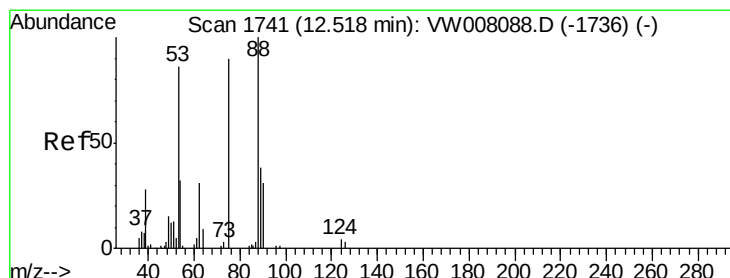
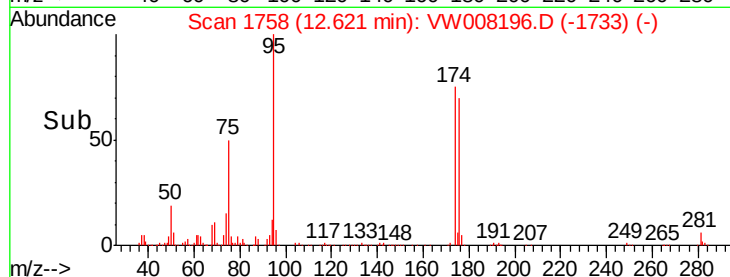
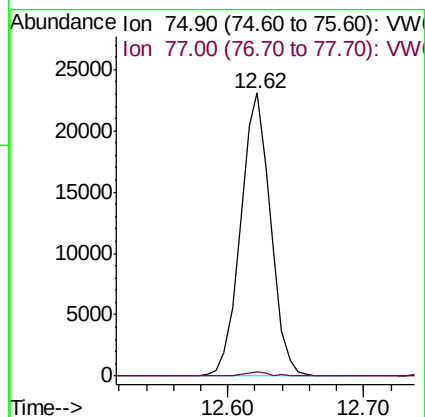
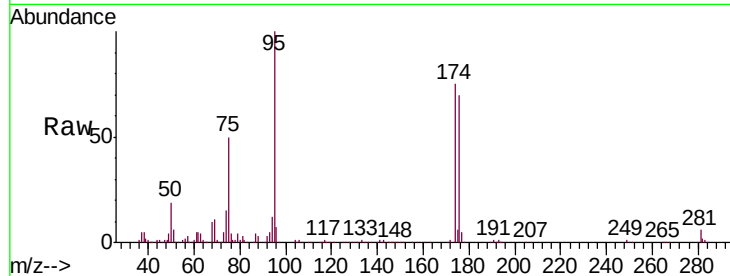
CPSB-07(15-20)

Tgt Ion: 75 Resp: 35336

Ion Ratio Lower Upper

75 100

77 1.6 179.4 538.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 127.544 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW008196.D

Acq: 11 Jan 2019 16:13

Tgt Ion: 75 Resp: 35336

Ion Ratio Lower Upper

75 100

53 0.2 78.8 118.2#

89 0.0 35.4 53.2#

