

Data File : VW008154.D
Acq On : 10 Jan 2019 17:41
Operator : SY/AP
Sample : K1088-01
Misc : 5.05G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jan 11 05:12:46 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	67179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	129610	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	121431	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	52250	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	49103	65.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	130.06%	
35) Dibromofluoromethane	7.88	113	41895	55.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.84%	
50) Toluene-d8	10.32	98	175209	55.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.46%	
62) 4-Bromofluorobenzene	12.62	95	56172	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	

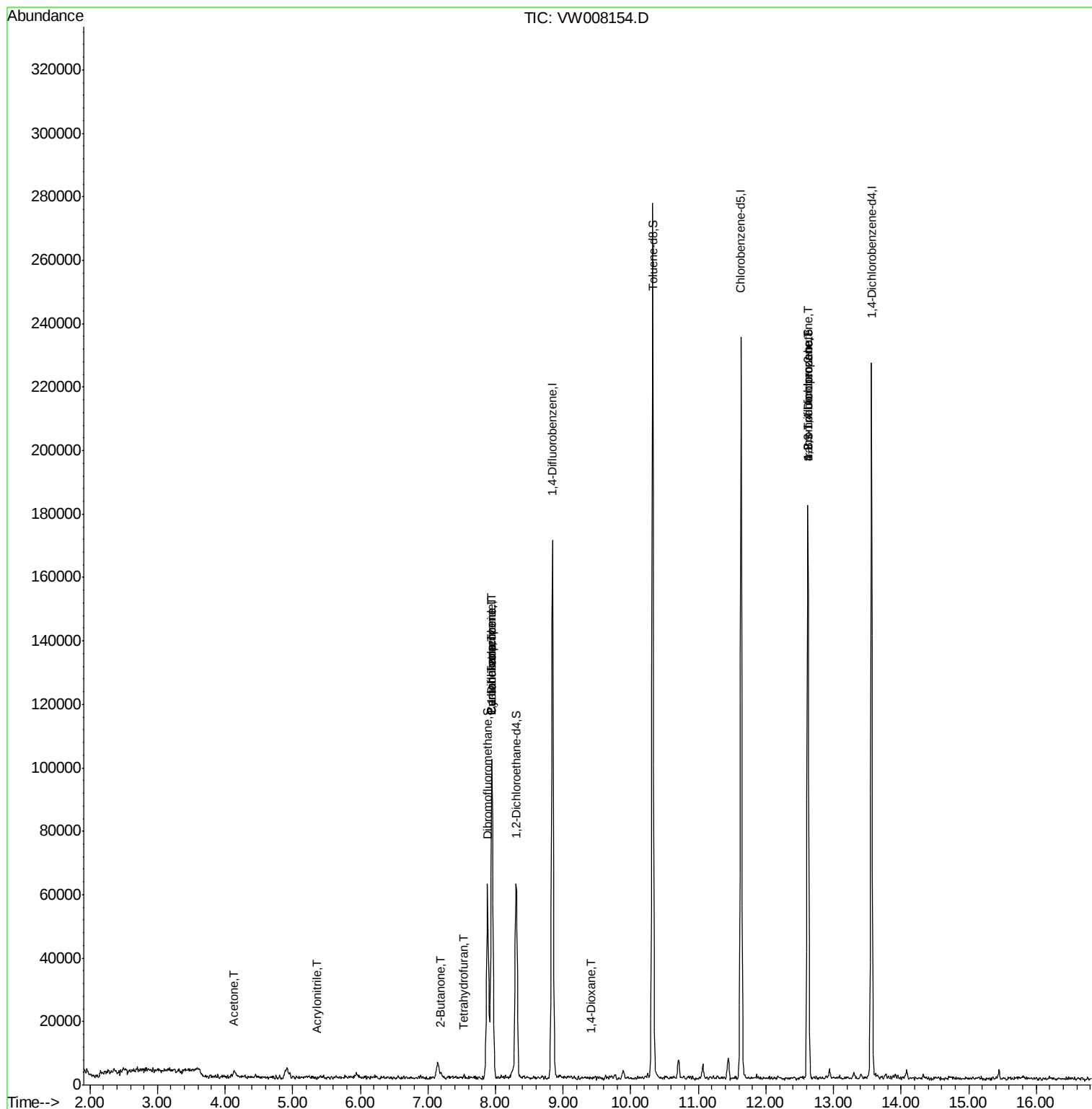
Target Compounds			Qvalue			
11) Tert butyl alcohol	5.26	59	104	Below Cal	#	100
13) Acrolein	3.90	56	47	Below Cal	#	1
15) Acrylonitrile	5.35	53	164	1.010	ug/l #	69
16) Acetone	4.13	43	4190	10.622	ug/l	90
20) Methylene Chloride	4.93	84	805	Below Cal	#	80
25) 2-Butanone	7.20	43	951	4.527	ug/l	94
29) Tetrahydrofuran	7.52	42	211	1.504	ug/l #	69
31) Cyclohexane	7.95	56	2156	1.357	ug/l #	11
36) 1,1-Dichloropropene	7.95	75	6586	4.933	ug/l #	51
38) Carbon Tetrachloride	7.95	117	7564	6.190	ug/l #	16
49) 1,4-Dioxane	9.43	88	55	7.756	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	29949	62.876	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	29949	146.420	ug/l #	11

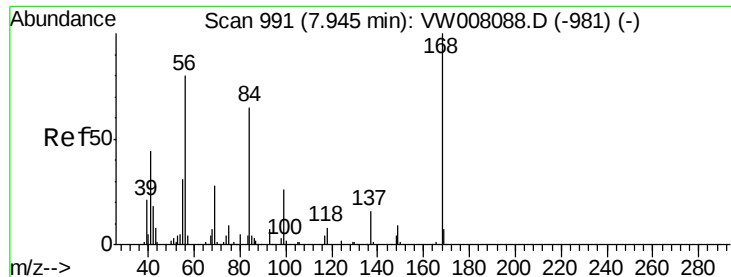
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

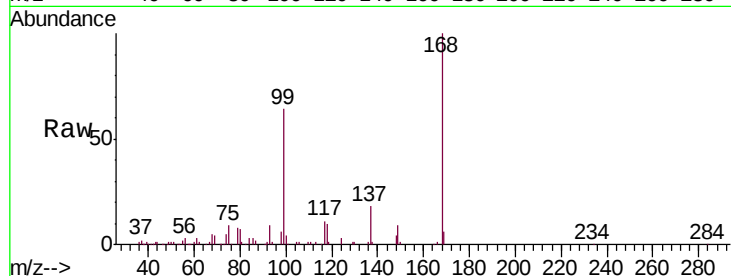
CPSB-07(15-20)

Tgt Ion:168 Resp: 67179

Ion Ratio Lower Upper

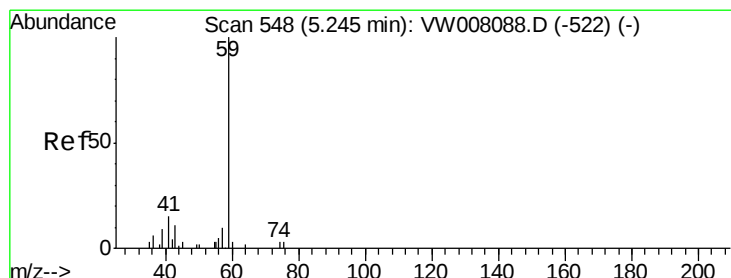
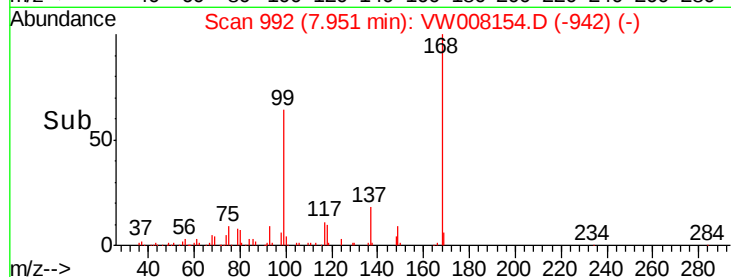
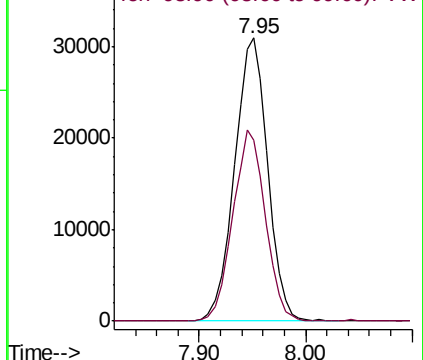
168 100

99 63.7 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.26 min Scan# 550

Delta R.T. 0.01 min

Lab File: VW008154.D

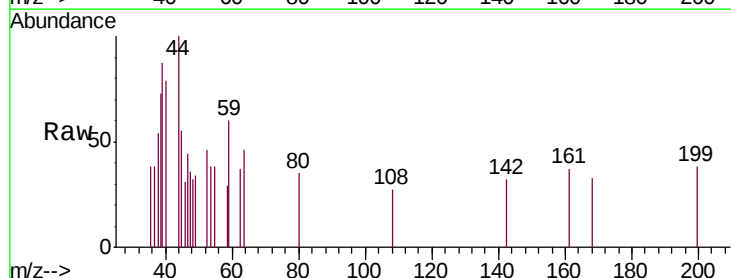
Acq: 10 Jan 2019 17:41

Tgt Ion: 59 Resp: 104

Ion Ratio Lower Upper

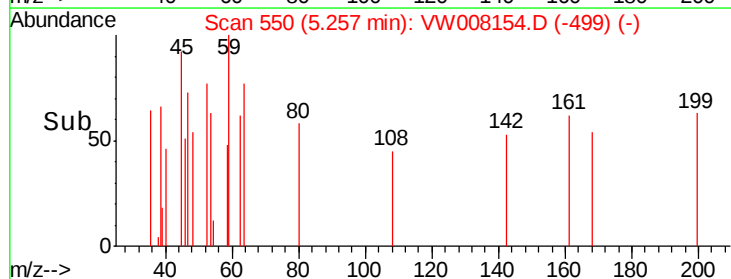
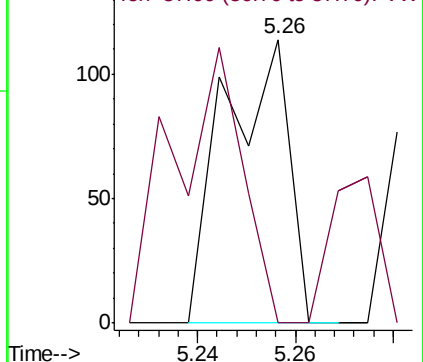
59 100

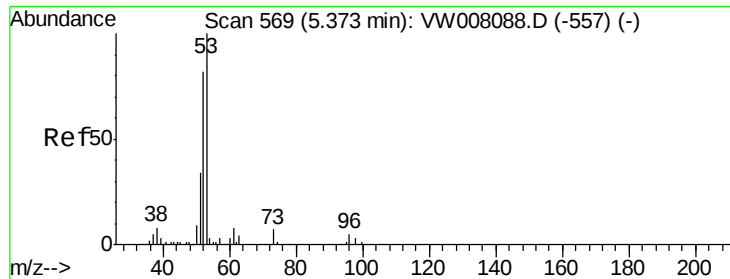
57 104.8 0.0 0.0#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#15

Acrylonitrile

Concen: 1.010 ug/l

RT: 5.35 min Scan# 566

Delta R.T. -0.02 min

Lab File: VW008154.D

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ClientSampleId :

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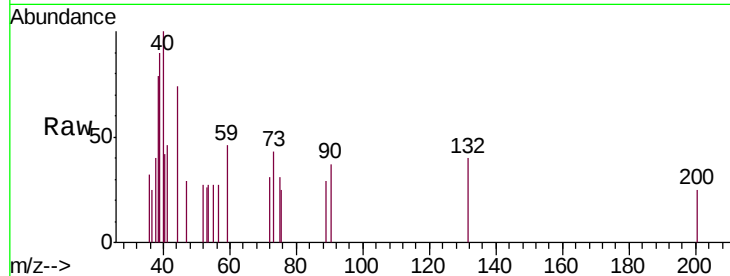
Tgt Ion: 53 Resp: 164

Ion Ratio Lower Upper

53 100

52 67.7 66.8 100.2

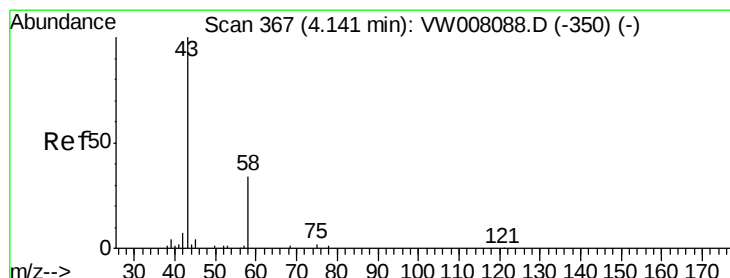
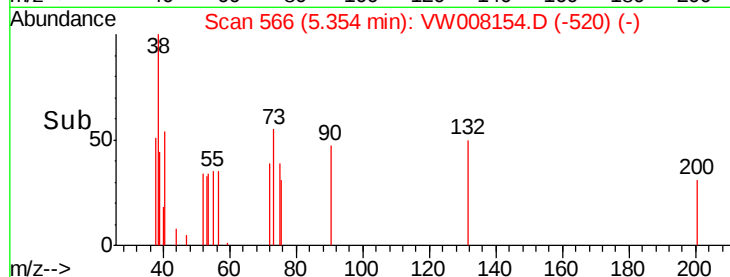
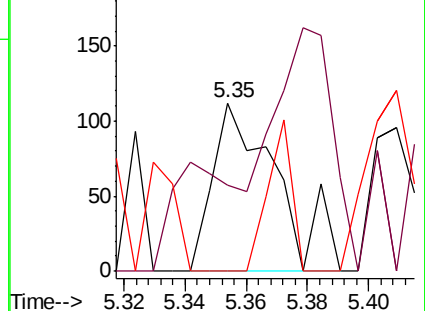
51 0.0 29.7 44.5#



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 10.622 ug/l

RT: 4.13 min Scan# 366

Delta R.T. -0.01 min

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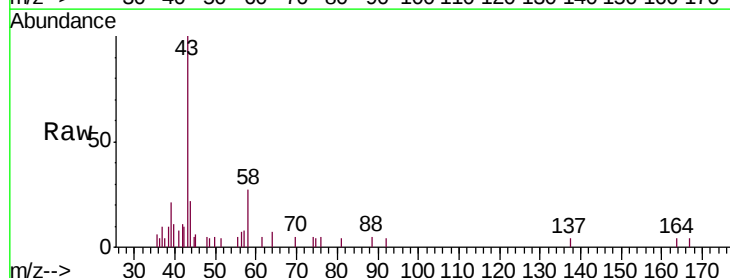
Acq: 10 Jan 2019 17:41

Tgt Ion: 43 Resp: 4190

Ion Ratio Lower Upper

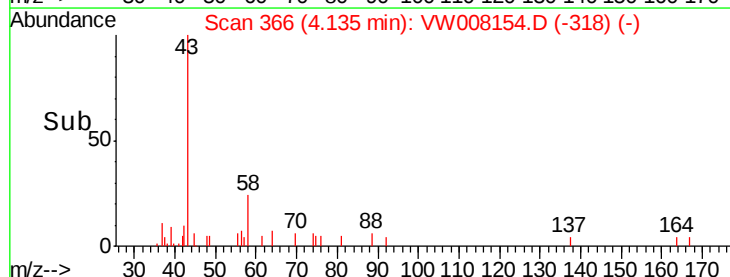
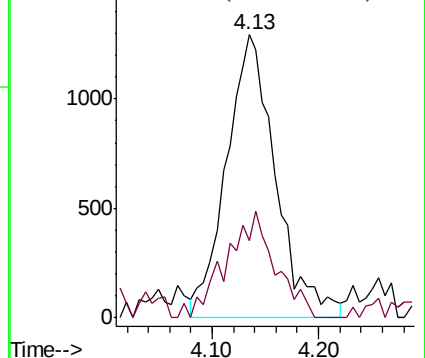
43 100

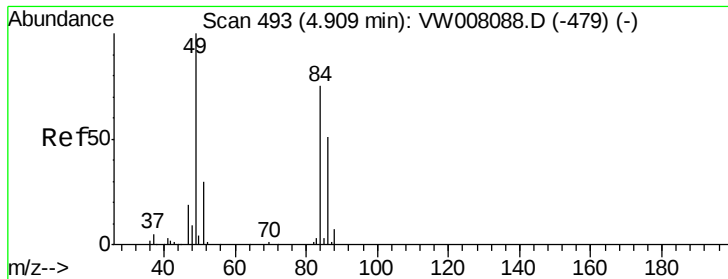
58 28.8 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

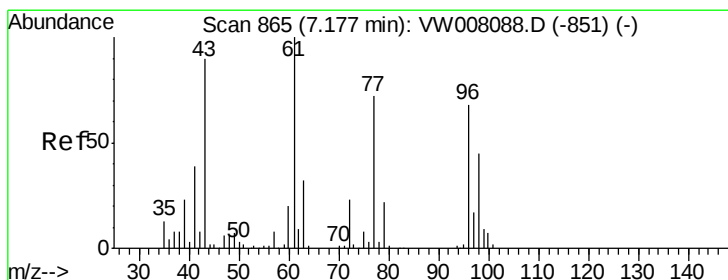
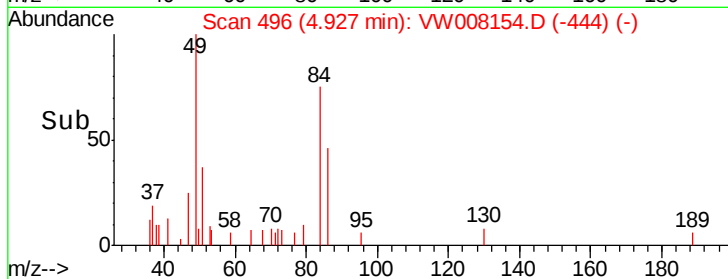
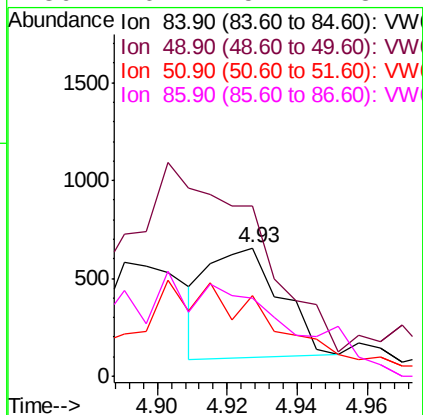
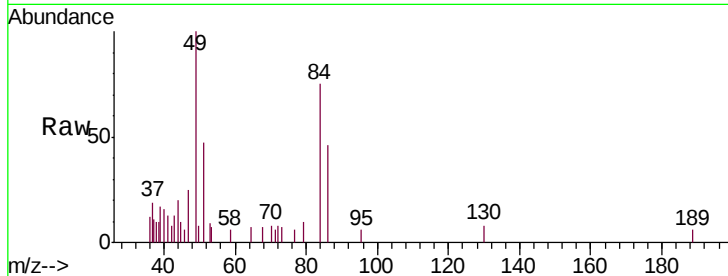




#20
Methylene Chloride
Concen: Below Cal
RT: 4.93 min Scan# 496
Delta R.T. 0.02 min
Lab File: VW008154.D
Acq: 10 Jan 2019 17:41

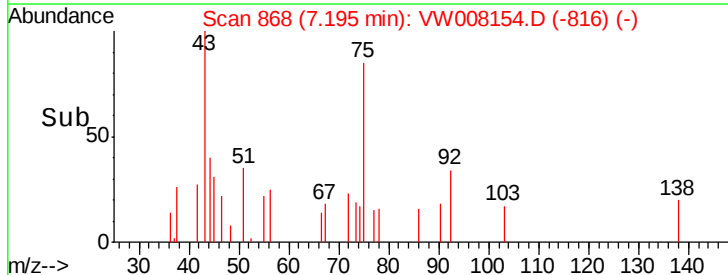
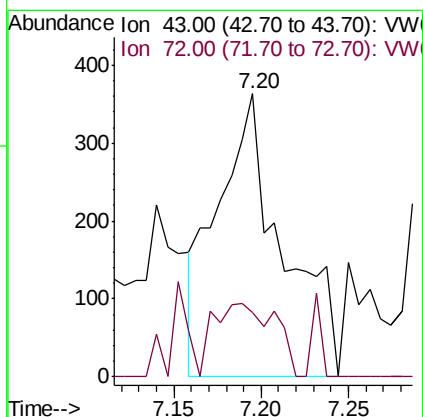
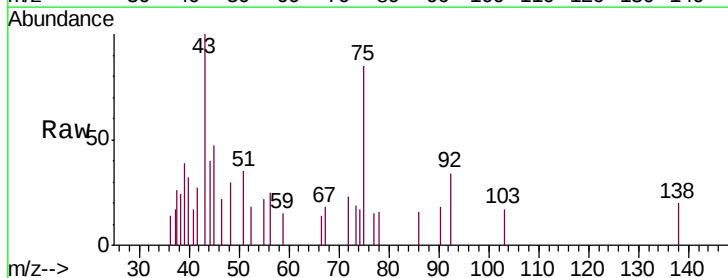
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)

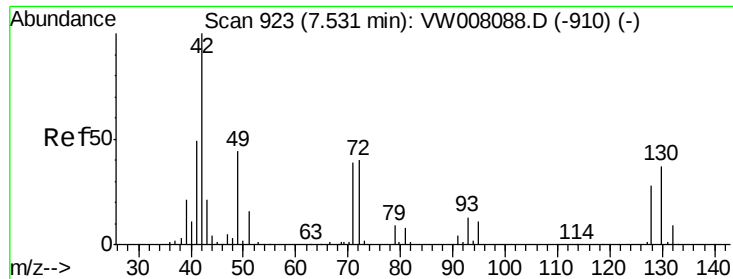
Tgt Ion: 84 Resp: 805
Ion Ratio Lower Upper
84 100
49 137.0 107.1 160.7
51 55.7 32.4 48.6#
86 26.7 54.2 81.4#



#25
2-Butanone
Concen: 4.527 ug/l
RT: 7.20 min Scan# 868
Delta R.T. 0.02 min
Lab File: VW008154.D
Acq: 10 Jan 2019 17:41

Tgt Ion: 43 Resp: 951
Ion Ratio Lower Upper
43 100
72 22.6 20.5 30.7

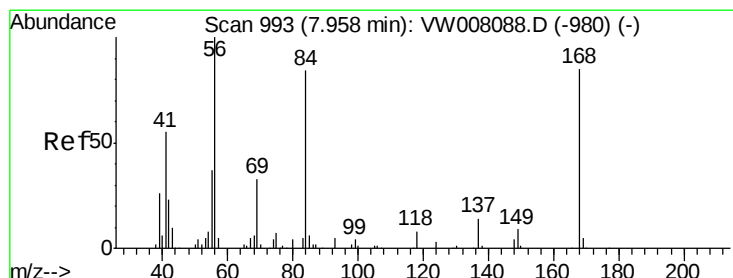
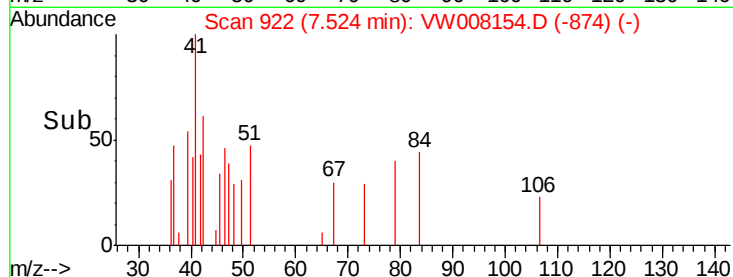
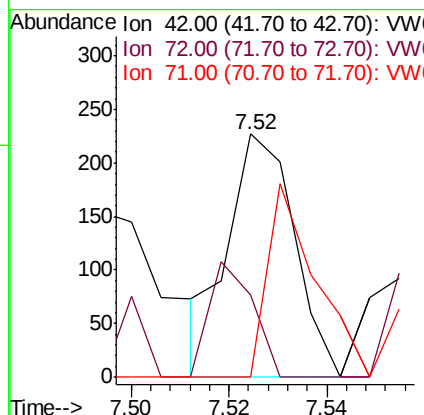
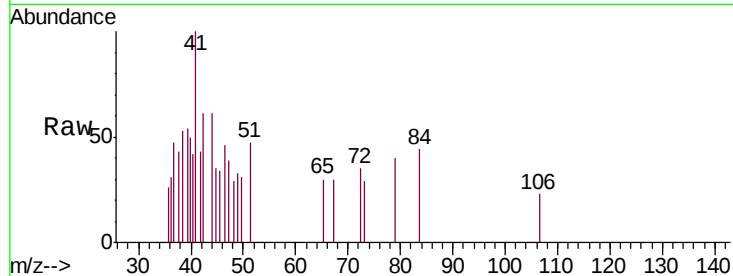




#29
Tetrahydrofuran
Concen: 1.504 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW008154.D
Acq: 10 Jan 2019 17:41

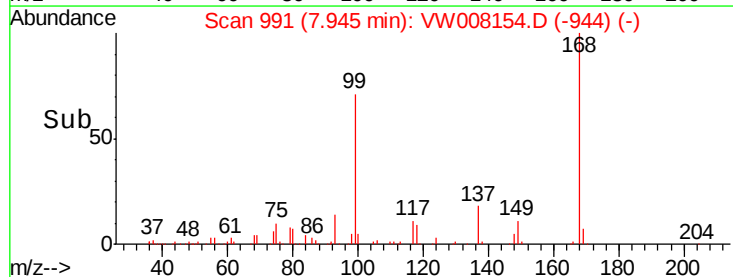
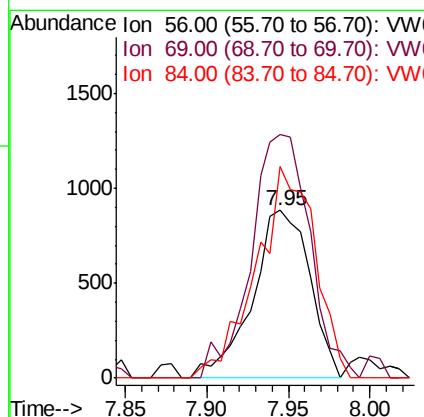
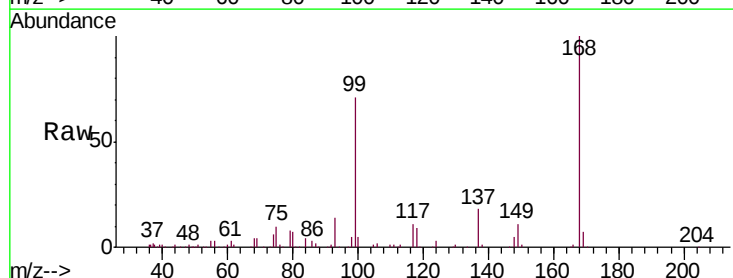
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)

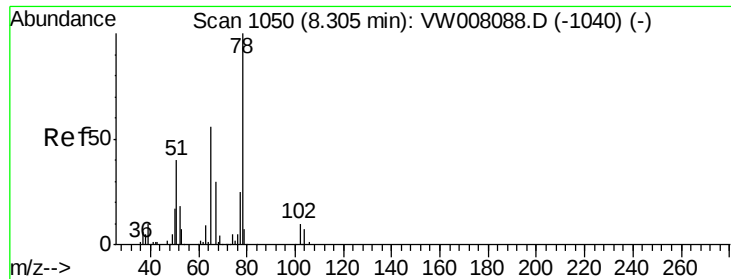
Tgt Ion: 42 Resp: 211
Ion Ratio Lower Upper
42 100
72 32.2 32.4 48.6#
71 69.2 31.3 46.9#



#31
Cyclohexane
Concen: 1.357 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008154.D
Acq: 10 Jan 2019 17:41

Tgt Ion: 56 Resp: 2156
Ion Ratio Lower Upper
56 100
69 145.1 26.2 39.4#
84 125.9 67.4 101.2#

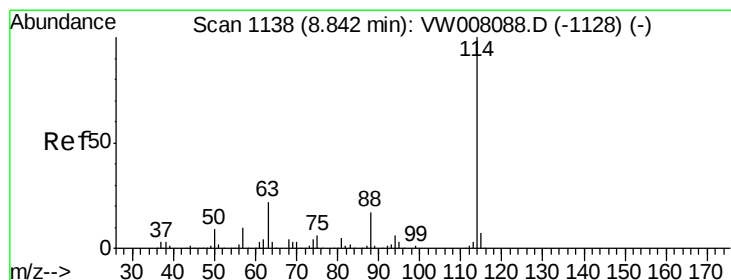
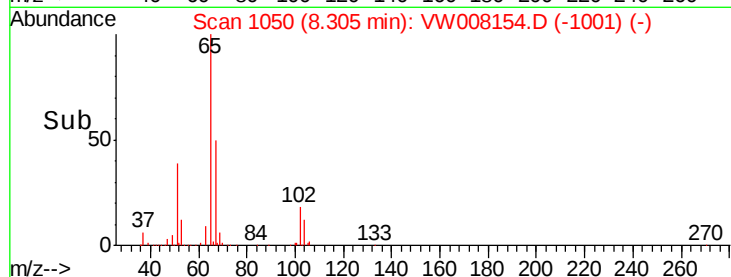
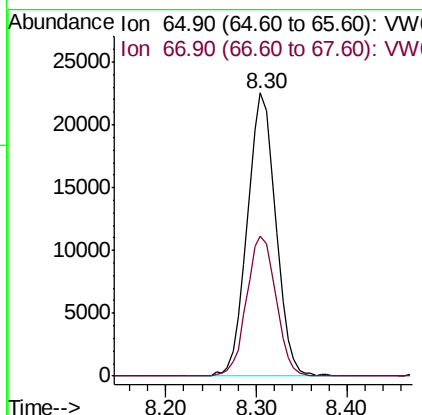
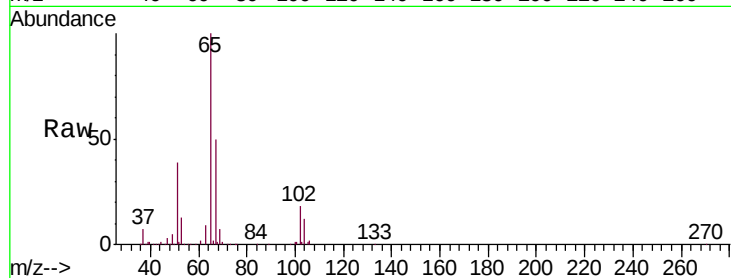




#33
 1,2-Dichloroethane-d4
 Concen: 65.034 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008154.D
 Acq: 10 Jan 2019 17:41

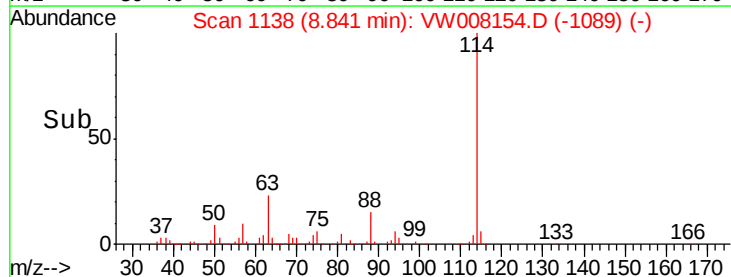
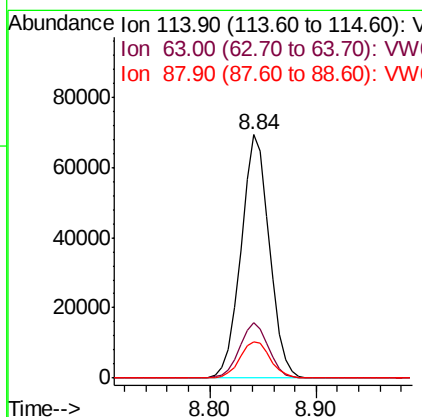
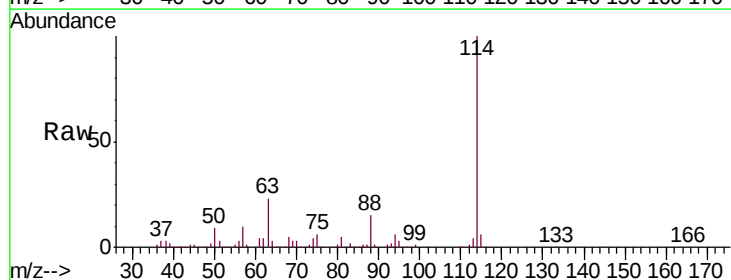
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)

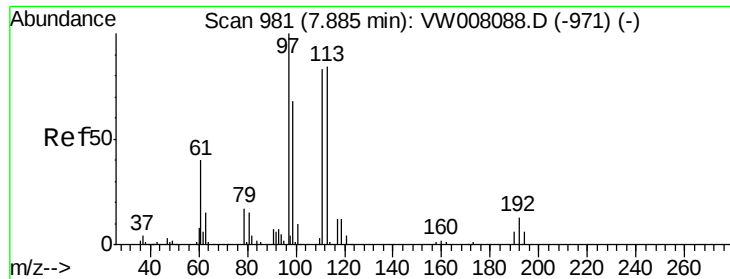
Tgt Ion: 65 Resp: 49103
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008154.D
 Acq: 10 Jan 2019 17:41

Tgt Ion: 114 Resp: 129610
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 43.4
 88 15.1 0.0 33.4

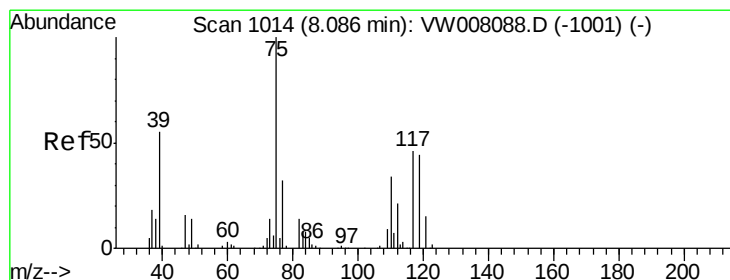
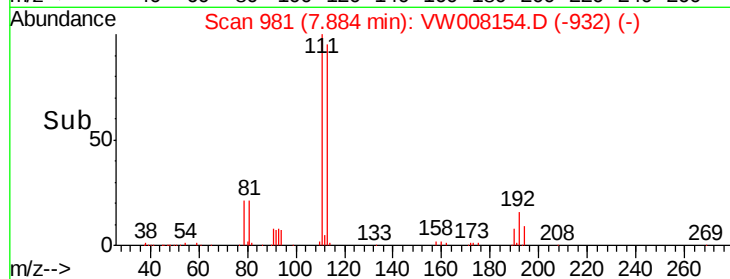
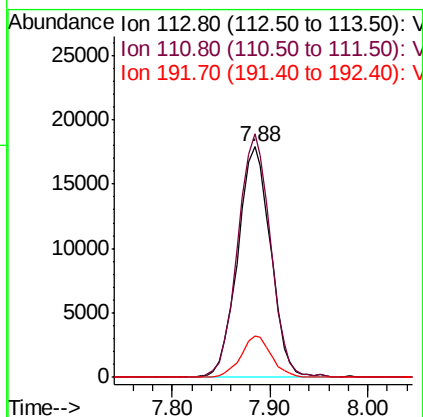
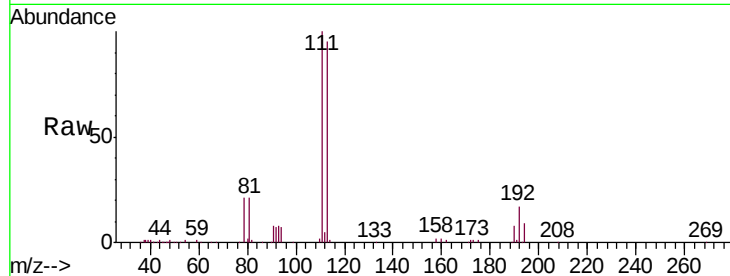




#35
 Dibromofluoromethane
 Concen: 55.421 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008154.D
 Acq: 10 Jan 2019 17:41

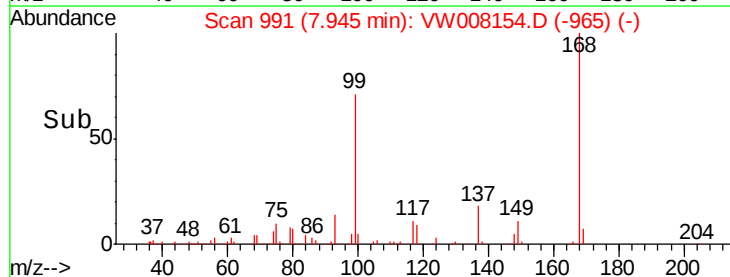
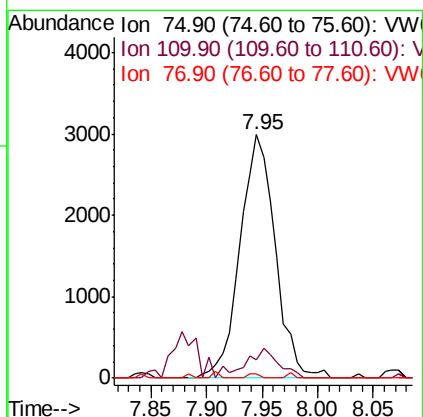
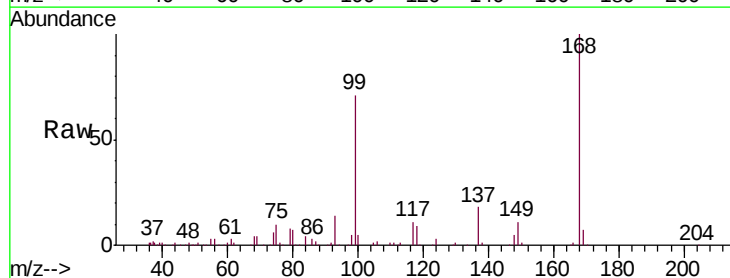
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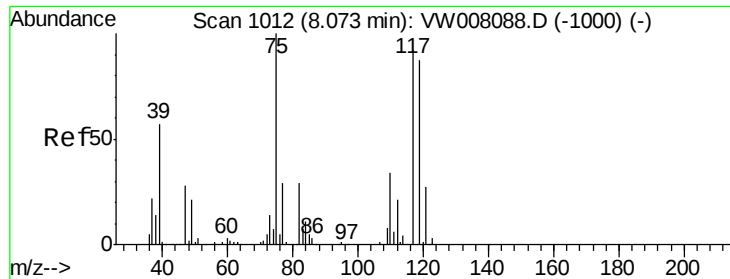
Tgt Ion:113 Resp: 41895
 Ion Ratio Lower Upper
 113 100
 111 105.1 81.8 122.8
 192 16.8 12.8 19.2



#36
 1,1-Dichloropropene
 Concen: 4.933 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW008154.D
 Acq: 10 Jan 2019 17:41

Tgt Ion: 75 Resp: 6586
 Ion Ratio Lower Upper
 75 100
 110 10.3 17.1 51.3#
 77 0.6 25.5 38.3#





#38

Carbon Tetrachloride

Concen: 6.190 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW008154.D

Acq: 10 Jan 2019 17:41

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)

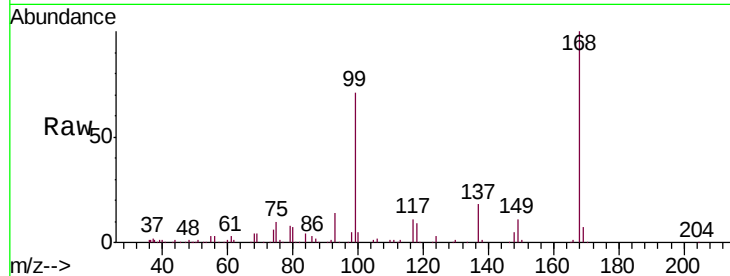
Tgt Ion:117 Resp: 7564

Ion Ratio Lower Upper

117 100

119 4.3 75.8 113.8#

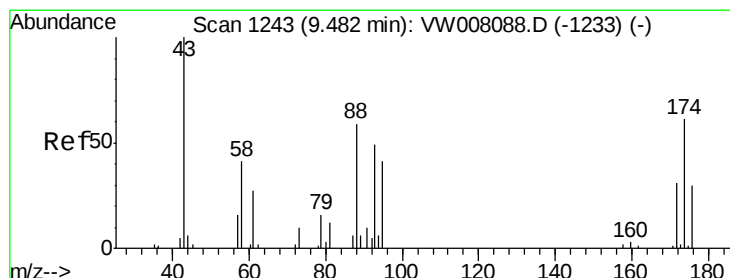
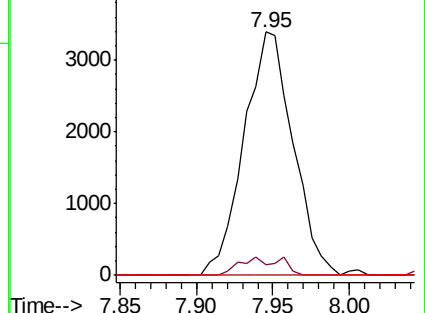
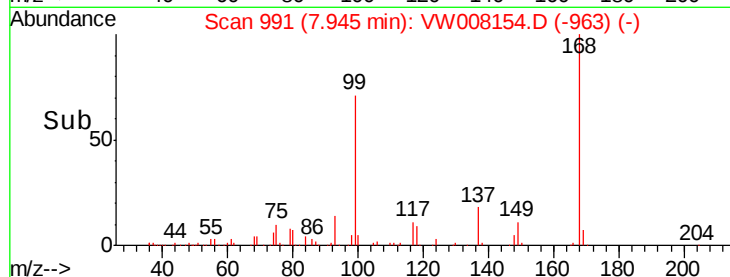
121 0.0 23.7 35.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#49

1,4-Dioxane

Concen: 7.756 ug/l

RT: 9.43 min Scan# 1234

Delta R.T. -0.06 min

Lab File: VW008154.D

Acq: 10 Jan 2019 17:41

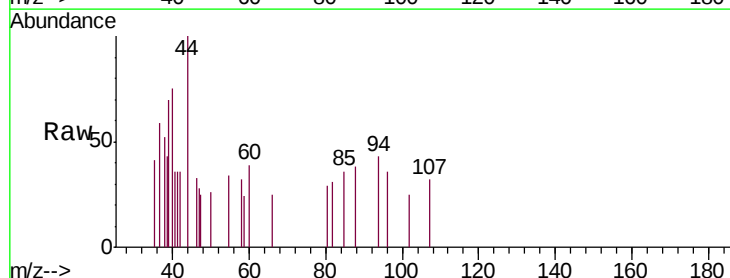
Tgt Ion: 88 Resp: 55

Ion Ratio Lower Upper

88 100

43 109.1 0.0 0.0#

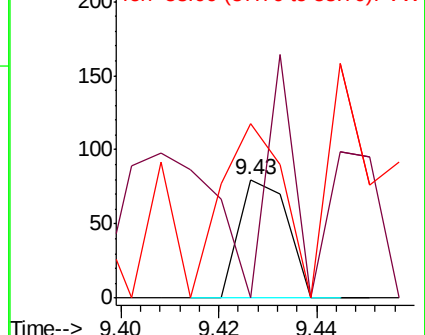
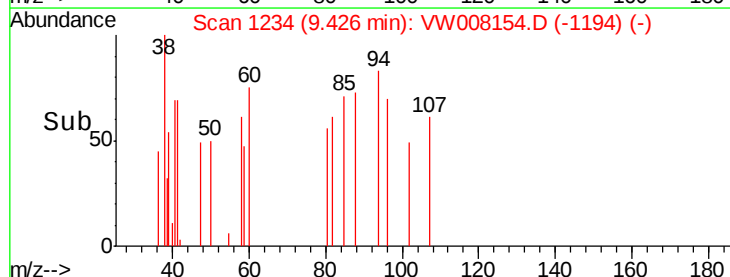
58 250.9 61.7 92.5#

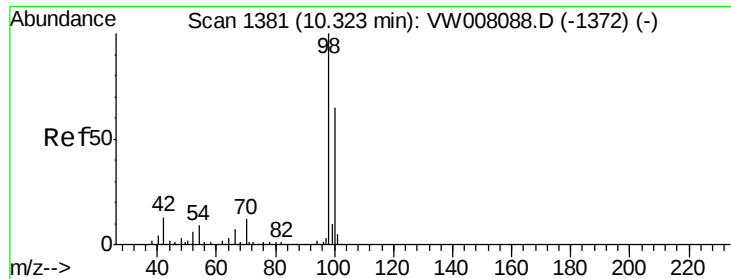


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

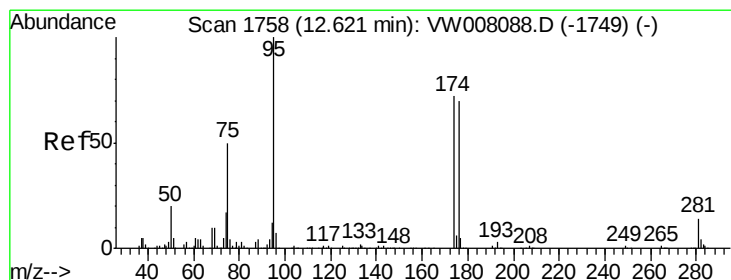
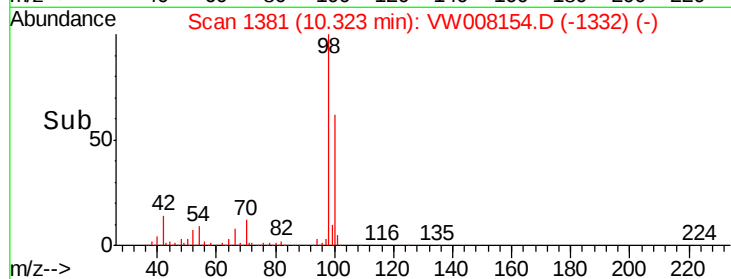
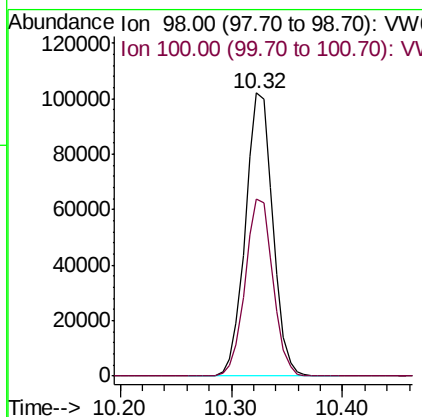
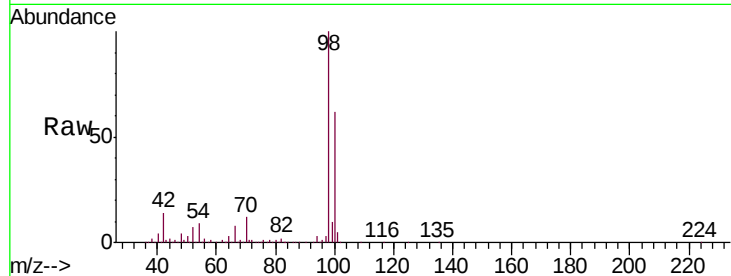




#50
Toluene-d8
Concen: 55.233 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008154.D
Acq: 10 Jan 2019 17:41

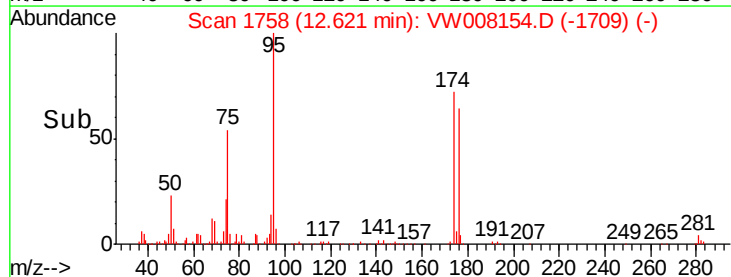
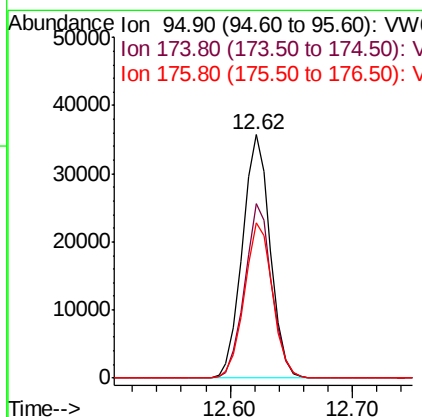
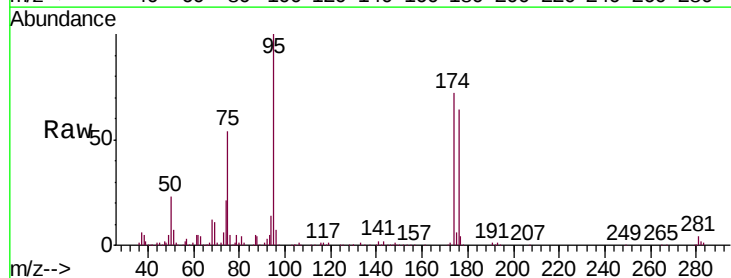
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)

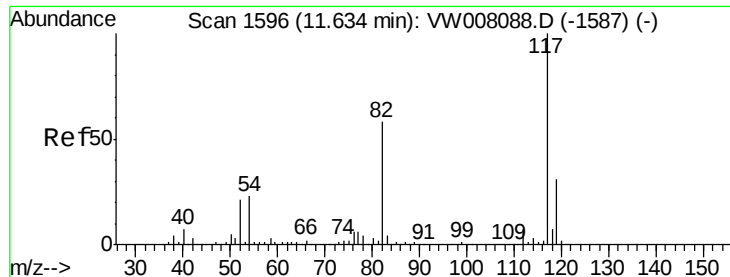
Tgt Ion: 98 Resp: 175209
Ion Ratio Lower Upper
98 100
100 63.1 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 49.394 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008154.D
Acq: 10 Jan 2019 17:41

Tgt Ion: 95 Resp: 56172
Ion Ratio Lower Upper
95 100
174 70.0 0.0 143.0
176 64.6 0.0 140.2

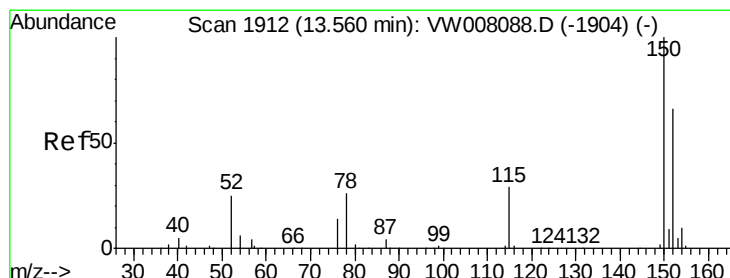
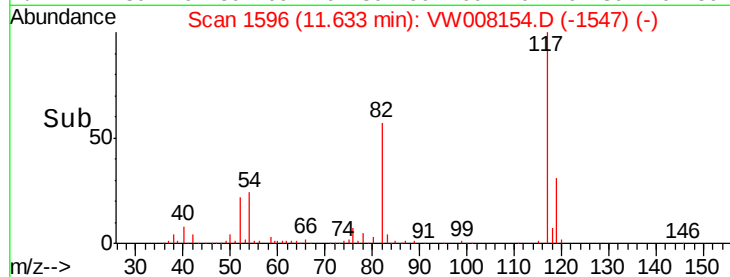
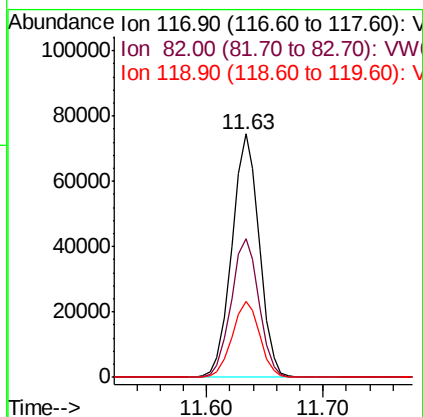
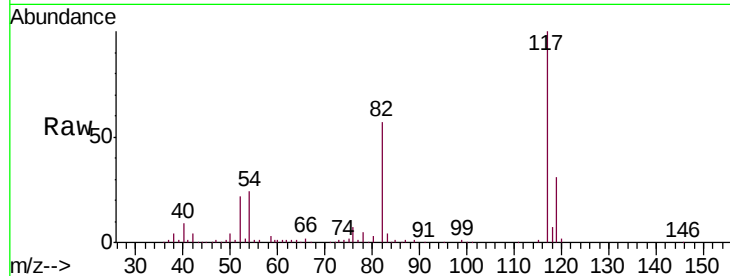




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008154.D
Acq: 10 Jan 2019 17:41

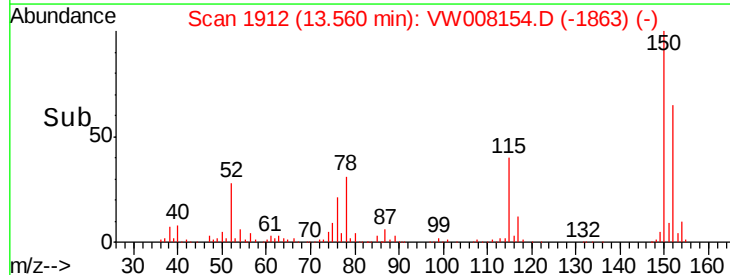
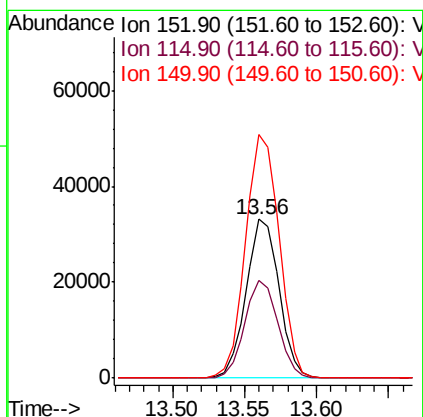
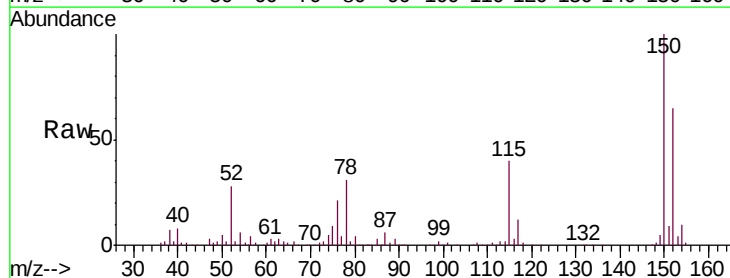
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)

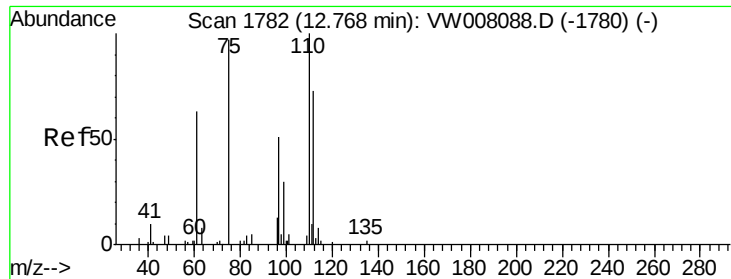
Tgt Ion:117 Resp: 121431
Ion Ratio Lower Upper
117 100
82 56.9 46.4 69.6
119 31.3 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008154.D
Acq: 10 Jan 2019 17:41

Tgt Ion:152 Resp: 52250
Ion Ratio Lower Upper
152 100
115 62.2 30.8 92.4
150 156.5 0.0 350.2





#76

1,2,3-Trichloropropane

Concen: 62.876 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008154.D

Acq: 10 Jan 2019 17:41

Instrument :

MSVOA_W

ClientSampleId :

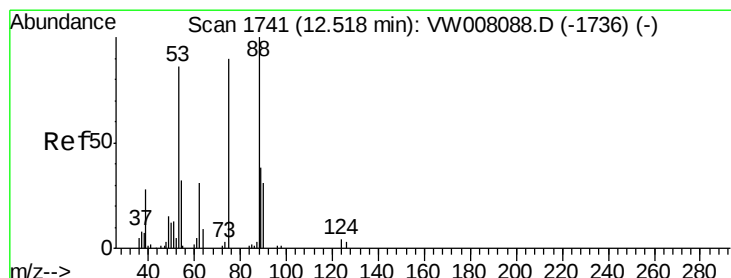
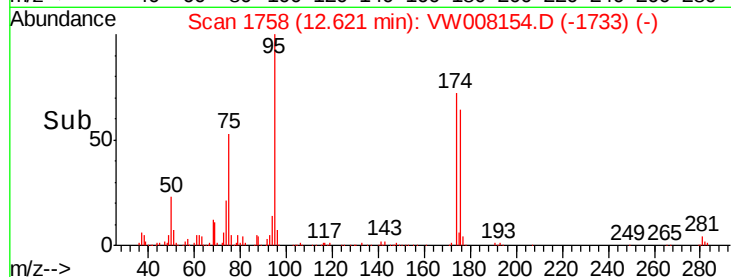
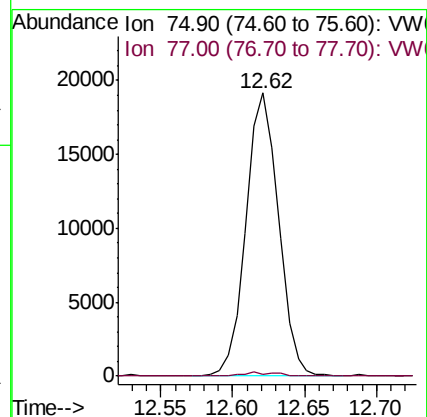
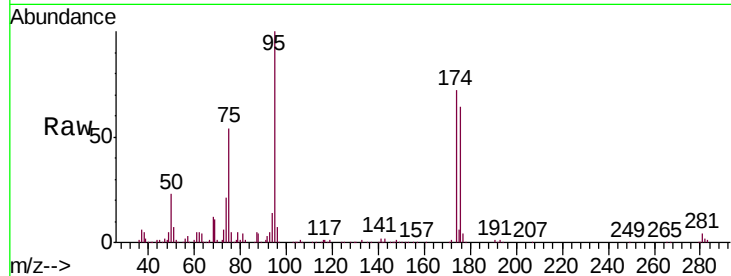
CPSB-07(15-20)

Tgt Ion: 75 Resp: 29949

Ion Ratio Lower Upper

75 100

77 1.6 179.4 538.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 146.420 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW008154.D

Acq: 10 Jan 2019 17:41

Tgt Ion: 75 Resp: 29949

Ion Ratio Lower Upper

75 100

53 0.5 78.8 118.2#

89 0.3 35.4 53.2#

