

Data File : VW008155.D
Acq On : 10 Jan 2019 18:08
Operator : SY/AP
Sample : K1088-02
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CPSB-06(10-15)

Quant Time: Jan 11 05:13:06 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	65654	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	125733	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	115910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	53262	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	45833	62.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.22%	
35) Dibromofluoromethane	7.88	113	41788	56.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.96%	
50) Toluene-d8	10.32	98	170737	55.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.96%	
62) 4-Bromofluorobenzene	12.62	95	56967	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	

Target Compounds

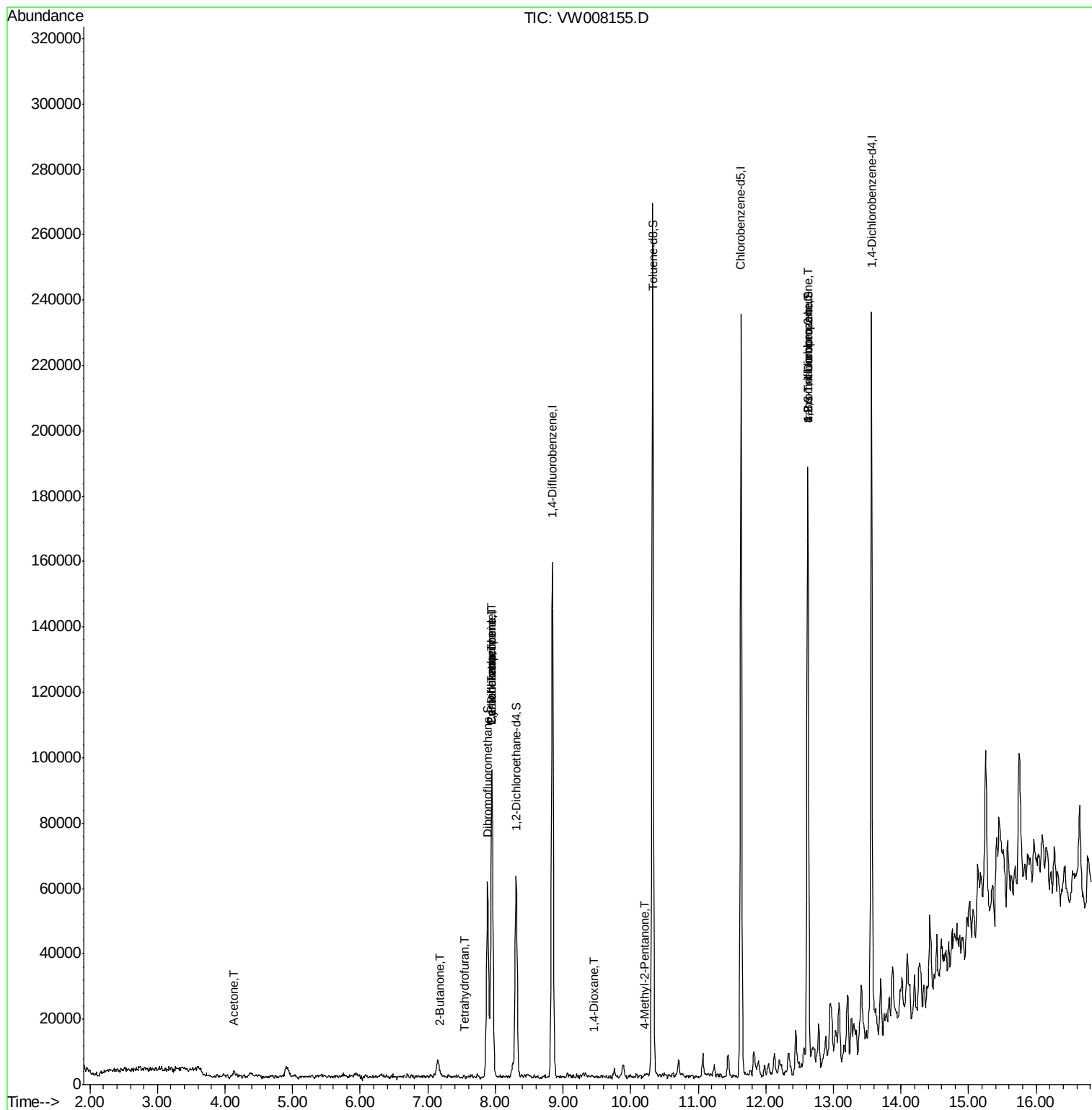
						Qvalue
11) Tert butyl alcohol	5.24	59	304	Below Cal	#	100
16) Acetone	4.13	43	3482	5.574	ug/l #	77
20) Methylene Chloride	4.92	84	2298	Below Cal		86
25) 2-Butanone	7.18	43	564	2.747	ug/l #	81
29) Tetrahydrofuran	7.54	42	155	1.130	ug/l #	85
31) Cyclohexane	7.95	56	2377	1.531	ug/l #	32
36) 1,1-Dichloropropene	7.94	75	6688	5.164	ug/l #	45
38) Carbon Tetrachloride	7.95	117	7364	6.212	ug/l #	17
49) 1,4-Dioxane	9.46	88	89	12.937	ug/l #	11
51) 4-Methyl-2-Pentanone	10.21	43	745	1.484	ug/l #	72
76) 1,2,3-Trichloropropane	12.62	75	29792	61.358	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	29792	142.885	ug/l #	10

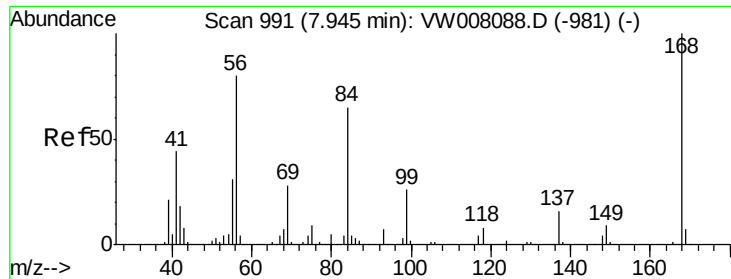
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008155.D

Acq: 10 Jan 2019 18:08

Instrument :

MSVOA_W

ClientSampleId :

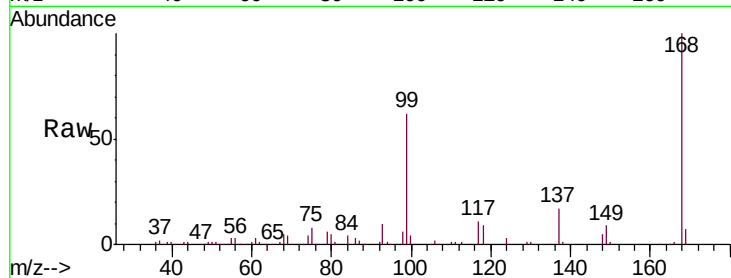
CPSB-06(10-15)

Tgt Ion:168 Resp: 65654

Ion Ratio Lower Upper

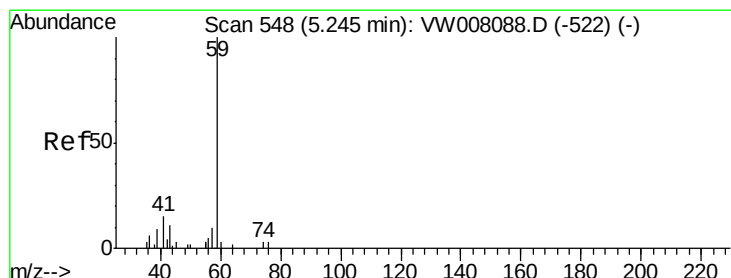
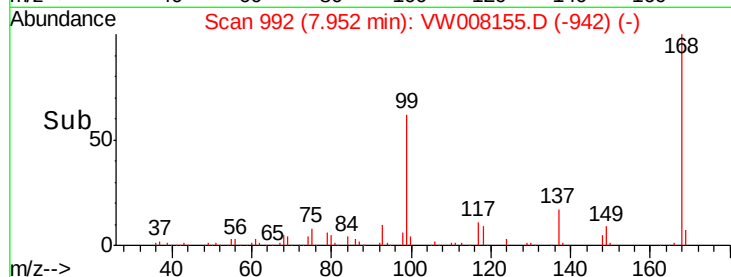
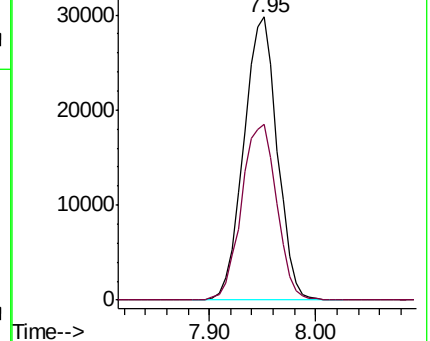
168 100

99 62.2 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: 5.24 min Scan# 547

Delta R.T. -0.01 min

Lab File: VW008155.D

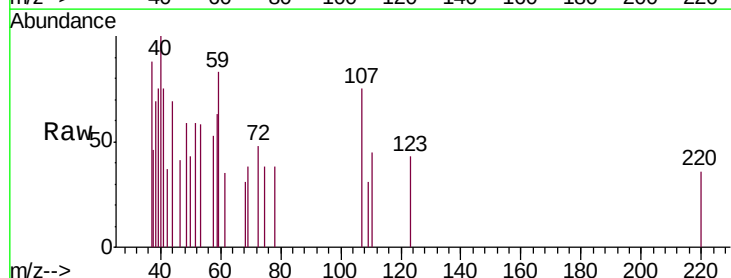
Acq: 10 Jan 2019 18:08

Tgt Ion: 59 Resp: 304

Ion Ratio Lower Upper

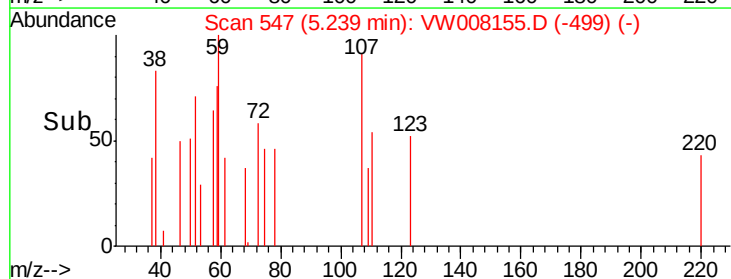
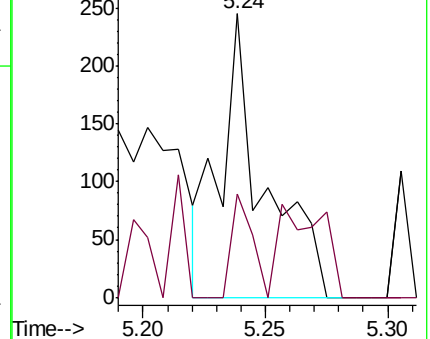
59 100

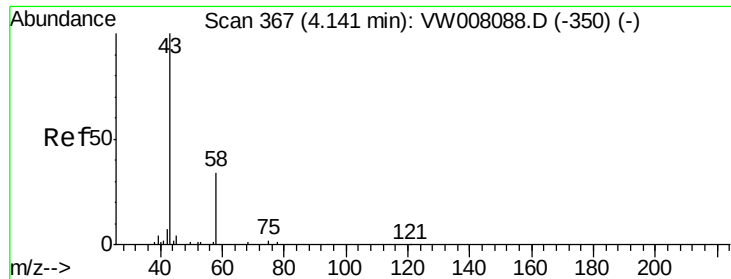
57 17.1 0.0 0.0#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

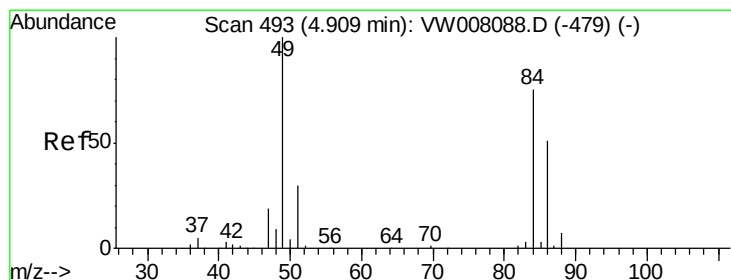
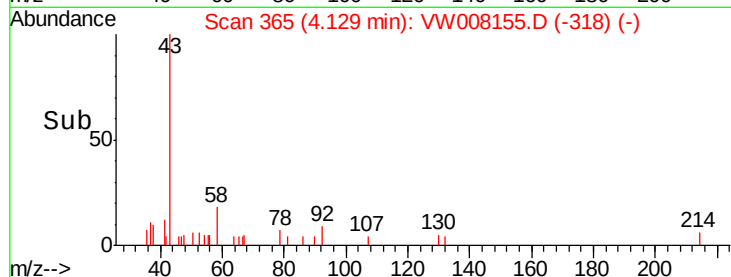
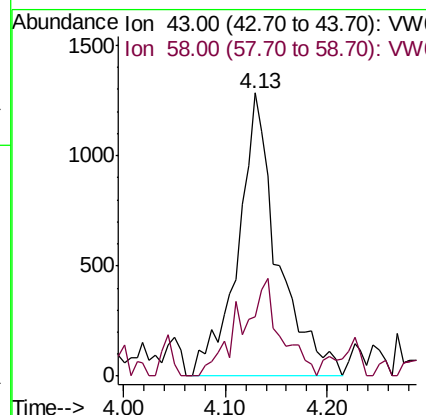
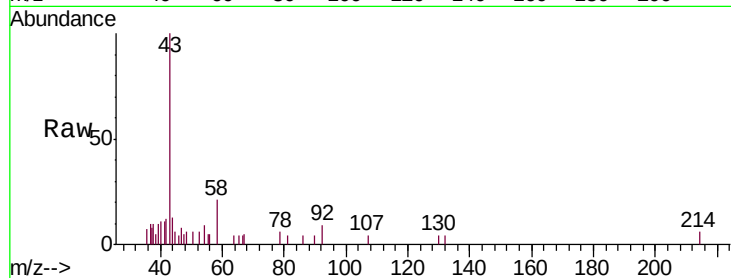




#16
Acetone
Concen: 5.574 ug/l
RT: 4.13 min Scan# 365
Delta R.T. -0.01 min
Lab File: VW008155.D
Acq: 10 Jan 2019 18:08

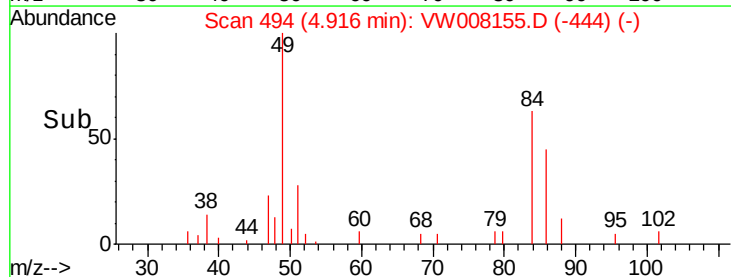
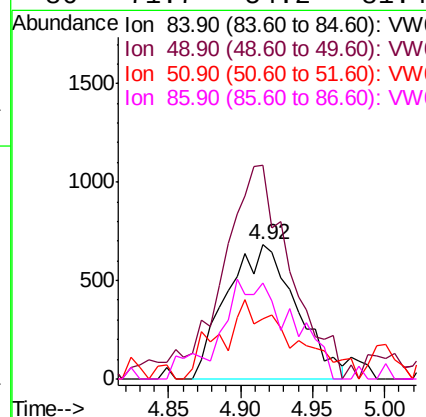
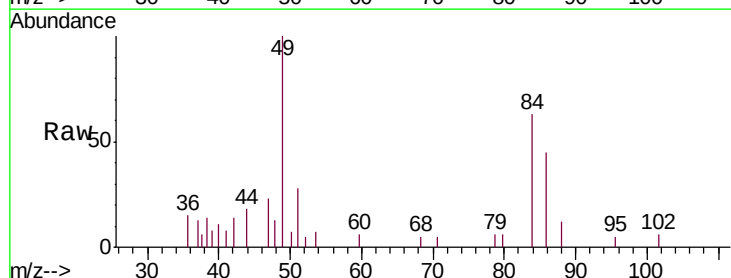
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MSVOA_W
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CPSB-06(10-15)

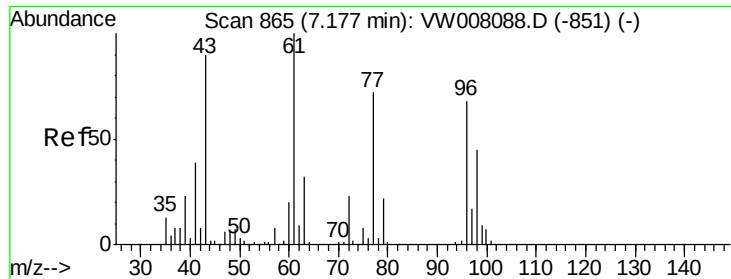
Tgt Ion: 43 Resp: 3482
Ion Ratio Lower Upper
43 100
58 21.1 27.5 41.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW008155.D
Acq: 10 Jan 2019 18:08

Tgt Ion: 84 Resp: 2298
Ion Ratio Lower Upper
84 100
49 159.1 107.1 160.7
51 37.4 32.4 48.6
86 71.7 54.2 81.4





#25

2-Butanone

Concen: 2.747 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW008155.D

Acq: 10 Jan 2019 18:08

Instrument :

MSVOA_W

ClientSampleId :

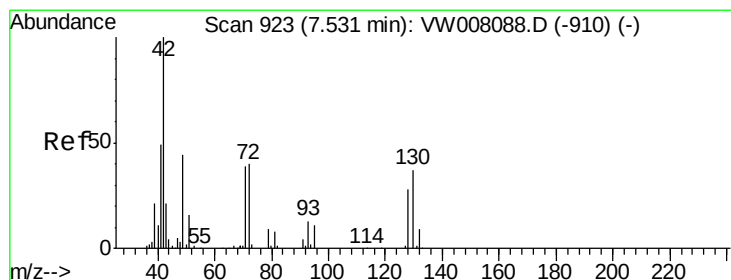
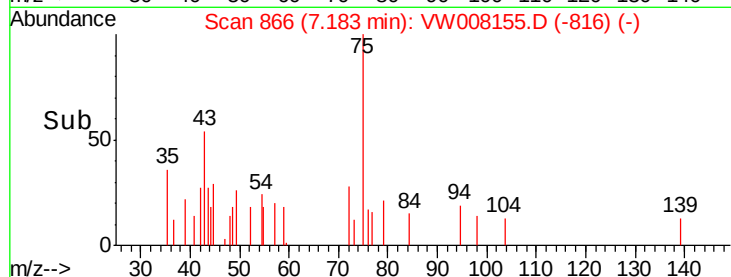
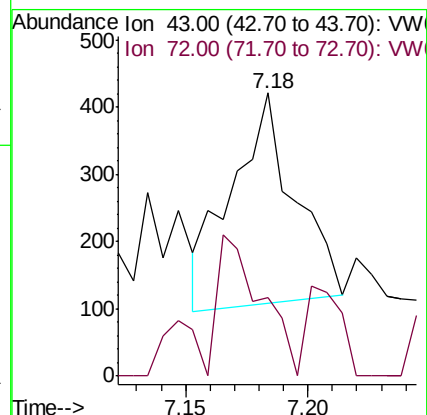
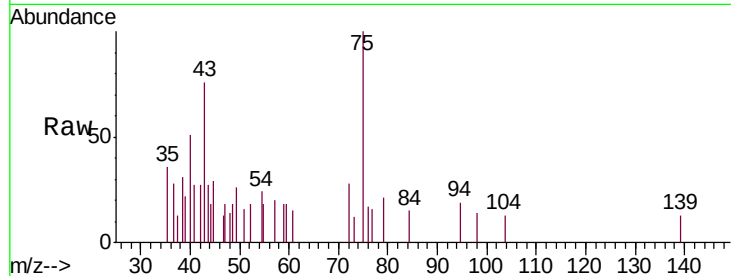
CPSB-06(10-15)

Tgt Ion: 43 Resp: 564

Ion Ratio Lower Upper

43 100

72 15.9 20.5 30.7#



#29

Tetrahydrofuran

Concen: 1.130 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW008155.D

Acq: 10 Jan 2019 18:08

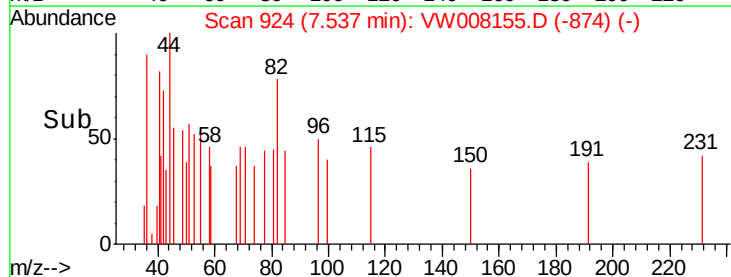
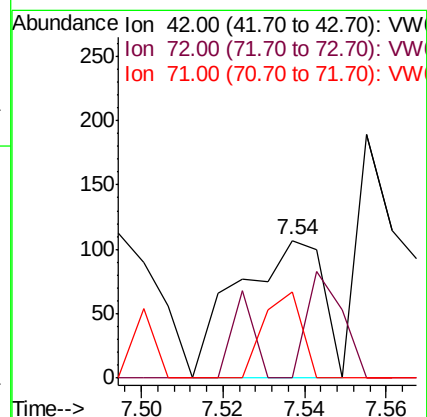
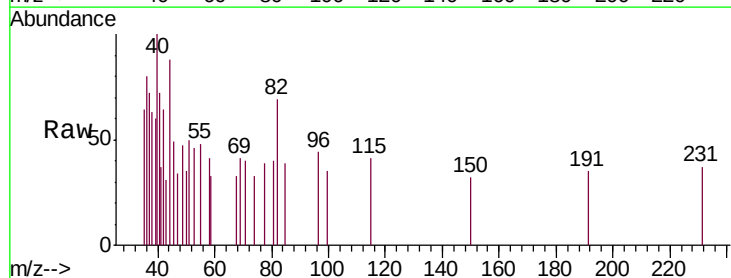
Tgt Ion: 42 Resp: 155

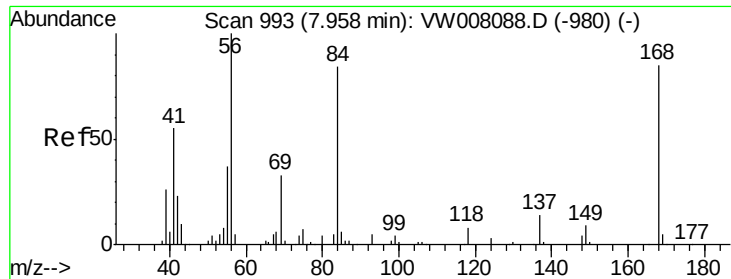
Ion Ratio Lower Upper

42 100

72 32.3 32.4 48.6#

71 28.4 31.3 46.9#

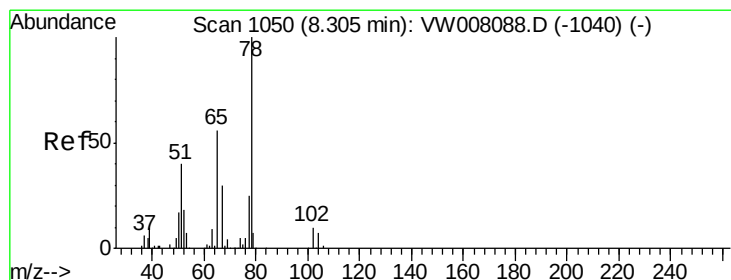
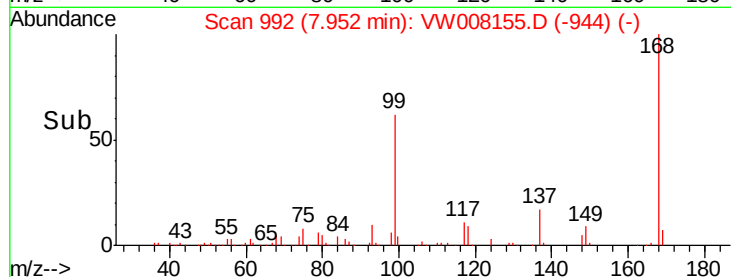
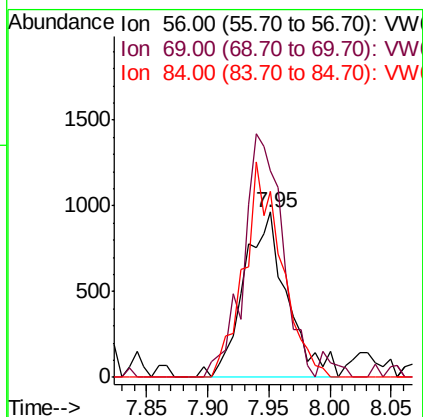
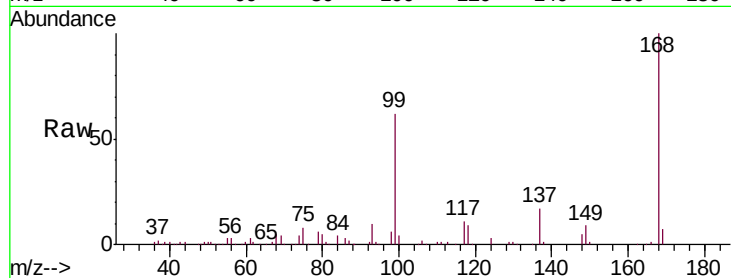




#31
Cyclohexane
Concen: 1.531 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW008155.D
Acq: 10 Jan 2019 18:08

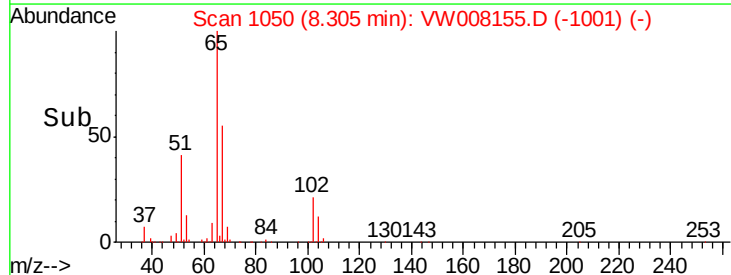
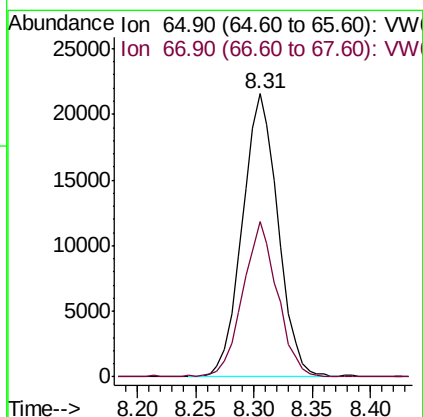
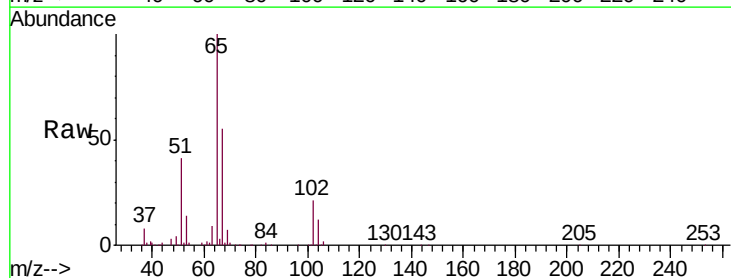
Instrument :
MSVOA_W
ClientSampleId :
CPSB-06(10-15)

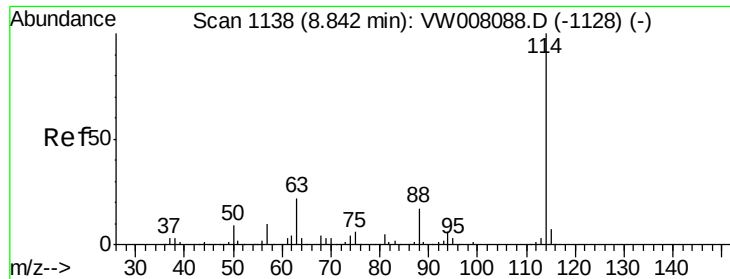
Tgt Ion: 56 Resp: 2377
Ion Ratio Lower Upper
56 100
69 124.9 26.2 39.4#
84 112.6 67.4 101.2#



#33
1,2-Dichloroethane-d4
Concen: 62.113 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW008155.D
Acq: 10 Jan 2019 18:08

Tgt Ion: 65 Resp: 45833
Ion Ratio Lower Upper
65 100
67 53.5 0.0 106.8

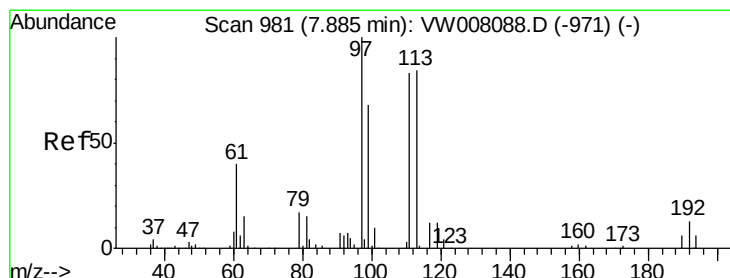
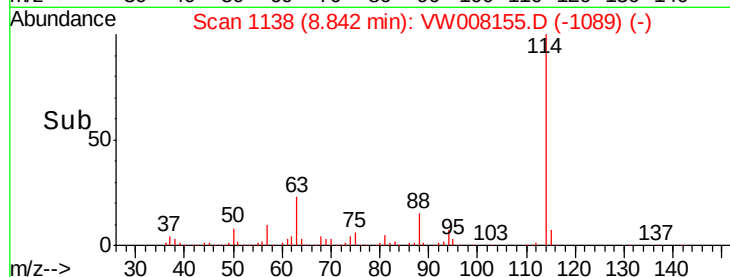
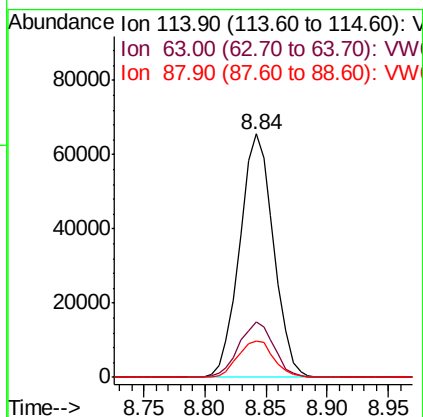
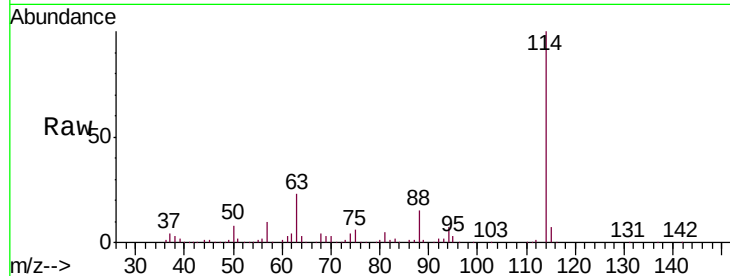




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008155.D
 Acq: 10 Jan 2019 18:08

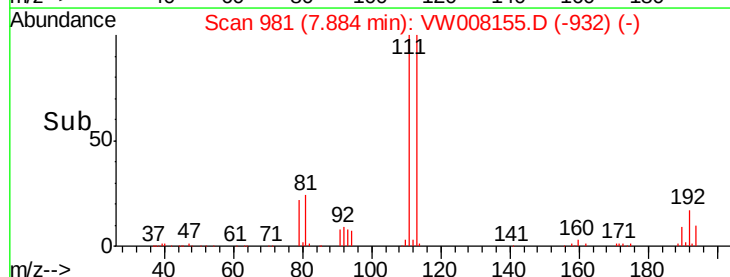
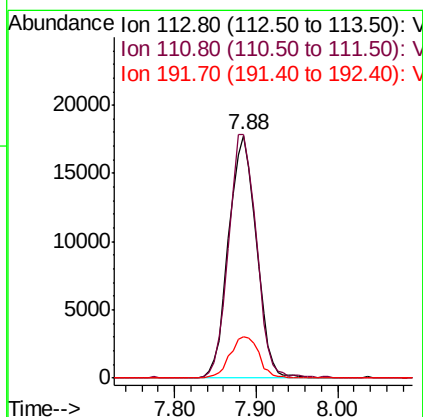
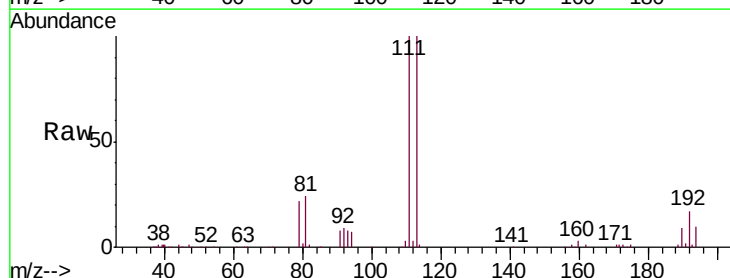
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 CPSB-06(10-15)

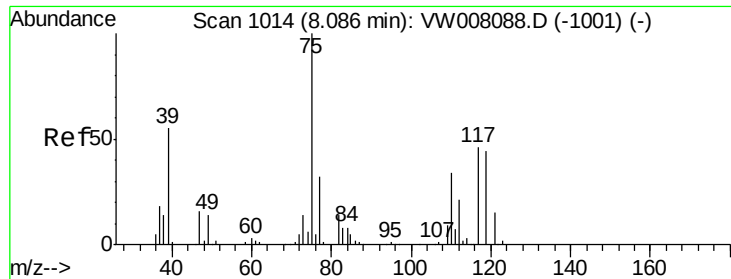
Tgt Ion:114 Resp: 125733
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 43.4
 88 14.6 0.0 33.4



#35
 Dibromofluoromethane
 Concen: 56.984 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008155.D
 Acq: 10 Jan 2019 18:08

Tgt Ion:113 Resp: 41788
 Ion Ratio Lower Upper
 113 100
 111 100.1 81.8 122.8
 192 17.5 12.8 19.2

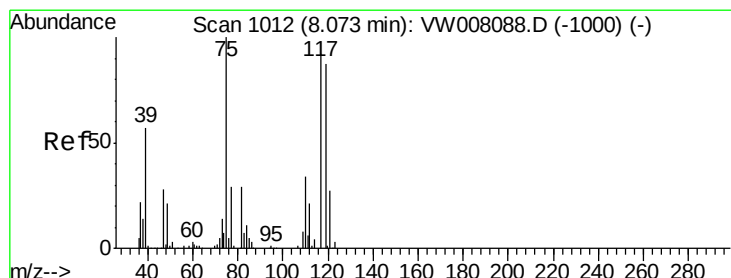
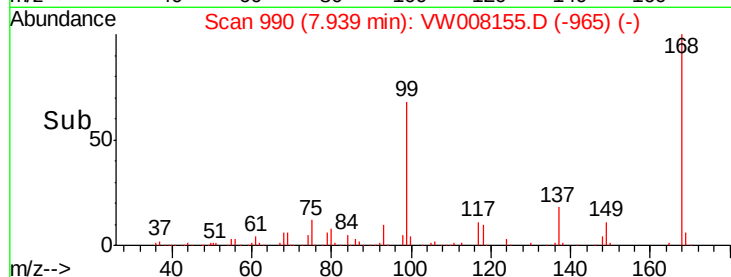
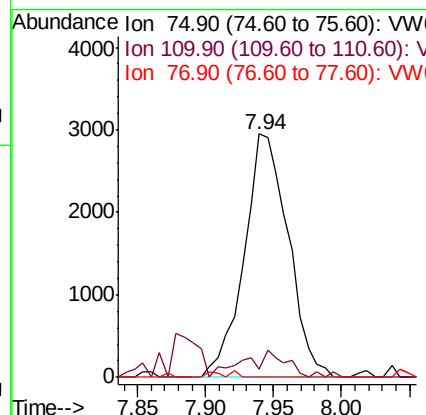
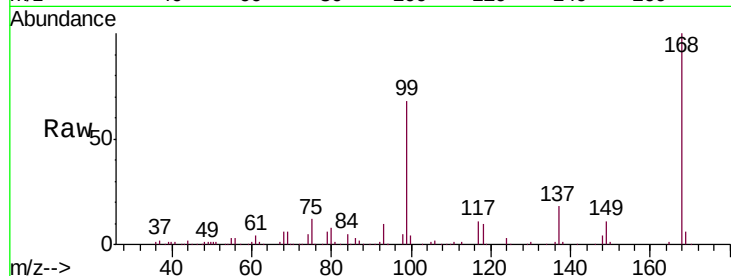




#36
 1,1-Dichloropropene
 Concen: 5.164 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.15 min
 Lab File: VW008155.D
 Acq: 10 Jan 2019 18:08

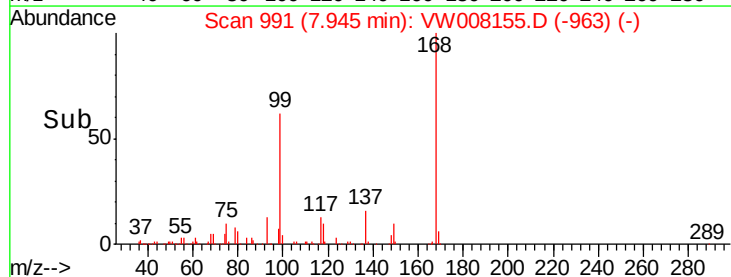
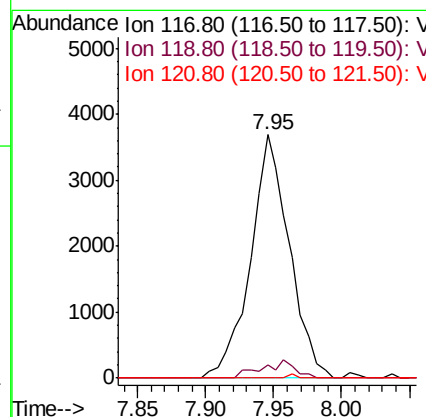
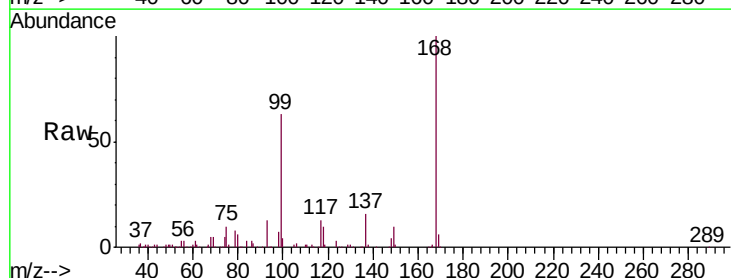
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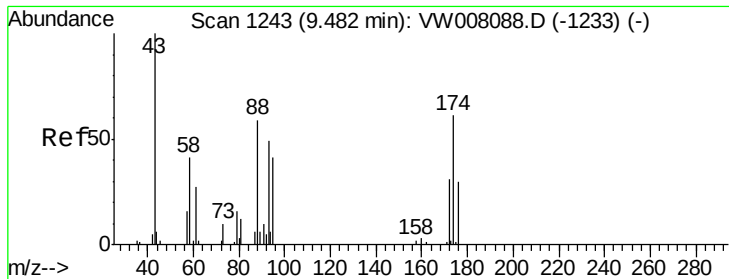
Tgt Ion: 75 Resp: 6688
 Ion Ratio Lower Upper
 75 100
 110 3.8 17.1 51.3#
 77 0.0 25.5 38.3#



#38
 Carbon Tetrachloride
 Concen: 6.212 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008155.D
 Acq: 10 Jan 2019 18:08

Tgt Ion: 117 Resp: 7364
 Ion Ratio Lower Upper
 117 100
 119 5.6 75.8 113.8#
 121 0.0 23.7 35.5#

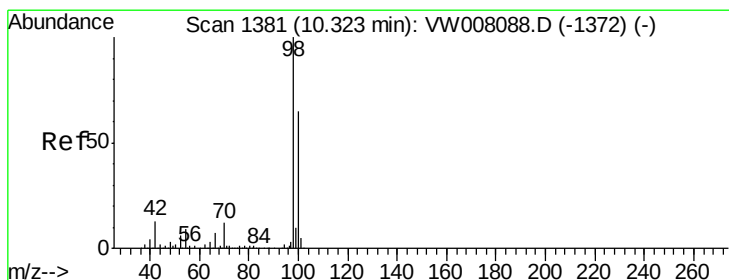
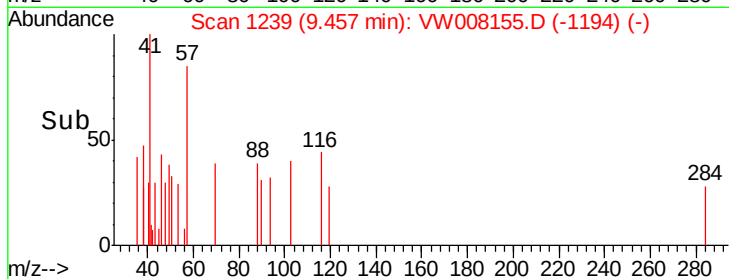
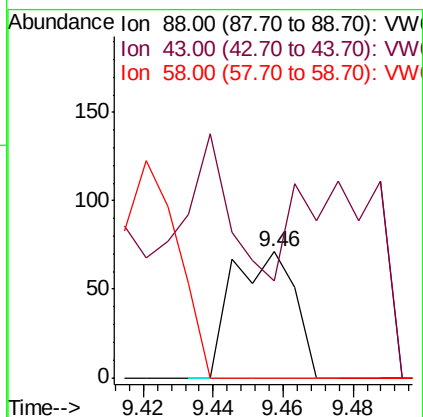
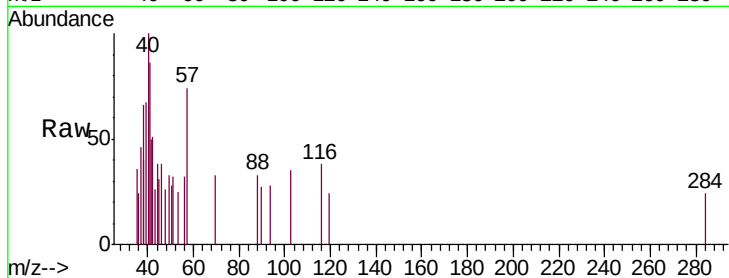




#49
1,4-Dioxane
Concen: 12.937 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. -0.02 min
Lab File: VW008155.D
Acq: 10 Jan 2019 18:08

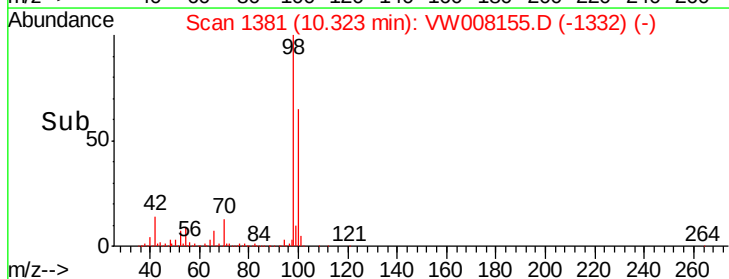
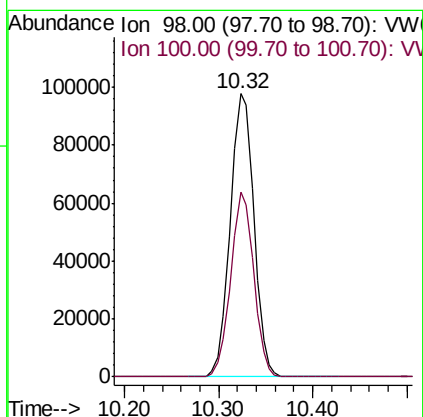
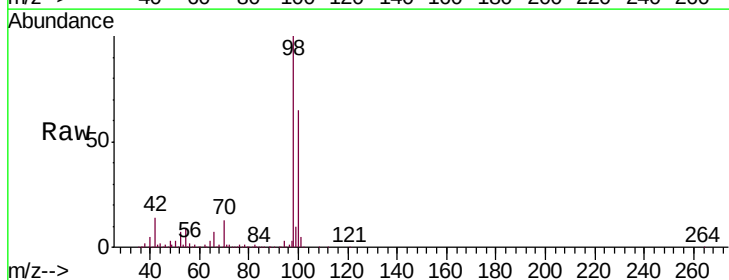
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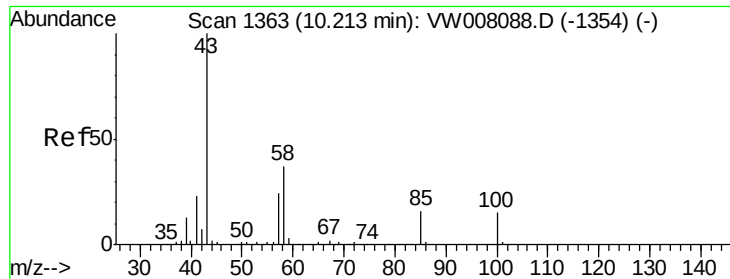
Tgt Ion: 88 Resp: 89
Ion Ratio Lower Upper
88 100
43 209.0 0.0 0.0#
58 0.0 61.7 92.5#



#50
Toluene-d8
Concen: 55.482 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008155.D
Acq: 10 Jan 2019 18:08

Tgt Ion: 98 Resp: 170737
Ion Ratio Lower Upper
98 100
100 63.4 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 1.484 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW008155.D

Acq: 10 Jan 2019 18:08

Instrument :

MSVOA_W

ClientSampleId :

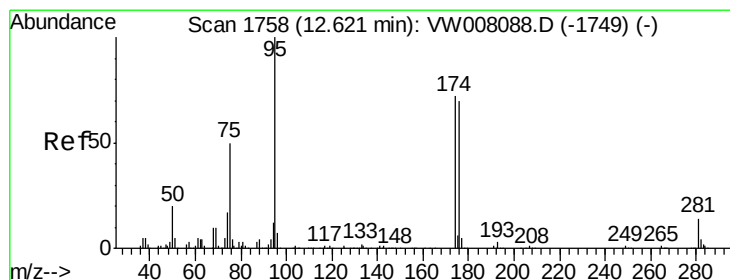
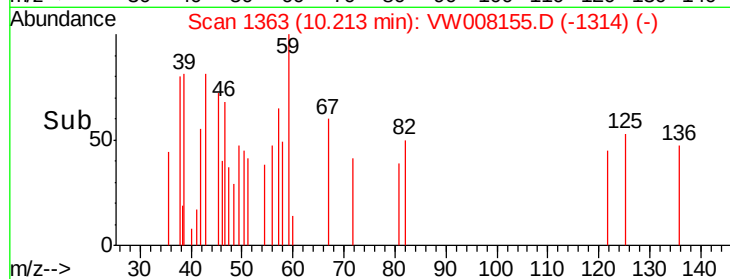
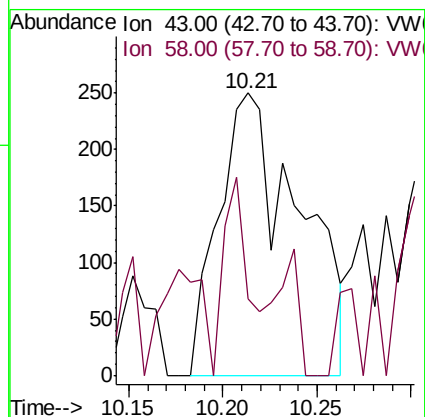
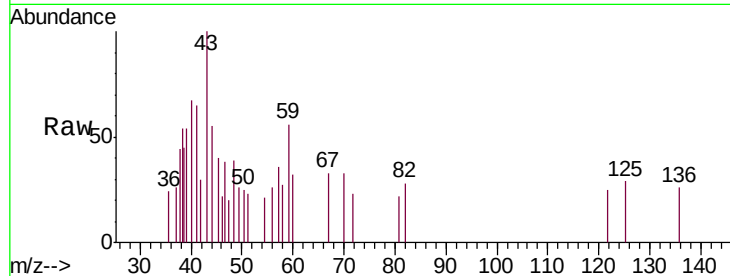
CPSB-06(10-15)

Tgt Ion: 43 Resp: 745

Ion Ratio Lower Upper

43 100

58 21.2 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 51.638 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008155.D

Acq: 10 Jan 2019 18:08

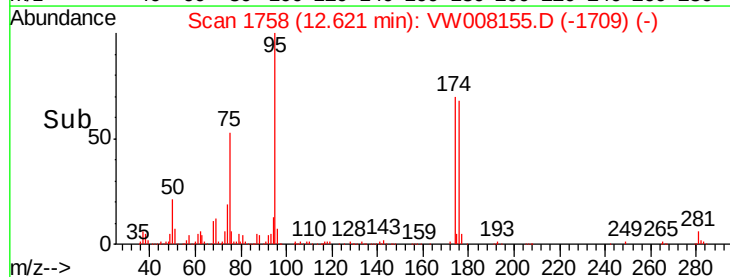
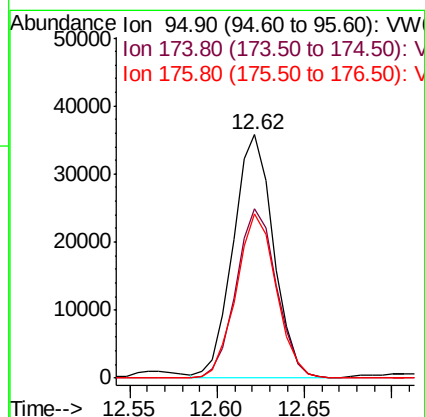
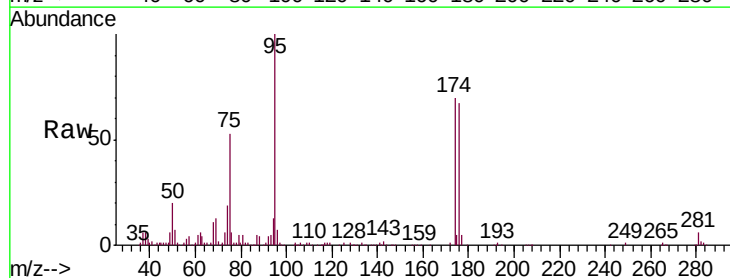
Tgt Ion: 95 Resp: 56967

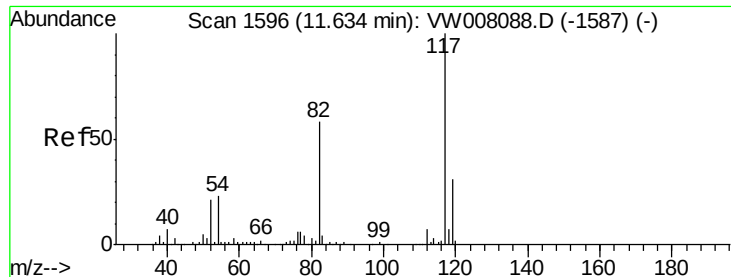
Ion Ratio Lower Upper

95 100

174 69.9 0.0 143.0

176 67.0 0.0 140.2

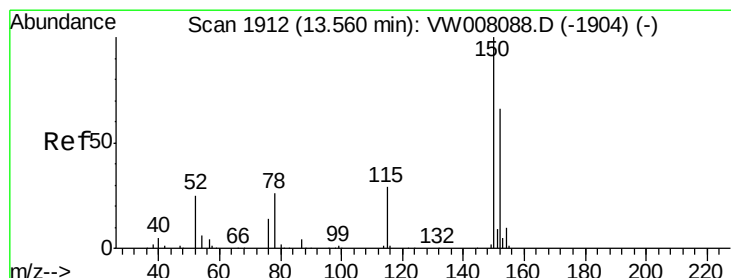
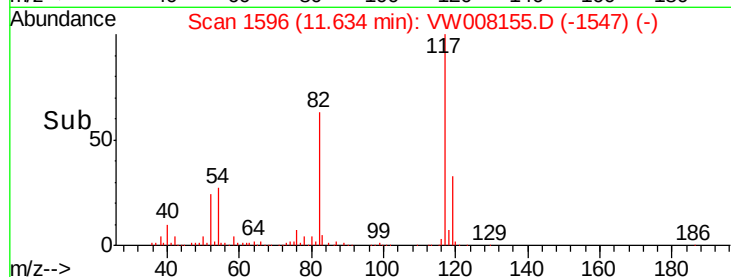
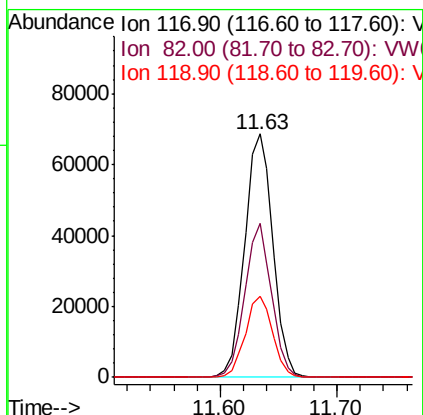
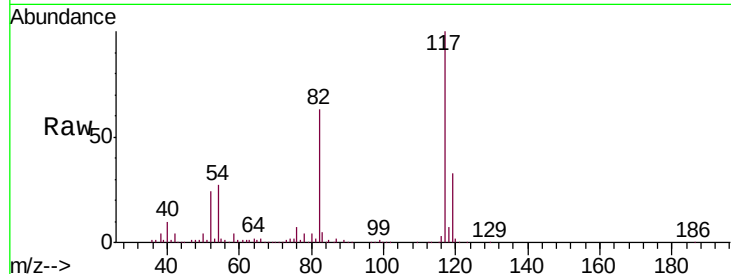




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008155.D
Acq: 10 Jan 2019 18:08

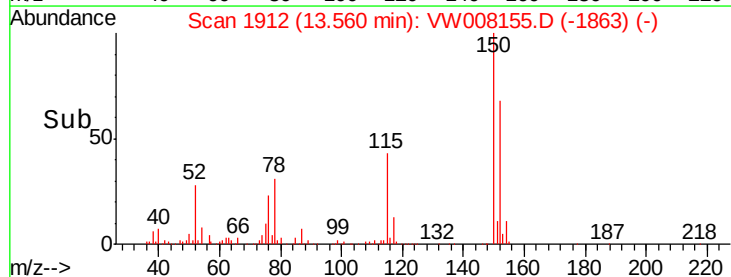
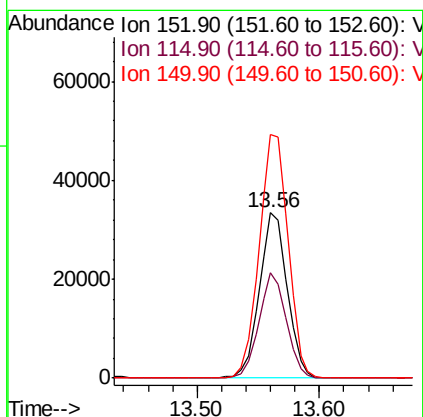
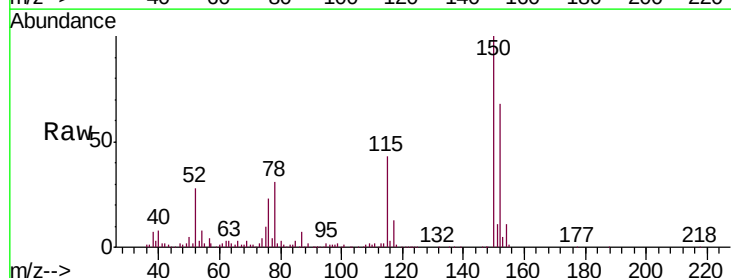
Instrument :
MSVOA_W
ClientSampleId :
CPSB-06(10-15)

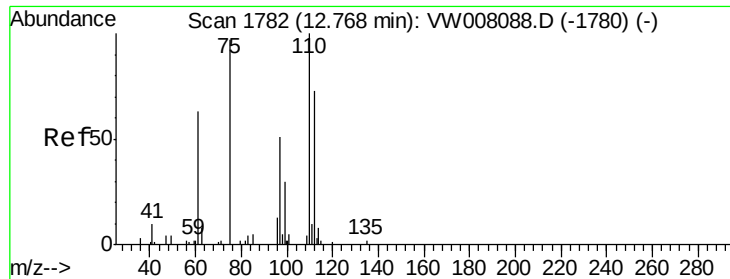
Tgt Ion:117 Resp: 115910
Ion Ratio Lower Upper
117 100
82 63.3 46.4 69.6
119 33.2 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008155.D
Acq: 10 Jan 2019 18:08

Tgt Ion:152 Resp: 53262
Ion Ratio Lower Upper
152 100
115 62.4 30.8 92.4
150 152.6 0.0 350.2





#76

1,2,3-Trichloropropane

Concen: 61.358 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008155.D

Acq: 10 Jan 2019 18:08

Instrument :

MSVOA_W

ClientSampleId :

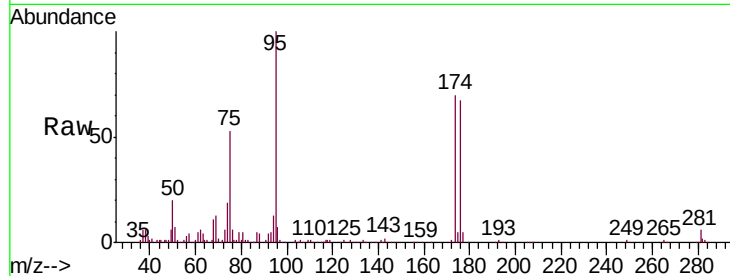
CPSB-06(10-15)

Tgt Ion: 75 Resp: 29792

Ion Ratio Lower Upper

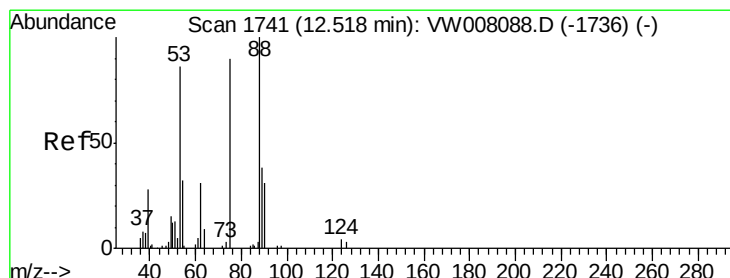
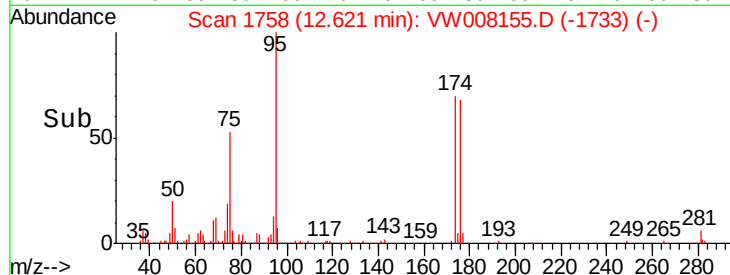
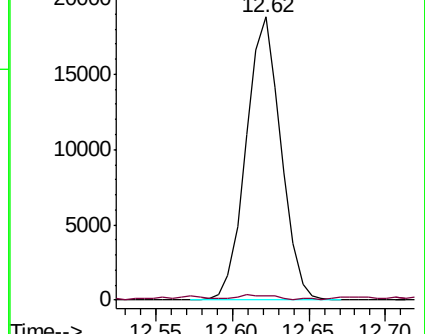
75 100

77 1.8 179.4 538.2#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#81

trans-1,4-Dichloro-2-butene

Concen: 142.885 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW008155.D

Acq: 10 Jan 2019 18:08

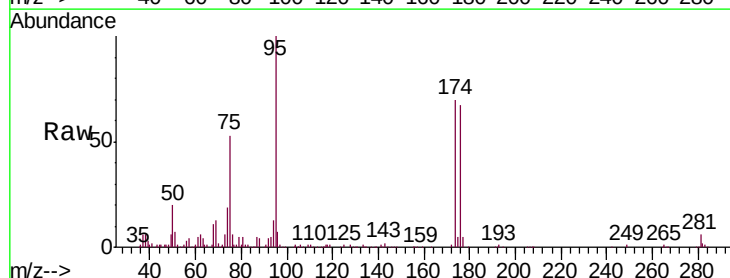
Tgt Ion: 75 Resp: 29792

Ion Ratio Lower Upper

75 100

53 0.0 78.8 118.2#

89 0.0 35.4 53.2#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

