

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010419\
 Data File : VW008046.D
 Acq On : 04 Jan 2019 14:36
 Operator : SY/AP
 Sample : K1044-02
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-08(20-25)

Quant Time: Jan 05 00:36:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 03 05:03:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	68209	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	117101	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	92551	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	46592	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	43528	57.70	ug/l	0.00
Spiked Amount			Recovery	=	115.40%	
35) Dibromofluoromethane	7.88	113	36300	49.17	ug/l	0.00
Spiked Amount			Recovery	=	98.34%	
50) Toluene-d8	10.32	98	137669	49.71	ug/l	0.00
Spiked Amount			Recovery	=	99.42%	
62) 4-Bromofluorobenzene	12.62	95	48870	46.02	ug/l	0.00
Spiked Amount			Recovery	=	92.04%	

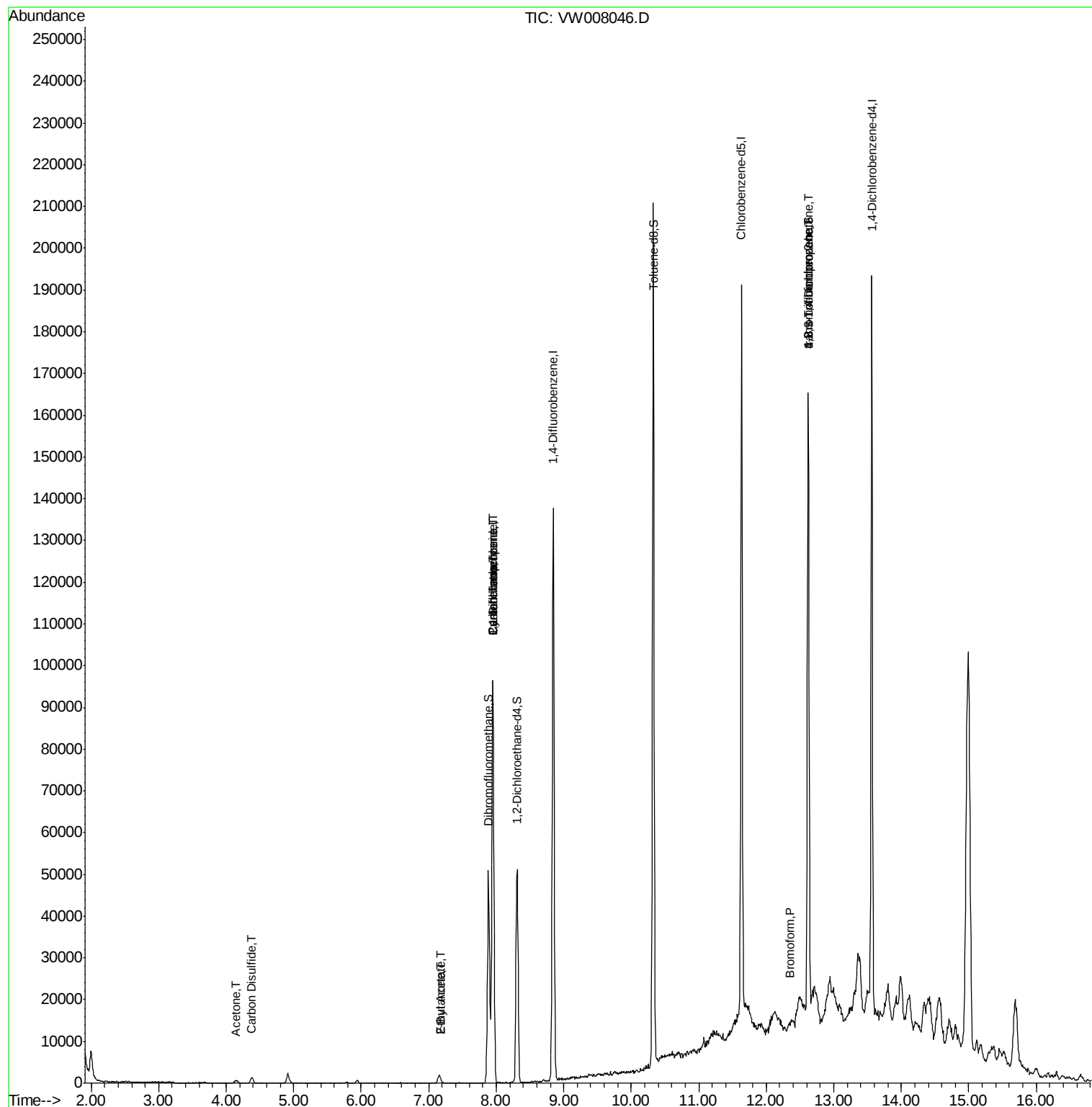
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	1697	14.531	ug/l #	76
17) Carbon Disulfide	4.38	76	3129	1.496	ug/l #	91
20) Methylene Chloride	4.91	84	1673	Below Cal	#	92
25) 2-Butanone	7.18	43	365	2.653	ug/l #	45
31) Cyclohexane	7.95	56	1357	1.177	ug/l #	41
36) 1,1-Dichloropropene	7.95	75	5425	4.696	ug/l #	52
37) Ethyl Acetate	7.18	43	365	1.052	ug/l #	67
38) Carbon Tetrachloride	7.95	117	7462	5.390	ug/l #	18
71) Bromoform	12.35	173	544	1.639	ug/l #	49
76) 1,2,3-Trichloropropane	12.62	75	26207	70.703	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	26207	167.202	ug/l #	6

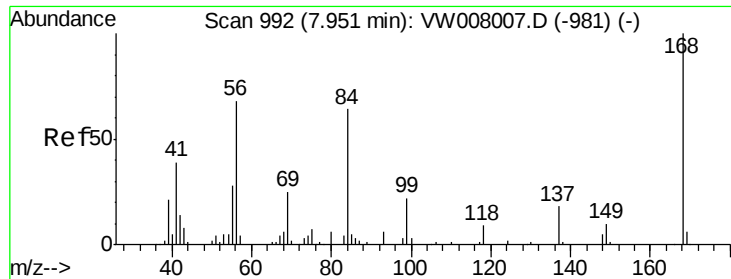
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jan 03 05:03:55 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008046.D

Acq: 04 Jan 2019 14:36

Instrument :

MSVOA_W

ClientSampleId :

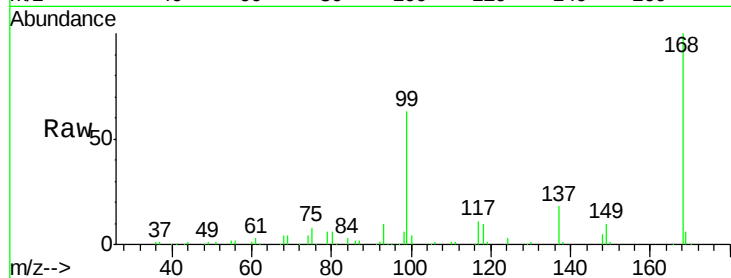
CPSB-08(20-25)

Tot Ion:168 Resp: 68209

Ion Ratio Lower Upper

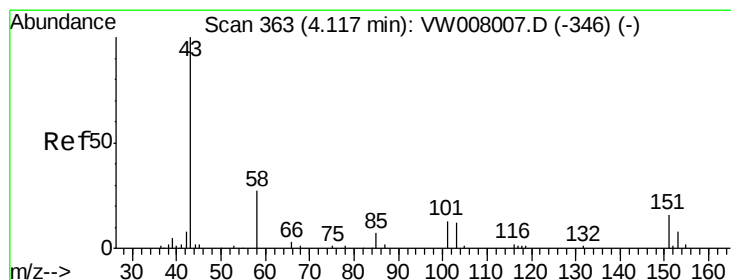
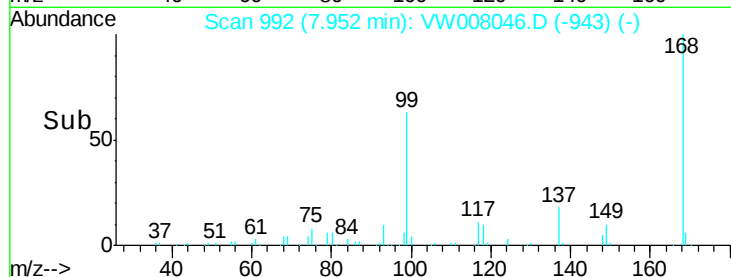
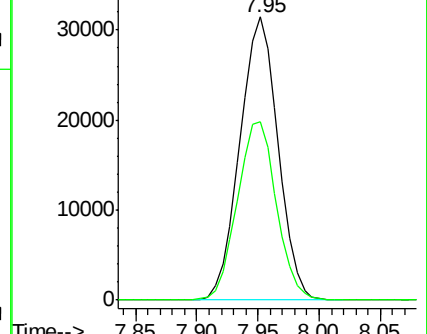
168 100

99 63.0 51.6 77.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 14.531 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW008046.D

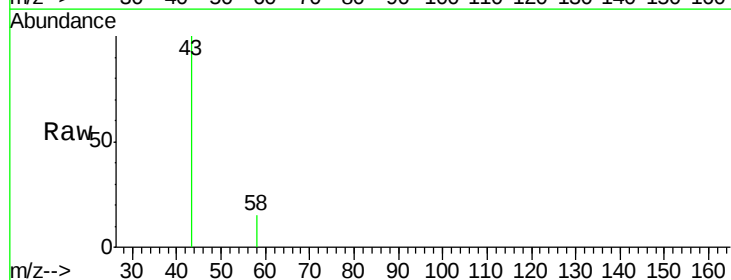
Acq: 04 Jan 2019 14:36

Tgt Ion: 43 Resp: 1697

Ion Ratio Lower Upper

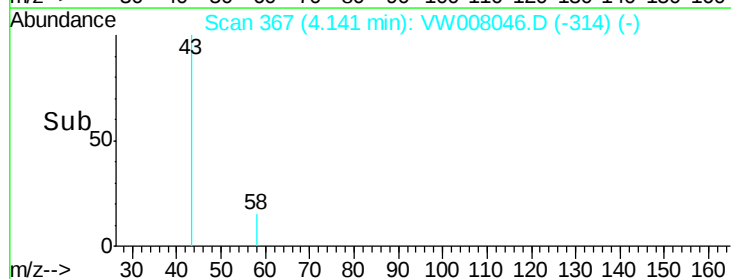
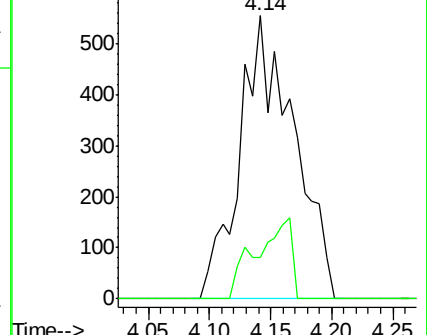
43 100

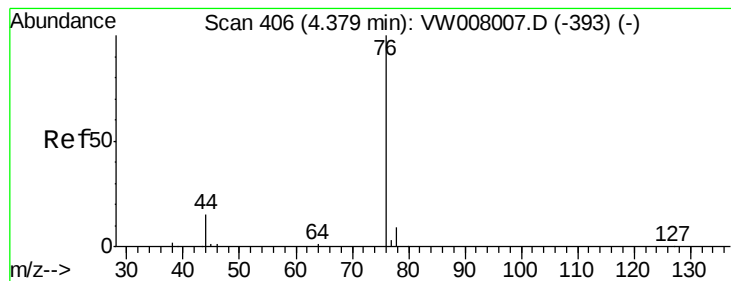
58 14.8 21.7 32.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 1.496 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW008046.D

Acq: 04 Jan 2019 14:36

Instrument :

MSVOA_W

ClientSampleId :

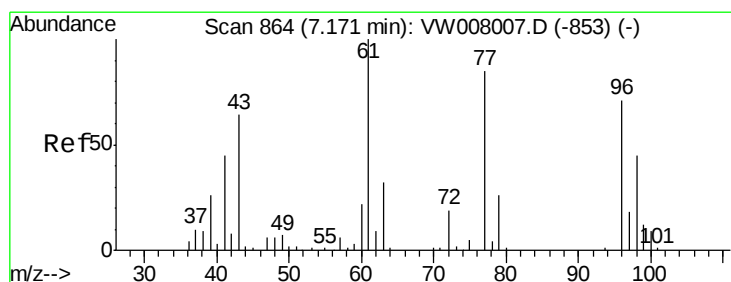
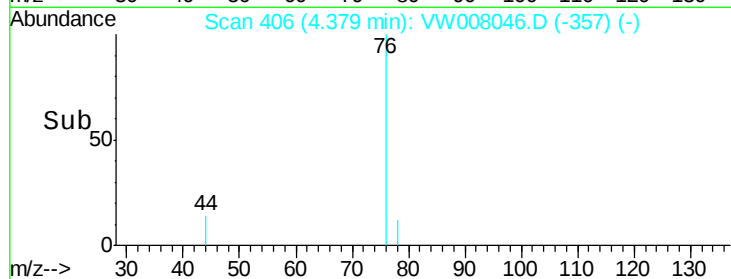
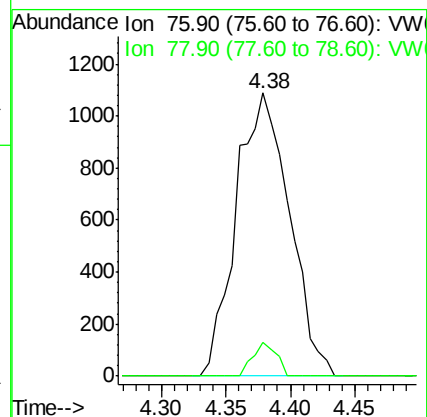
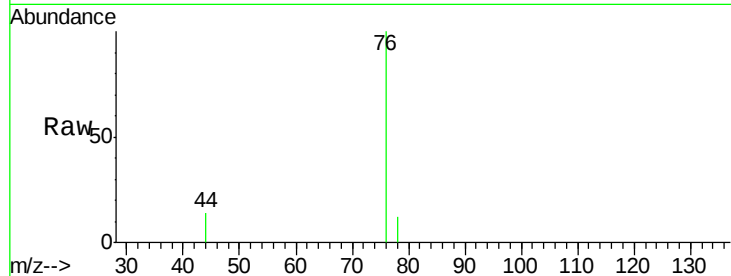
CPSB-08(20-25)

Tot Ion: 76 Resp: 3129

Ion Ratio Lower Upper

76 100

78 11.9 7.0 10.4#



#25

2-Butanone

Concen: 2.653 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW008046.D

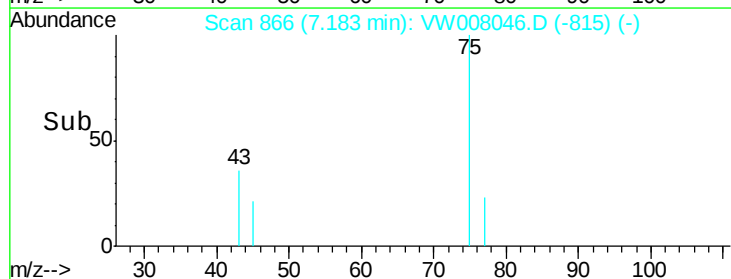
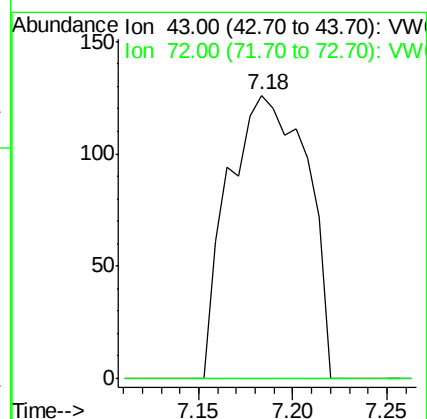
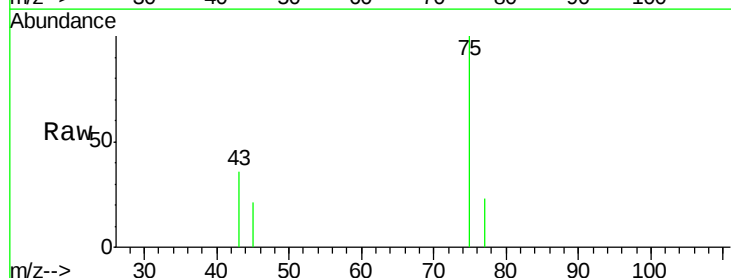
Acq: 04 Jan 2019 14:36

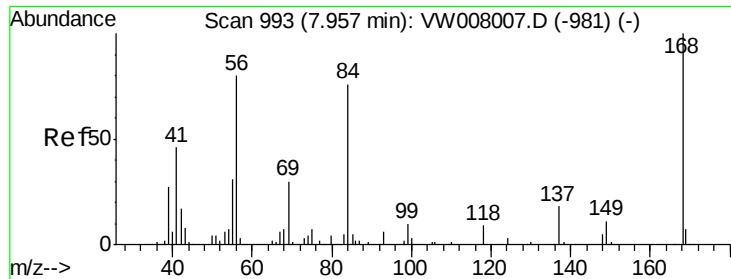
Tgt Ion: 43 Resp: 365

Ion Ratio Lower Upper

43 100

72 0.0 23.8 35.8#

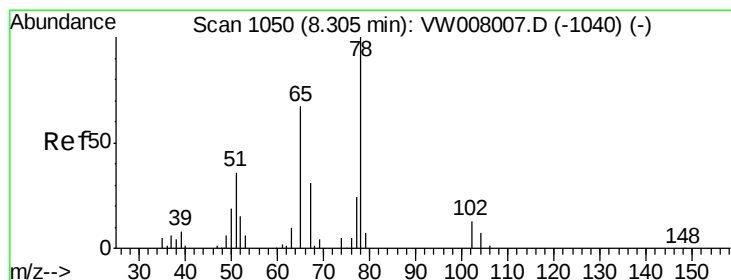
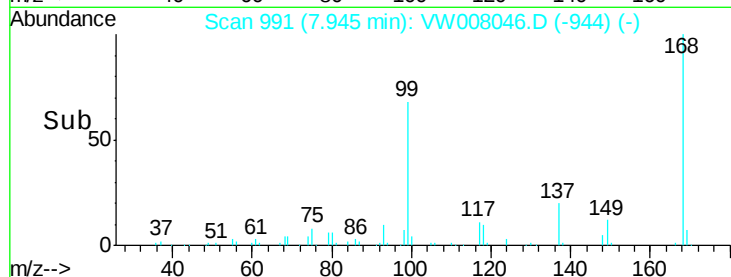
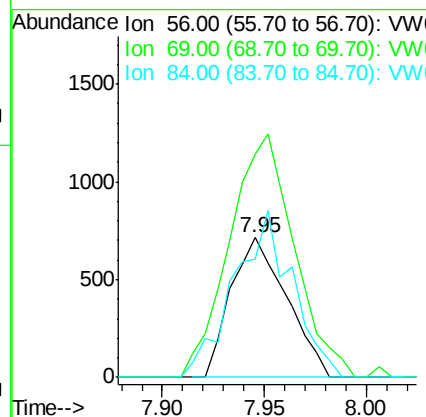
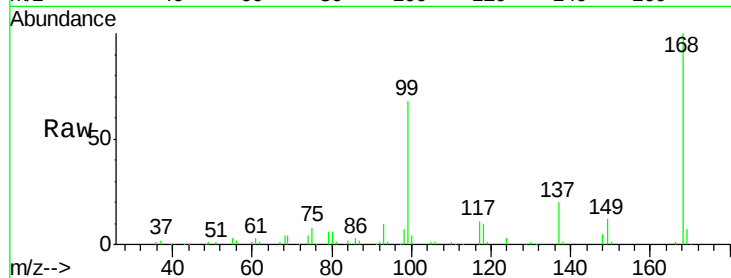




#31
Cyclohexane
Concen: 1.177 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008046.D
Acq: 04 Jan 2019 14:36

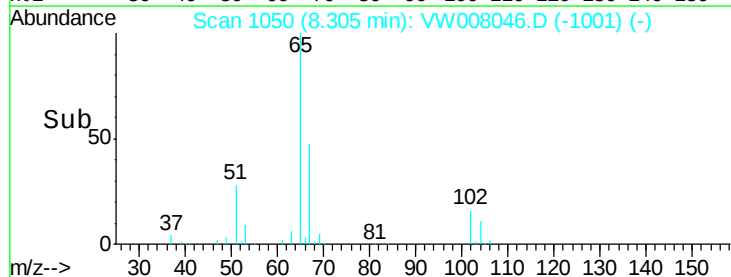
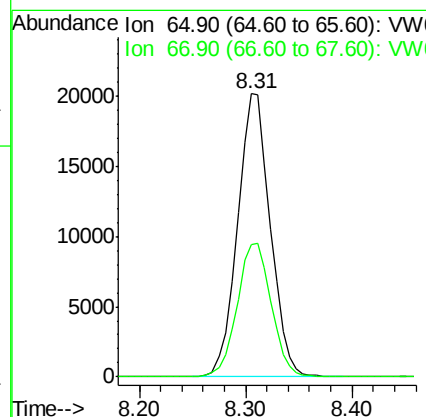
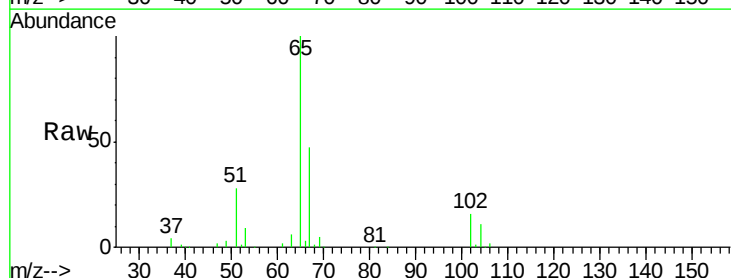
Instrument :
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CPSB-08(20-25)

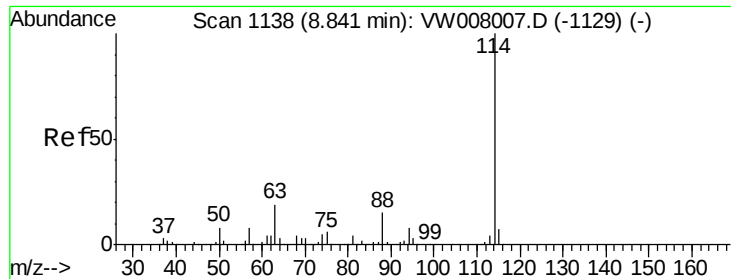
Tot Ion: 56 Resp: 1357
Ion Ratio Lower Upper
56 100
69 146.7 29.8 44.6#
84 84.2 75.2 112.8



#33
1,2-Dichloroethane-d4
Concen: 57.696 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008046.D
Acq: 04 Jan 2019 14:36

Tgt Ion: 65 Resp: 43528
Ion Ratio Lower Upper
65 100
67 49.1 0.0 94.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008046.D

Acq: 04 Jan 2019 14:36

Instrument :

MSVOA_W

ClientSampleId :

CPSB-08(20-25)

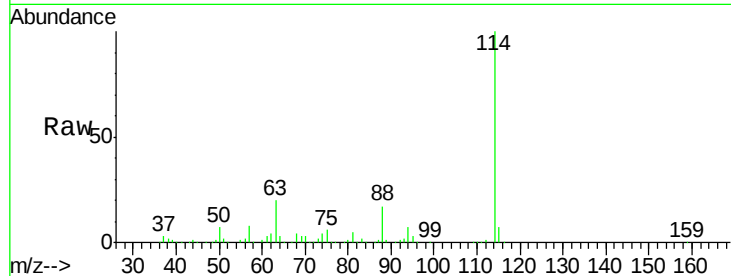
Tot Ion:114 Resp: 117101

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.8

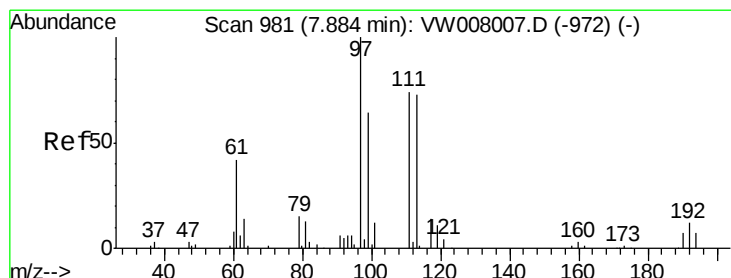
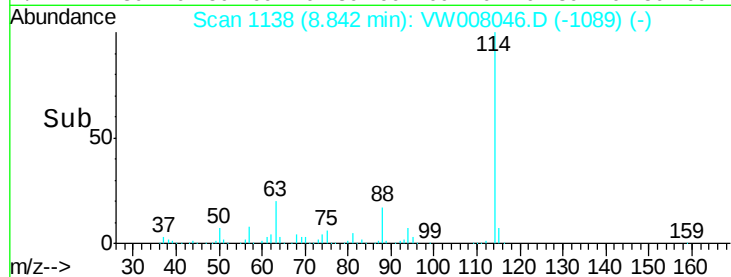
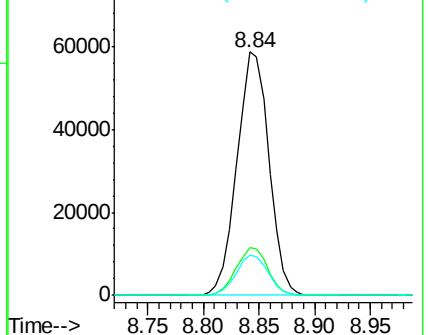
88 16.6 0.0 31.0



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: 49.173 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008046.D

Acq: 04 Jan 2019 14:36

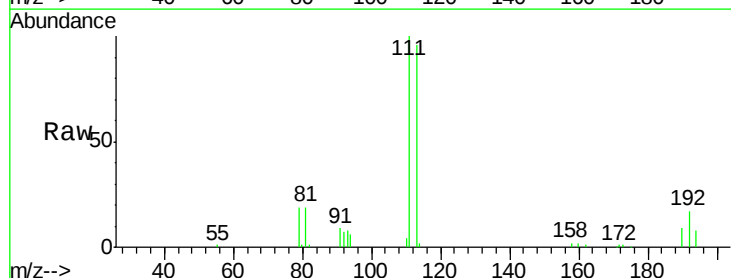
Tgt Ion:113 Resp: 36300

Ion Ratio Lower Upper

113 100

111 103.4 81.4 122.0

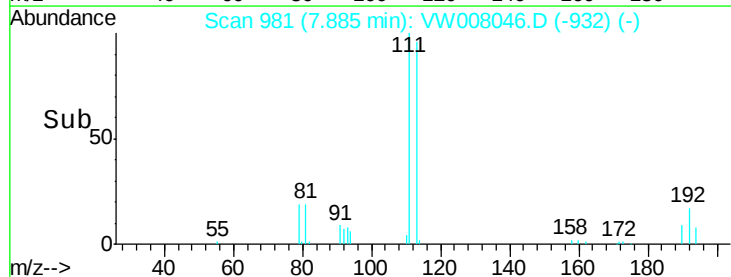
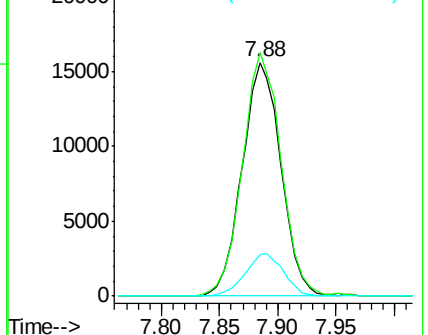
192 17.9 14.8 22.2

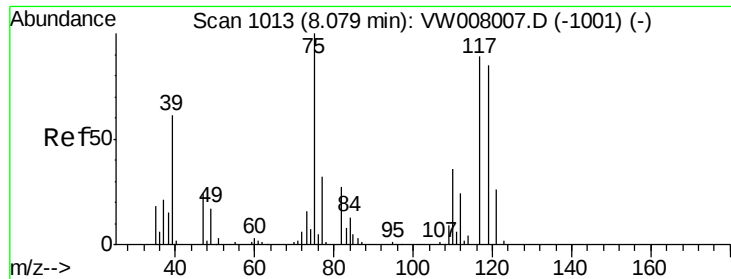


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

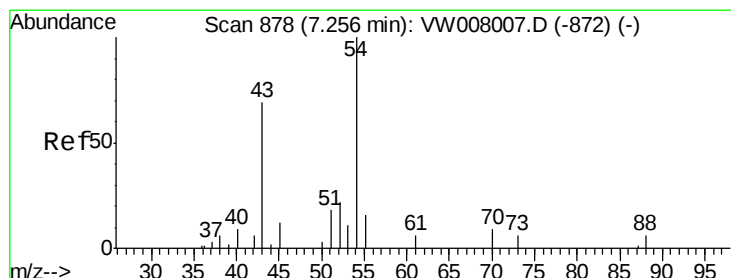
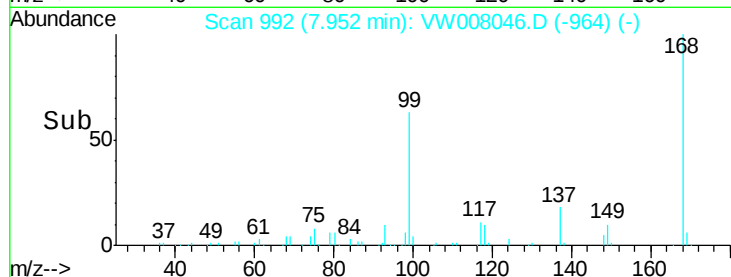
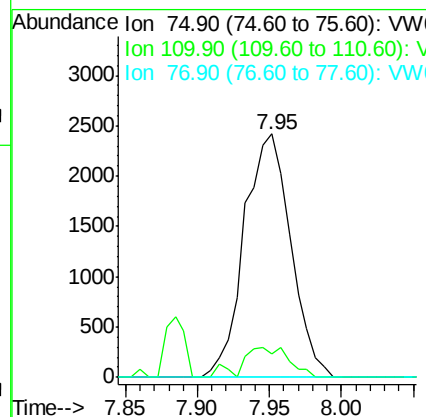
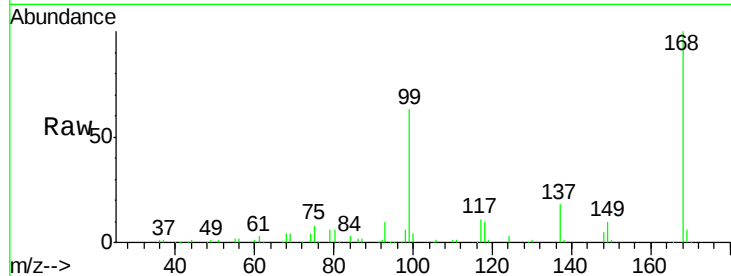




#36
 1,1-Dichloropropene
 Concen: 4.696 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW008046.D
 Acq: 04 Jan 2019 14:36

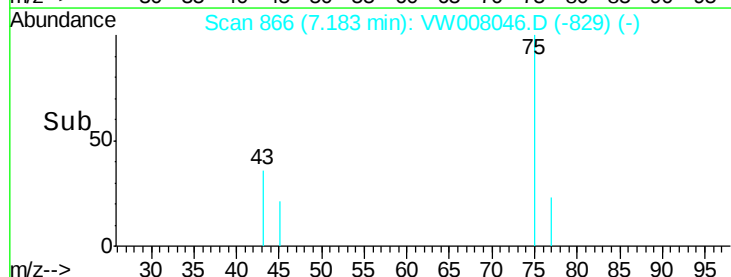
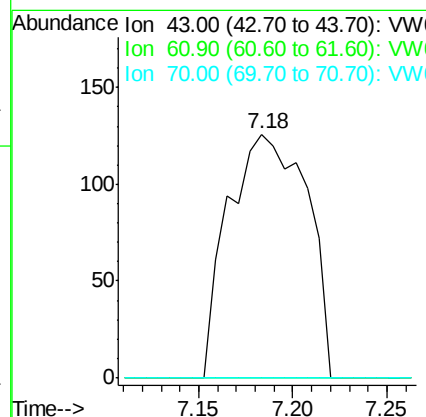
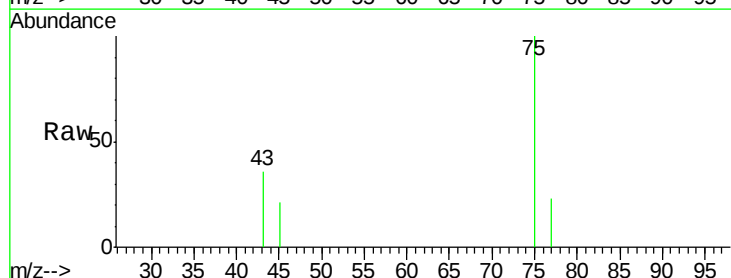
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 CPSB-08(20-25)

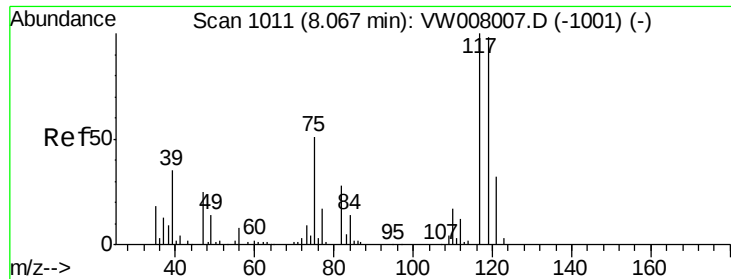
Tot Ion: 75 Resp: 5425
 Ion Ratio Lower Upper
 75 100
 110 12.4 18.1 54.3#
 77 0.0 25.3 37.9#



#37
 Ethyl Acetate
 Concen: 1.052 ug/l
 RT: 7.18 min Scan# 866
 Delta R.T. -0.07 min
 Lab File: VW008046.D
 Acq: 04 Jan 2019 14:36

Tgt Ion: 43 Resp: 365
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.4 17.2#
 70 0.0 9.4 14.0#

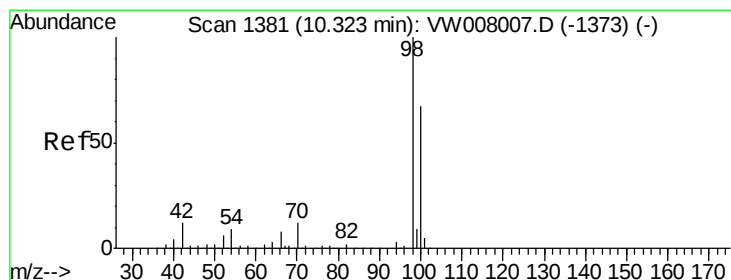
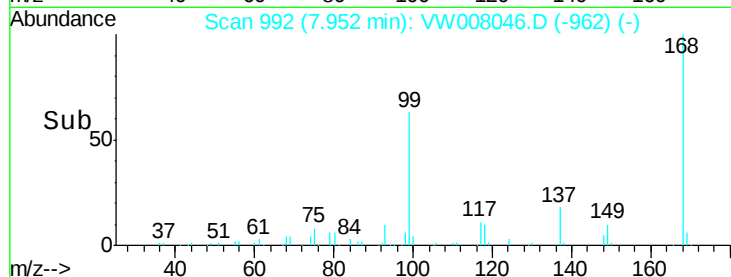
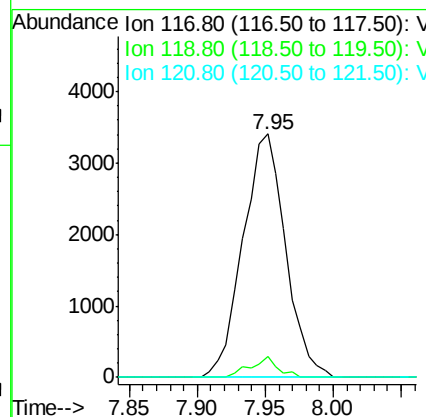
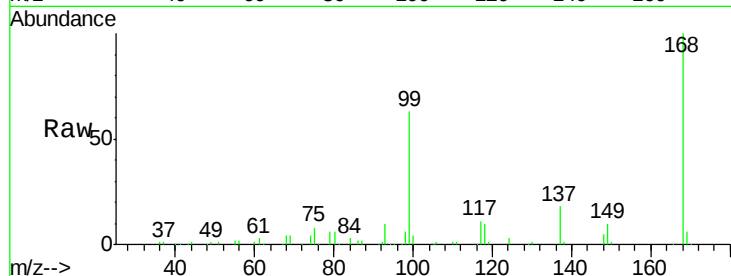




#38
Carbon Tetrachloride
Concen: 5.390 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW008046.D
Acq: 04 Jan 2019 14:36

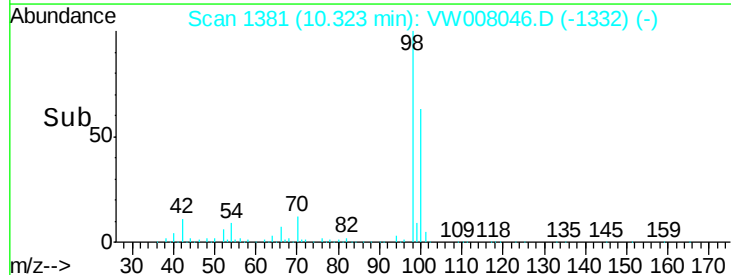
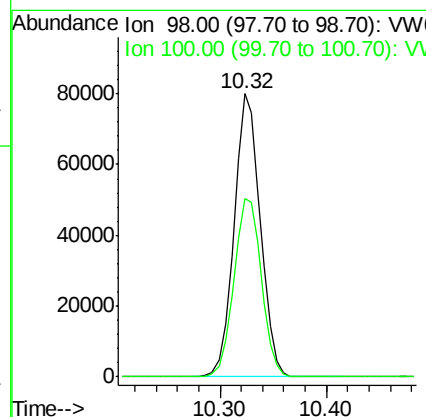
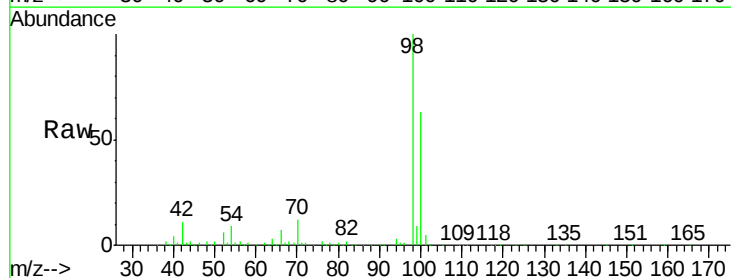
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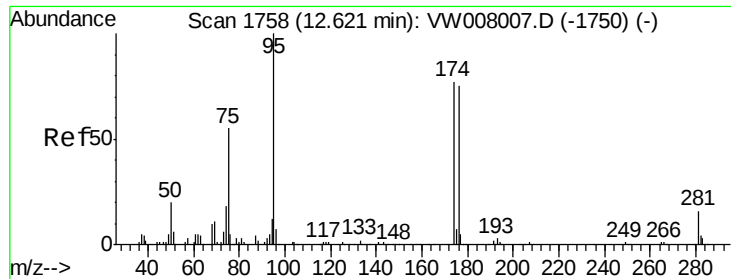
Tot Ion:117 Resp: 7462
Ion Ratio Lower Upper
117 100
119 8.8 78.7 118.1#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 49.714 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008046.D
Acq: 04 Jan 2019 14:36

Tgt Ion: 98 Resp: 137669
Ion Ratio Lower Upper
98 100
100 66.1 52.9 79.3





#62

4-Bromofluorobenzene

Concen: 46.017 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008046.D

Acq: 04 Jan 2019 14:36

Instrument :

MSVOA_W

ClientSampleId :

CPSB-08(20-25)

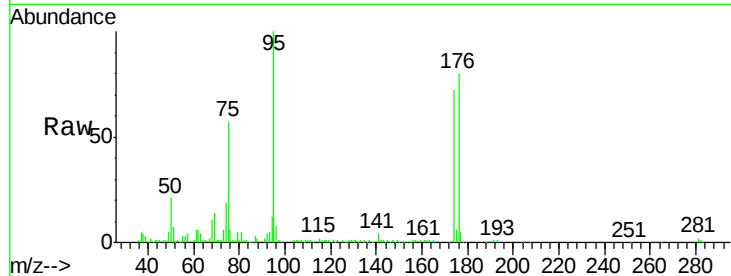
Tot Ion: 95 Resp: 48870

Ion Ratio Lower Upper

95 100

174 72.4 0.0 149.6

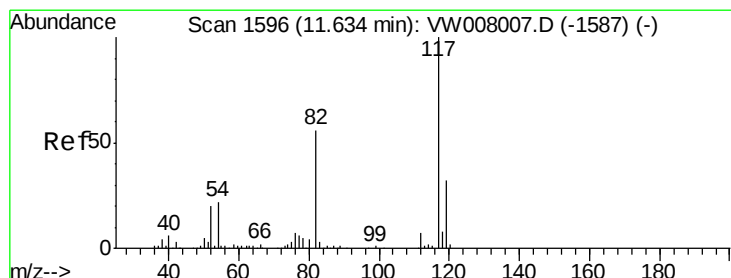
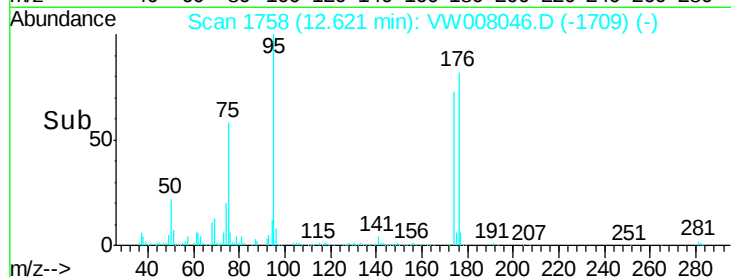
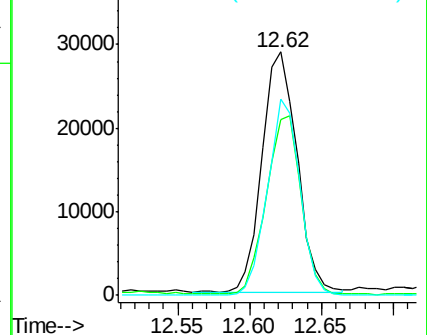
176 75.0 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008046.D

Acq: 04 Jan 2019 14:36

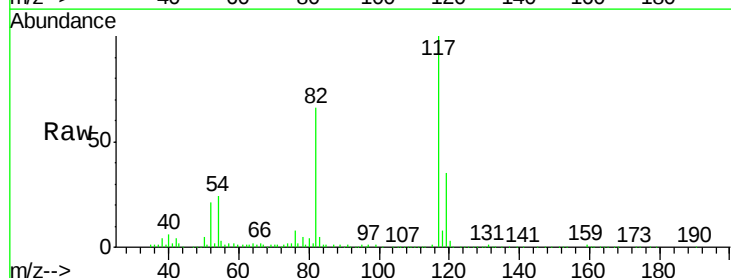
Tgt Ion: 117 Resp: 92551

Ion Ratio Lower Upper

117 100

82 65.5 44.8 67.2

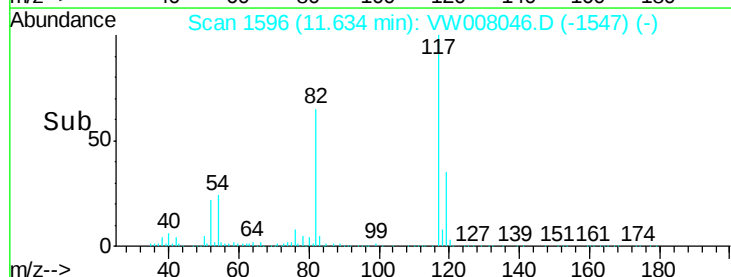
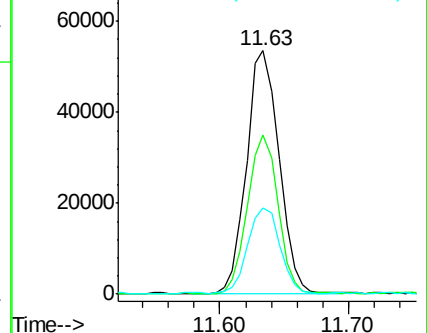
119 34.9 25.6 38.4

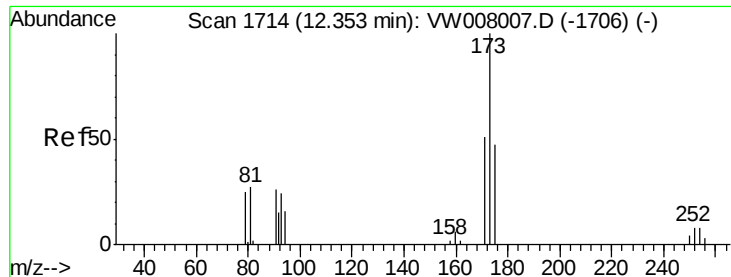


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#71

Bromoform

Concen: 1.639 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW008046.D

Acq: 04 Jan 2019 14:36

Instrument :

MSVOA_W

ClientSampleId :

CPSB-08(20-25)

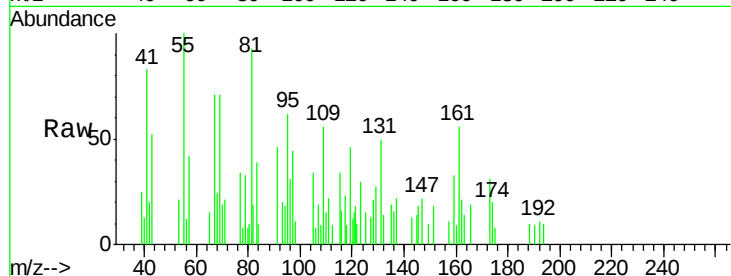
Tot Ion:173 Resp: 544

Ion Ratio Lower Upper

173 100

175 13.4 23.6 71.0#

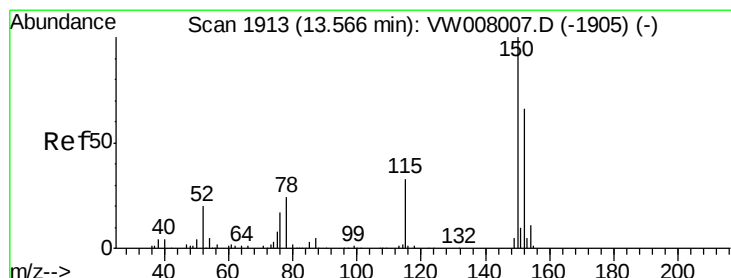
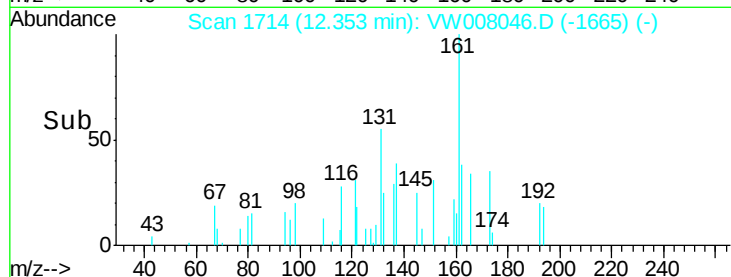
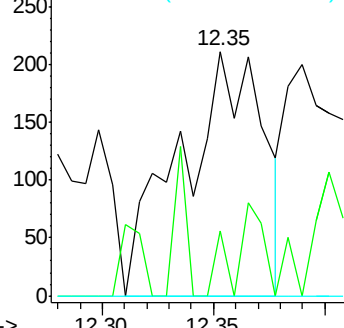
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW008046.D

Acq: 04 Jan 2019 14:36

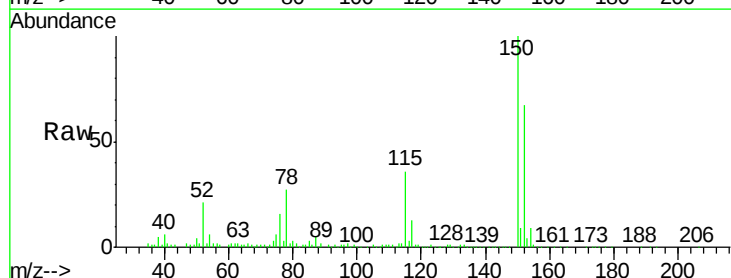
Tgt Ion:152 Resp: 46592

Ion Ratio Lower Upper

152 100

115 61.9 32.1 96.5

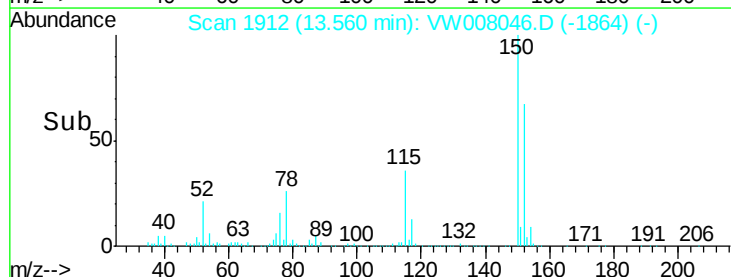
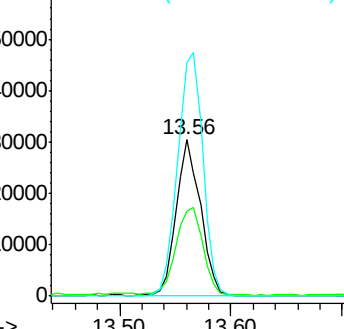
150 160.2 0.0 345.0

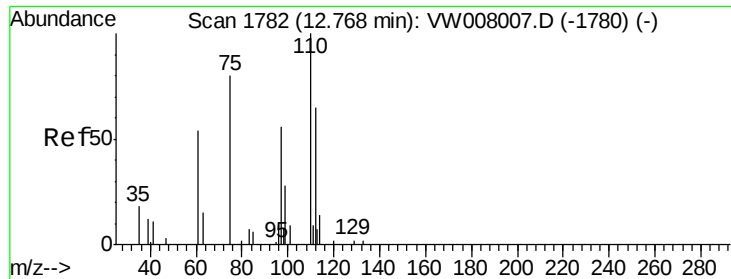


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

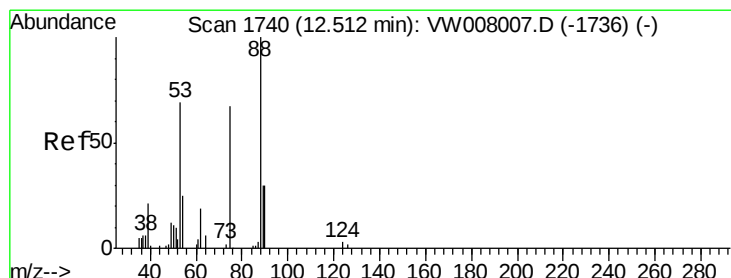
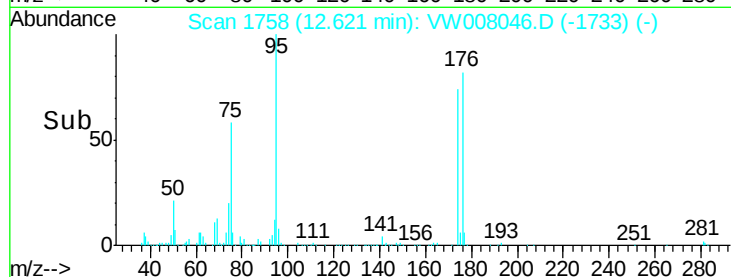
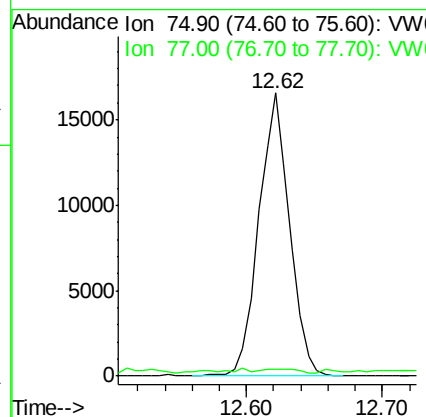
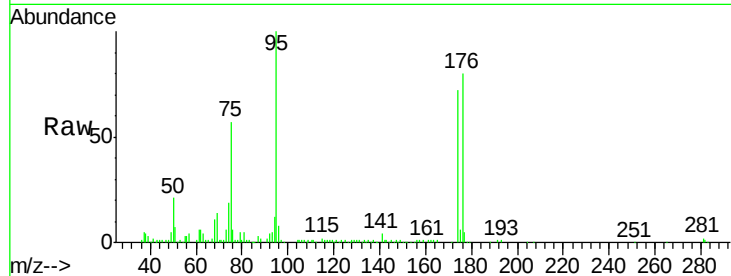




#76
 1,2,3-Trichloropropane
 Concen: 70.703 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW008046.D
 Acq: 04 Jan 2019 14:36

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-08(20-25)

Tot Ion: 75 Resp: 26207
 Ion Ratio Lower Upper
 75 100
 77 1.8 186.2 558.6#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 167.202 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.11 min
 Lab File: VW008046.D
 Acq: 04 Jan 2019 14:36

Tgt Ion: 75 Resp: 26207
 Ion Ratio Lower Upper
 75 100
 53 0.5 87.6 131.4#
 89 0.0 42.2 63.2#

