

Data File : VW008159.D
Acq On : 10 Jan 2019 19:54
Operator : SY/AP
Sample : K1088-06
Misc : 5.02G/5ML/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CPSB-05(10-15)

Quant Time: Jan 11 05:14:52 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	95292	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	172916	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	162470	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	76085	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	54009	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
35) Dibromofluoromethane	7.88	113	52862	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
50) Toluene-d8	10.32	98	223977	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	
62) 4-Bromofluorobenzene	12.62	95	78280	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	

Target Compounds

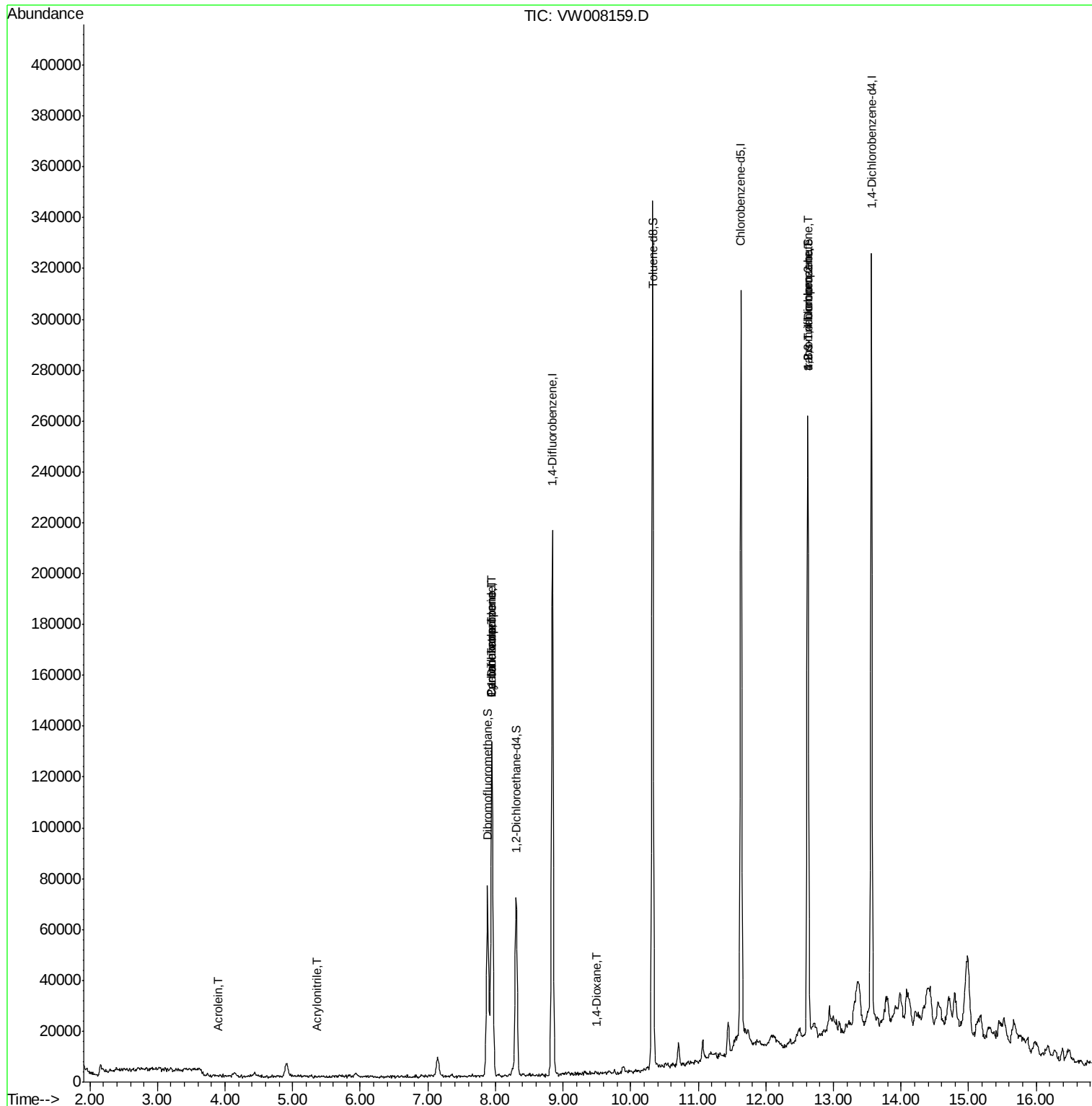
						Qvalue
11) Tert butyl alcohol	5.28	59	130	Below Cal	#	100
13) Acrolein	3.90	56	259	2.149	ug/l #	26
15) Acrylonitrile	5.36	53	235	1.020	ug/l #	25
16) Acetone	4.13	43	3260	Below Cal		93
20) Methylene Chloride	4.90	84	4090	Below Cal	#	78
31) Cyclohexane	7.94	56	2325	1.032	ug/l #	3
36) 1,1-Dichloropropene	7.95	75	8028	4.507	ug/l #	50
38) Carbon Tetrachloride	7.95	117	9994	6.130	ug/l #	17
49) 1,4-Dioxane	9.49	88	45	4.756	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	38221	55.105	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	38221	128.324	ug/l #	10

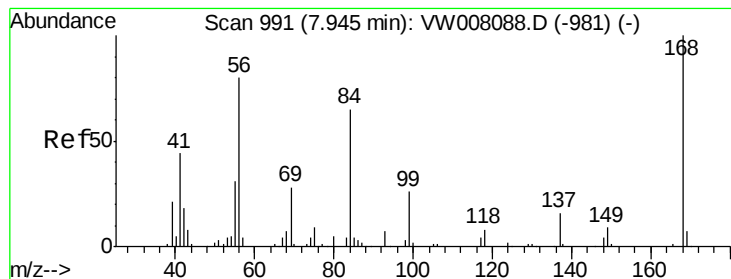
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008159.D

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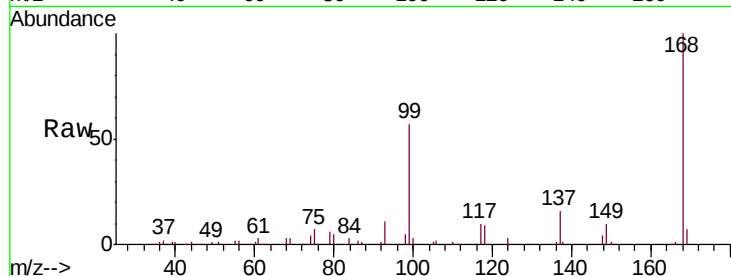
Instrument :
MSVOA_W
ClientSampleId :
CPSB-05(10-15)

Tgt Ion: 168 Resp: 95292

Ion Ratio Lower Upper

168 100

99 56.9 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

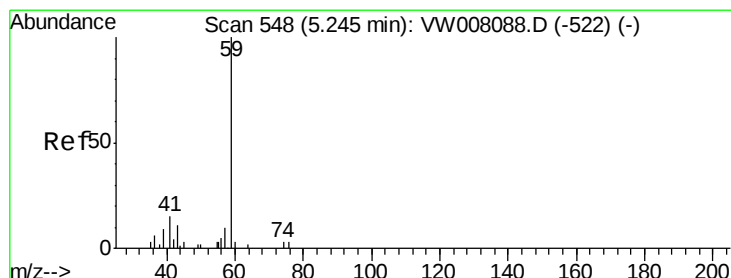
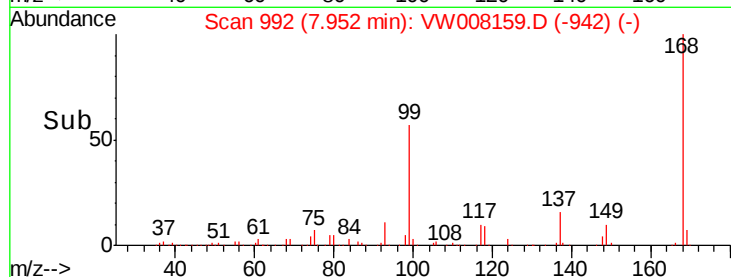
30000

20000

10000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.28 min Scan# 554

Delta R.T. 0.04 min

Lab File: VW008159.D

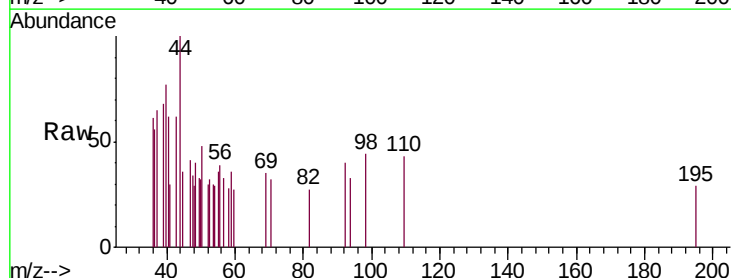
Acq: 10 Jan 2019 19:54

Tgt Ion: 59 Resp: 130

Ion Ratio Lower Upper

59 100

57 15.4 0.0 0.0#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

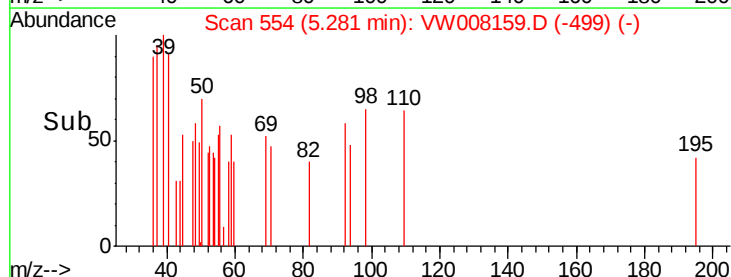
5.28

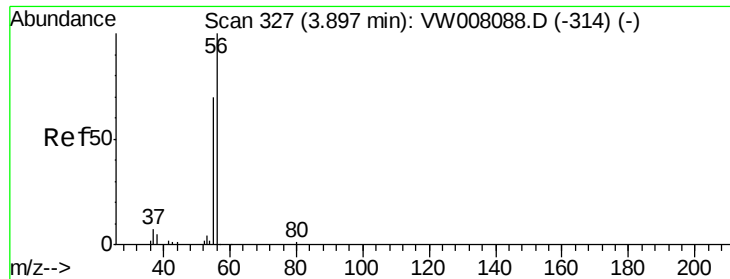
100

50

0

Time--> 5.24 5.26 5.28 5.30

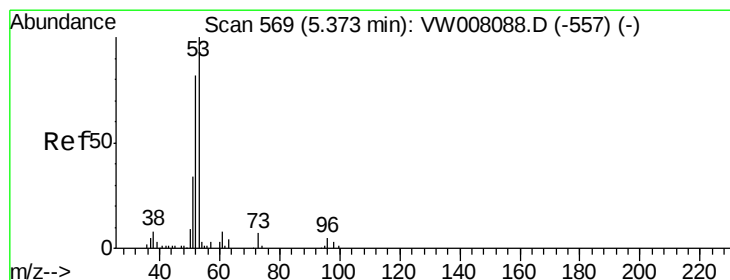
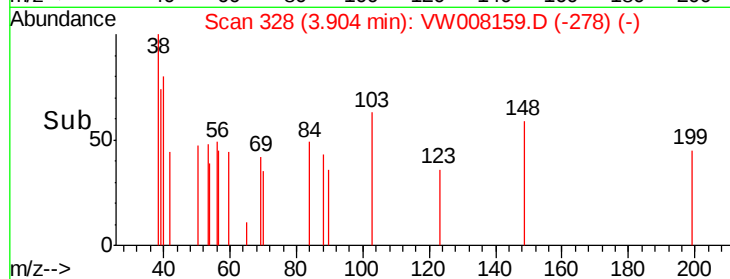
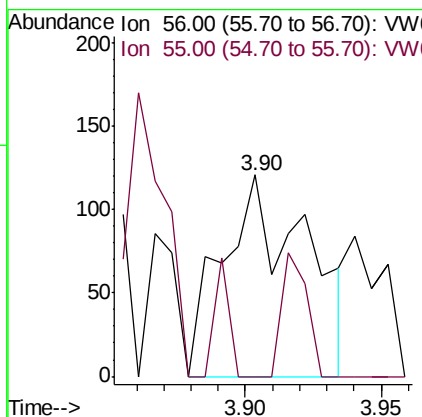
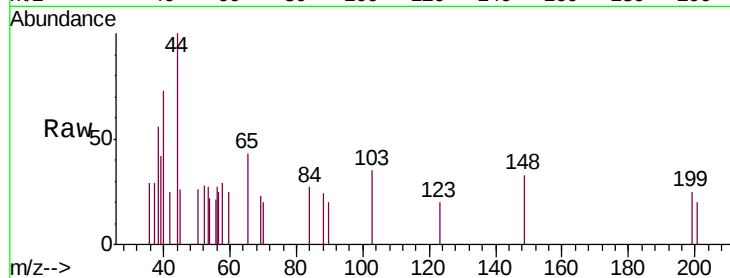




#13
Acrolein
Concen: 2.149 ug/l
RT: 3.90 min Scan# 328
Delta R.T. 0.01 min
Lab File: VW008159.D
Acq: 10 Jan 2019 19:54

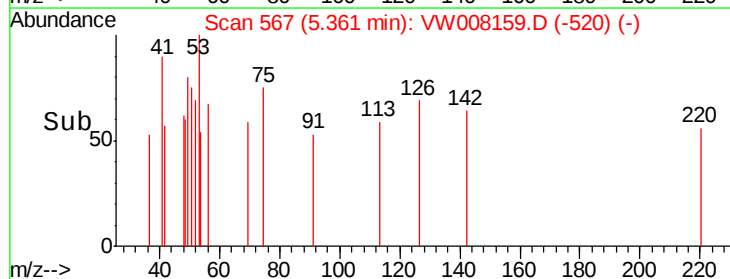
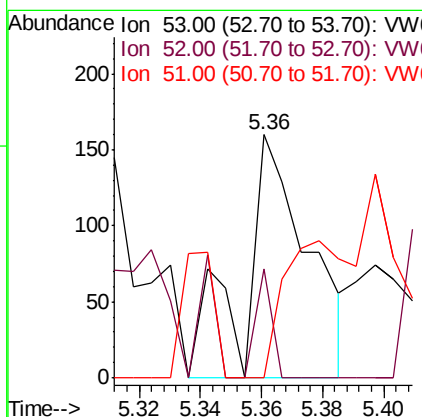
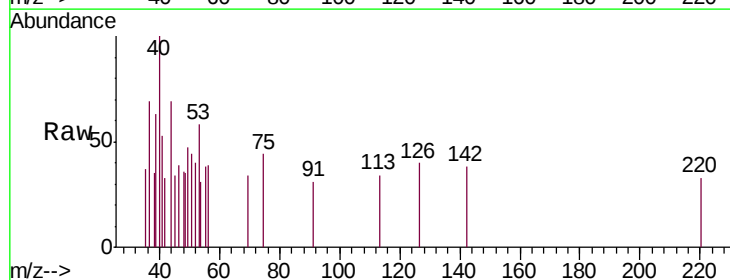
Instrument :
MSVOA_W
ClientSampleId :
CPSB-05(10-15)

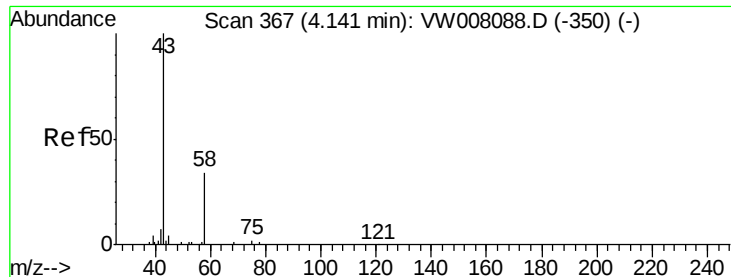
Tgt Ion: 56 Resp: 259
Ion Ratio Lower Upper
56 100
55 10.0 56.6 84.8#



#15
Acrylonitrile
Concen: 1.020 ug/l
RT: 5.36 min Scan# 567
Delta R.T. -0.01 min
Lab File: VW008159.D
Acq: 10 Jan 2019 19:54

Tgt Ion: 53 Resp: 235
Ion Ratio Lower Upper
53 100
52 11.1 66.8 100.2#
51 0.0 29.7 44.5#

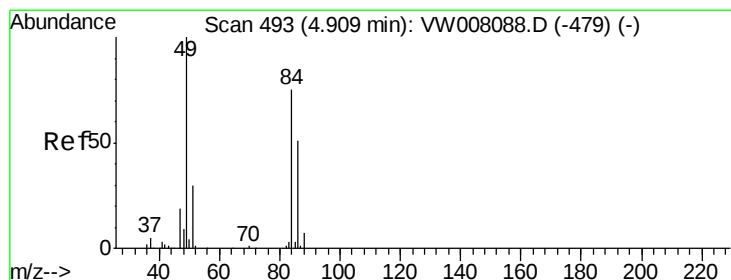
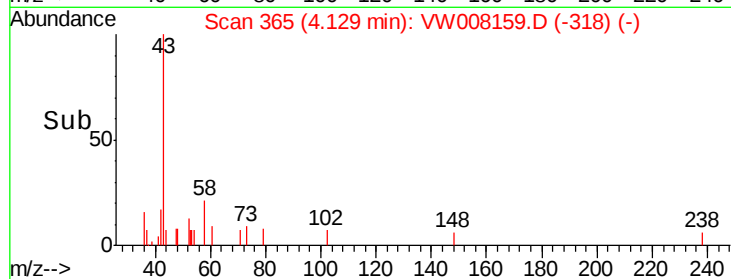
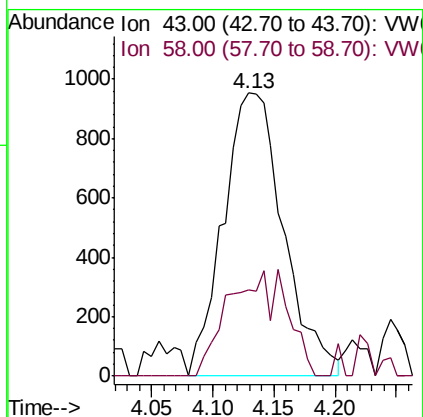
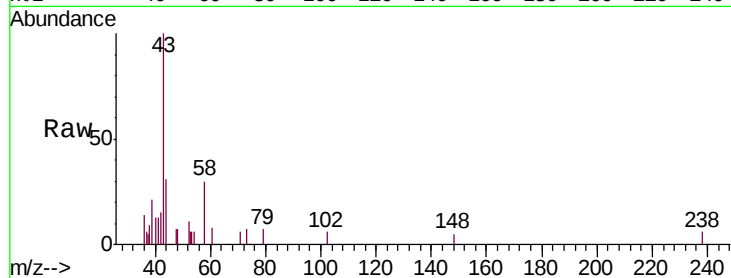




#16
Acetone
Concen: Below Cal
RT: 4.13 min Scan# 365
Delta R.T. -0.01 min
Lab File: VW008159.D
Acq: 10 Jan 2019 19:54

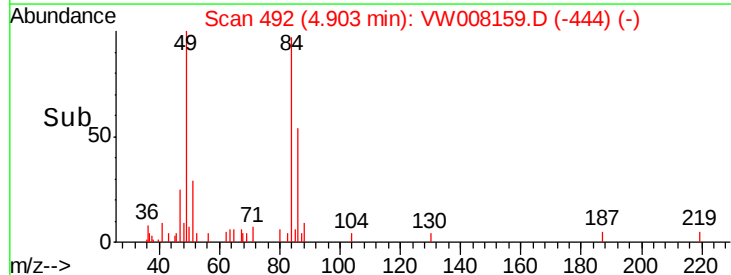
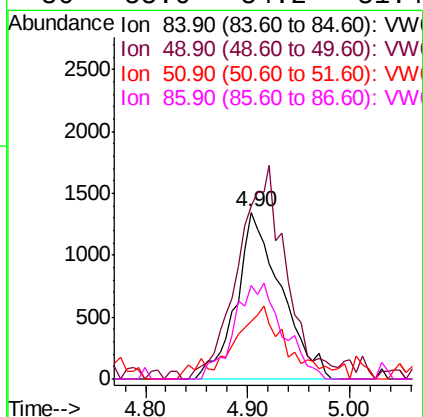
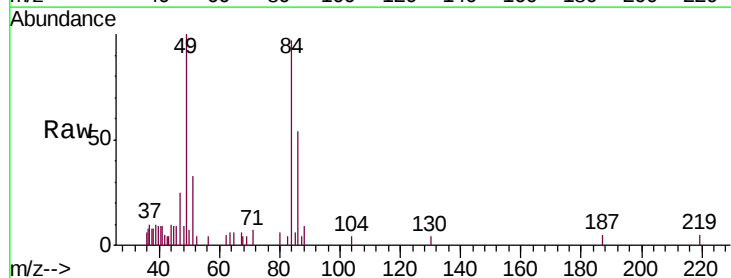
Instrument :
MSVOA_W
ClientSampleId :
CPSB-05(10-15)

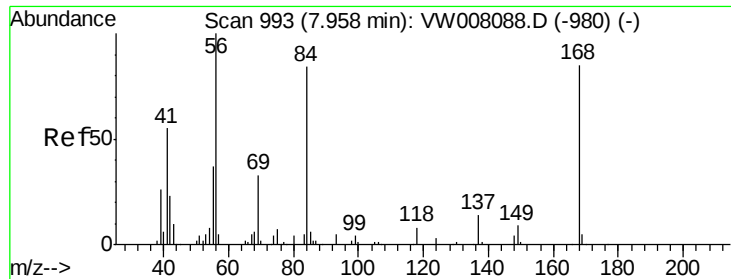
Tgt Ion: 43 Resp: 3260
Ion Ratio Lower Upper
43 100
58 30.3 27.5 41.3



#20
Methylene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008159.D
Acq: 10 Jan 2019 19:54

Tgt Ion: 84 Resp: 4090
Ion Ratio Lower Upper
84 100
49 103.4 107.1 160.7#
51 28.5 32.4 48.6#
86 55.6 54.2 81.4

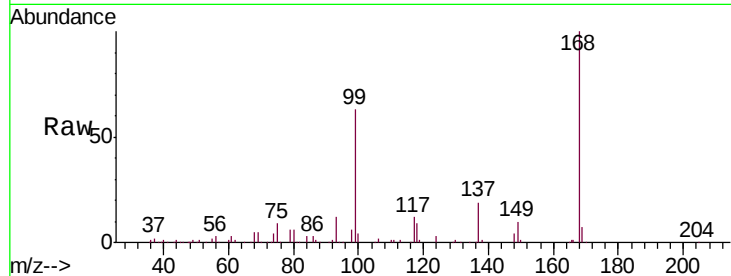




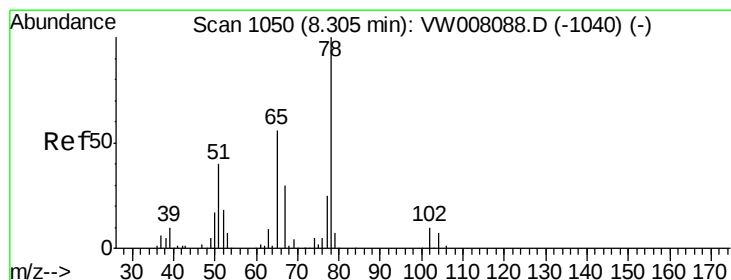
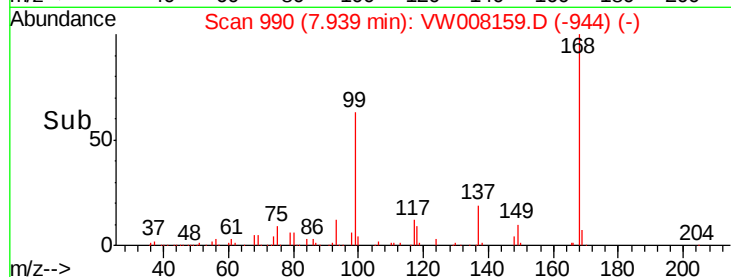
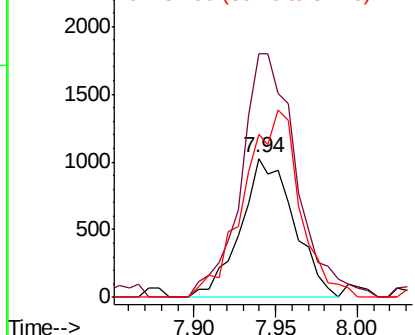
#31
Cyclohexane
Concen: 1.032 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.02 min
Lab File: VW008159.D
Acq: 10 Jan 2019 19:54

Instrument :
MSVOA_W
ClientSampleId :
CPSB-05(10-15)

Tgt Ion: 56 Resp: 2325
Ion Ratio Lower Upper
56 100
69 174.9 26.2 39.4#
84 117.2 67.4 101.2#

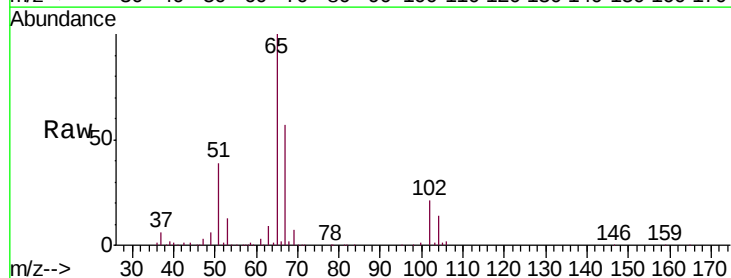


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

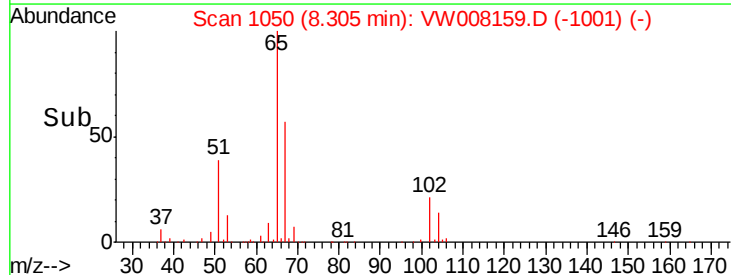
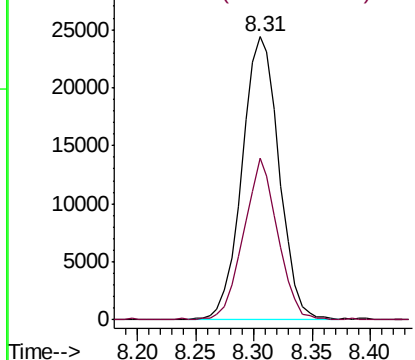


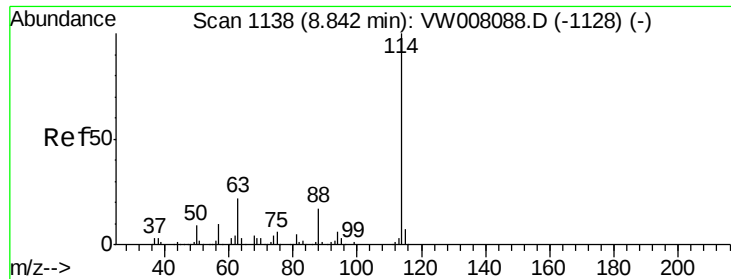
#33
1,2-Dichloroethane-d4
Concen: 50.429 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008159.D
Acq: 10 Jan 2019 19:54

Tgt Ion: 65 Resp: 54009
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

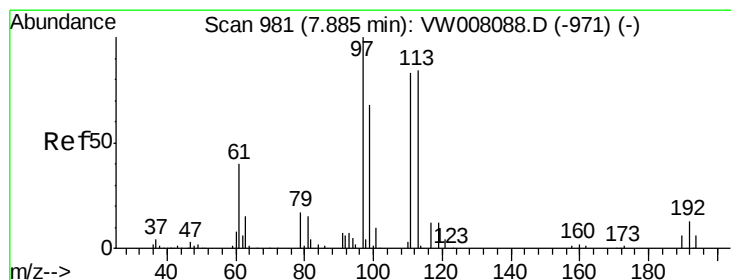
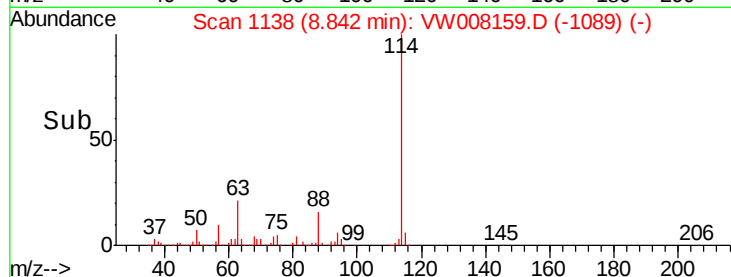
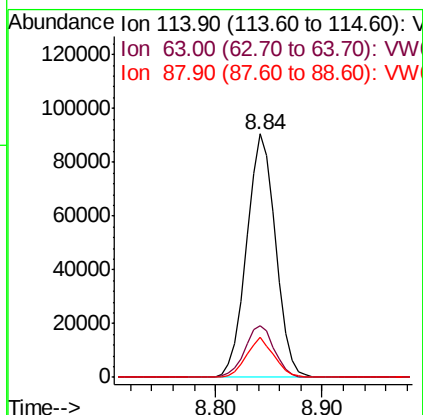
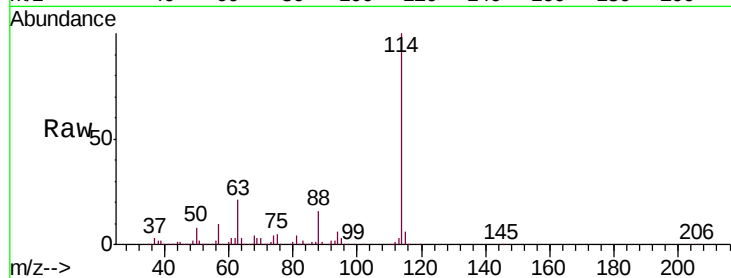




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008159.D
 Acq: 10 Jan 2019 19:54

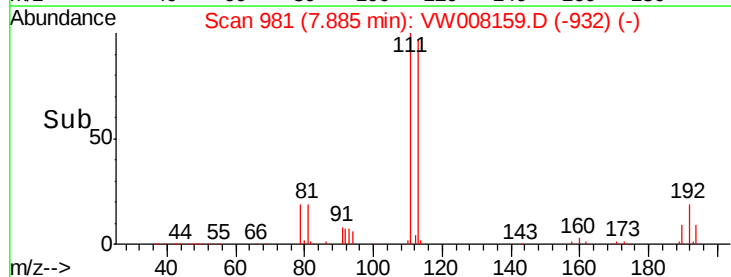
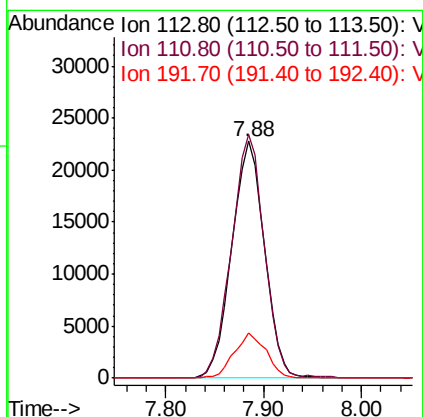
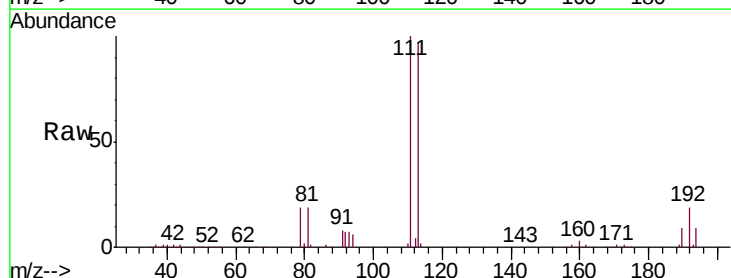
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 MSVOA_W
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 CPSB-05(10-15)

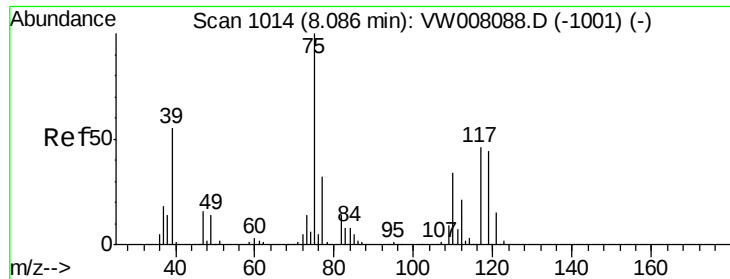
Tgt Ion:114 Resp: 172916
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.4
 88 16.5 0.0 33.4



#35
 Dibromofluoromethane
 Concen: 52.416 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008159.D
 Acq: 10 Jan 2019 19:54

Tgt Ion:113 Resp: 52862
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.8 122.8
 192 18.5 12.8 19.2

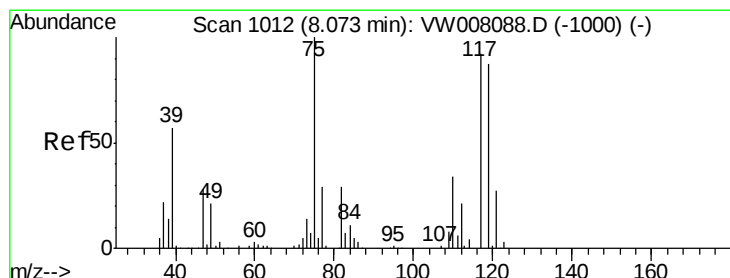
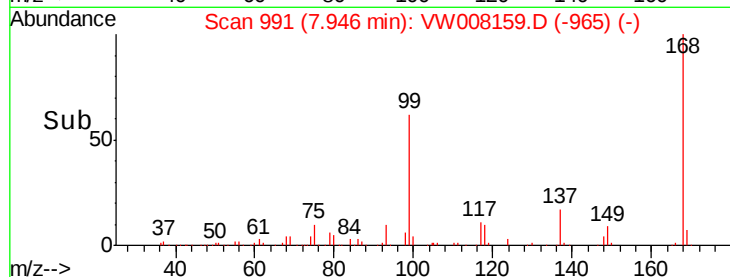
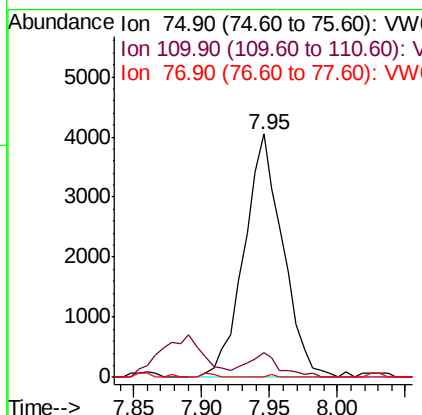
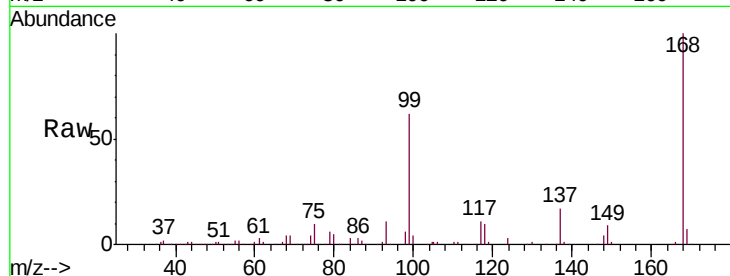




#36
 1,1-Dichloropropene
 Concen: 4.507 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW008159.D
 Acq: 10 Jan 2019 19:54

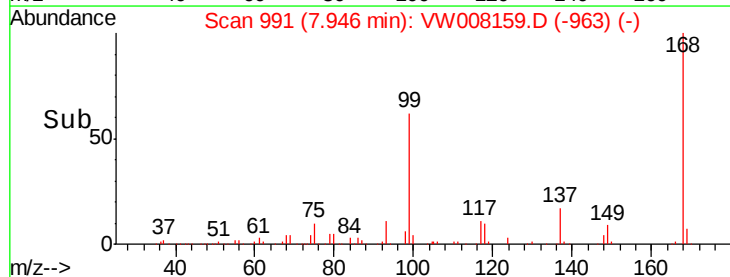
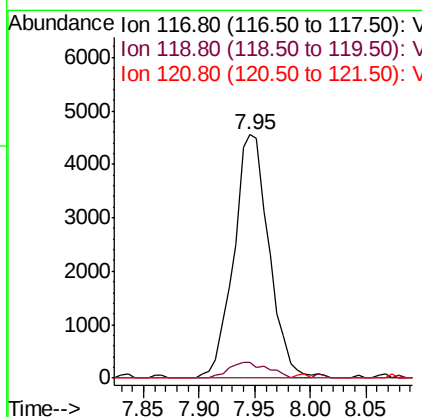
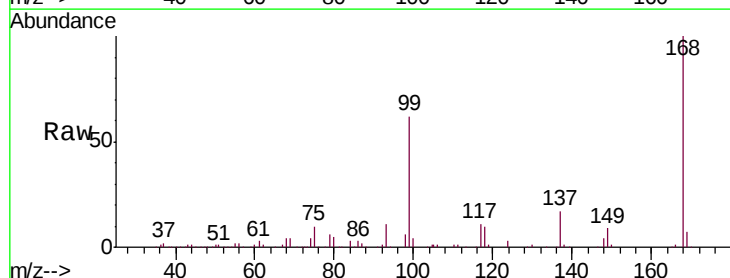
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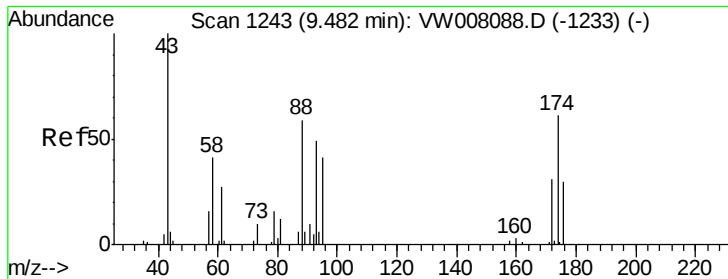
Tgt Ion: 75 Resp: 8028
 Ion Ratio Lower Upper
 75 100
 110 8.7 17.1 51.3#
 77 0.2 25.5 38.3#



#38
 Carbon Tetrachloride
 Concen: 6.130 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008159.D
 Acq: 10 Jan 2019 19:54

Tgt Ion: 117 Resp: 9994
 Ion Ratio Lower Upper
 117 100
 119 6.3 75.8 113.8#
 121 0.0 23.7 35.5#

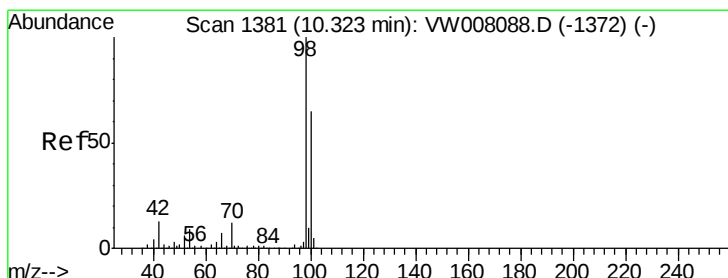
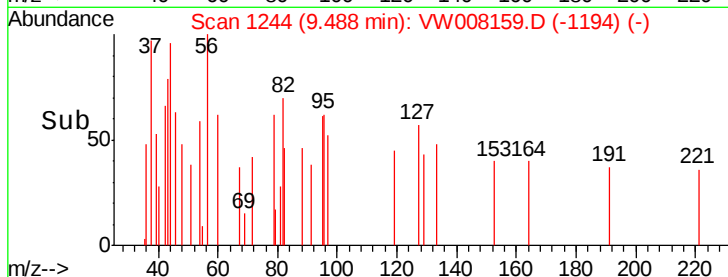
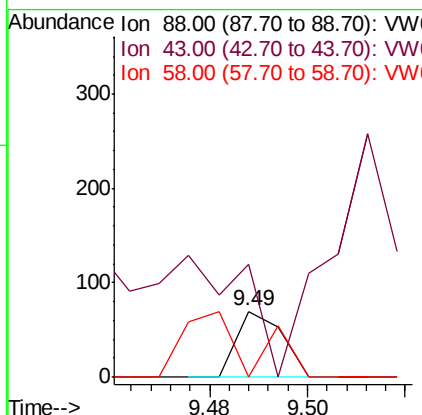
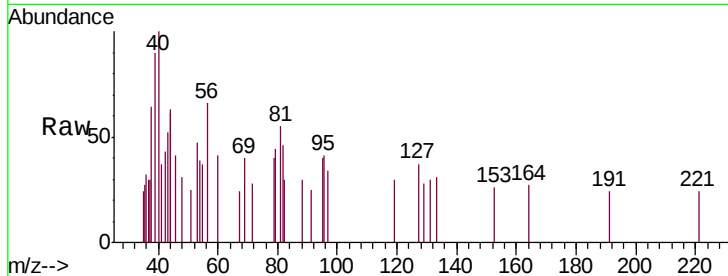




#49
 1,4-Dioxane
 Concen: 4.756 ug/l
 RT: 9.49 min Scan# 1244
 Delta R.T. 0.01 min
 Lab File: VW008159.D
 Acq: 10 Jan 2019 19:54

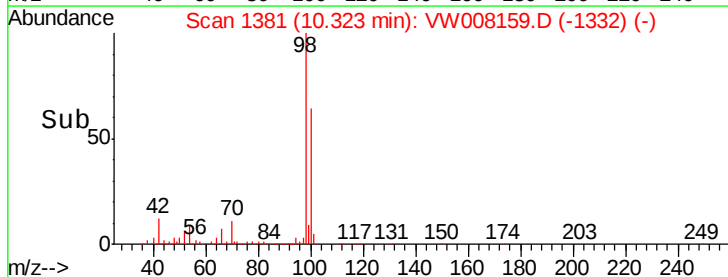
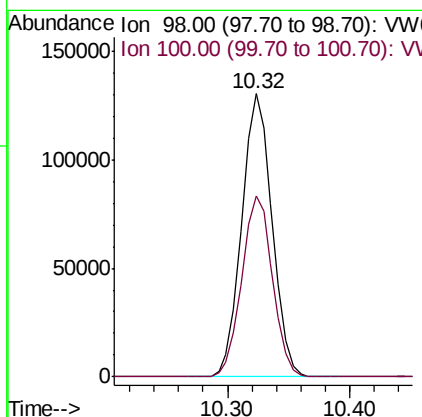
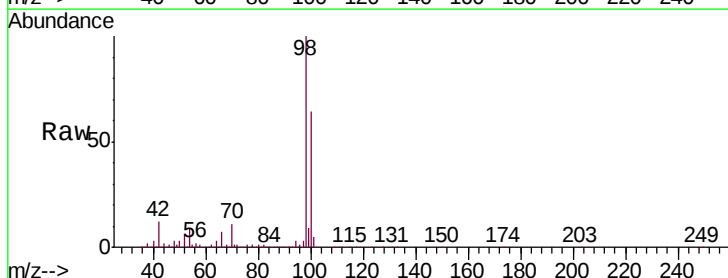
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-05(10-15)

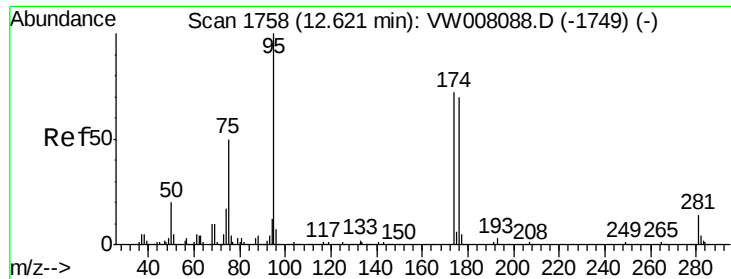
Tgt Ion: 88 Resp: 45
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 148.9 61.7 92.5#



#50
 Toluene-d8
 Concen: 52.923 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW008159.D
 Acq: 10 Jan 2019 19:54

Tgt Ion: 98 Resp: 223977
 Ion Ratio Lower Upper
 98 100
 100 64.9 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 51.595 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008159.D

Acq: 10 Jan 2019 19:54

Instrument :

MSVOA_W

ClientSampleId :

CPSB-05(10-15)

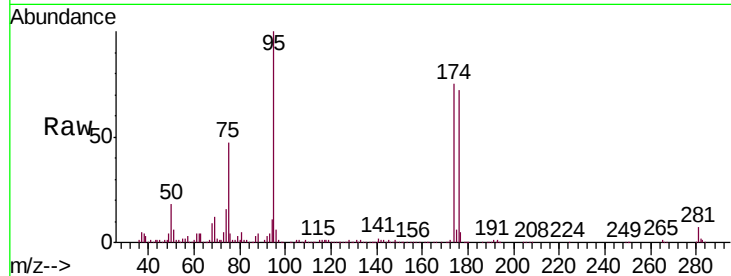
Tgt Ion: 95 Resp: 78280

Ion Ratio Lower Upper

95 100

174 73.8 0.0 143.0

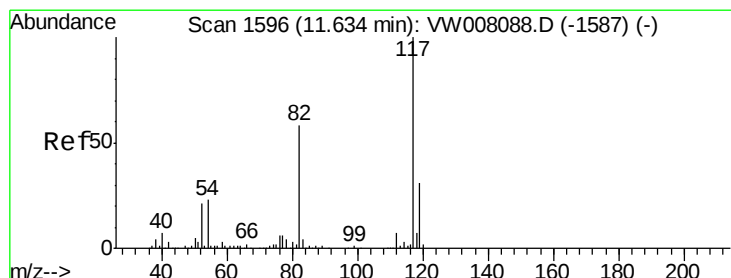
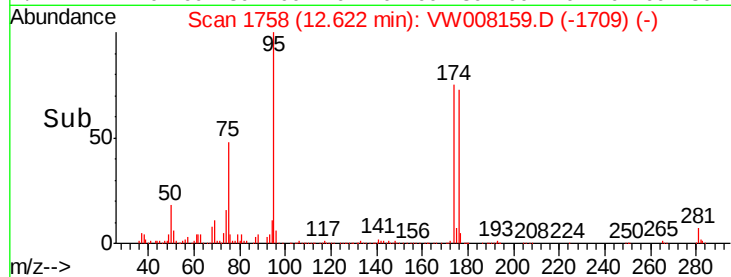
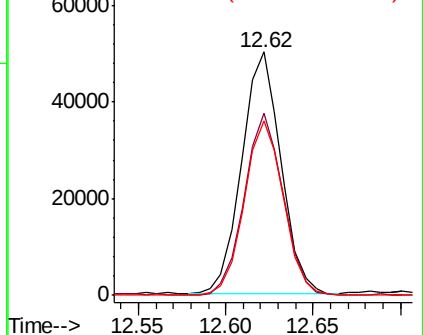
176 72.0 0.0 140.2



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: VW008159.D

Acq: 10 Jan 2019 19:54

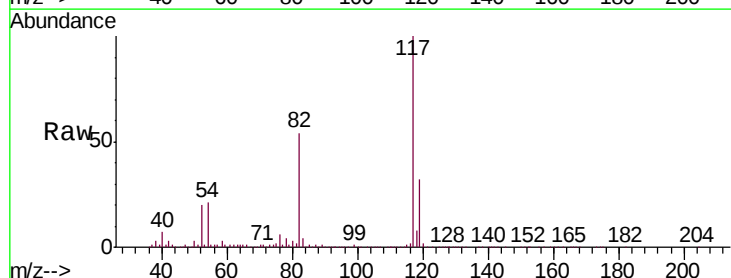
Tgt Ion: 117 Resp: 162470

Ion Ratio Lower Upper

117 100

82 54.4 46.4 69.6

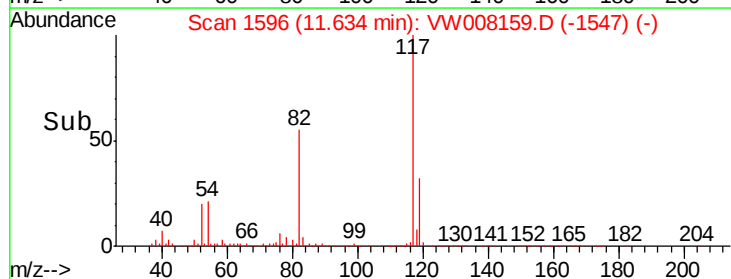
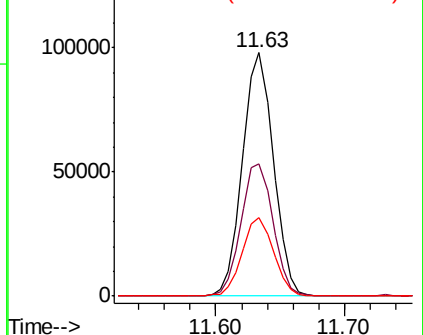
119 32.0 24.7 37.1

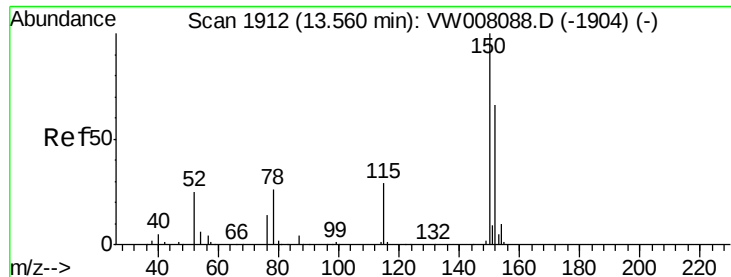


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008159.D

Acq: 10 Jan 2019 19:54

Instrument :

MSVOA_W

ClientSampleId :

CPSB-05(10-15)

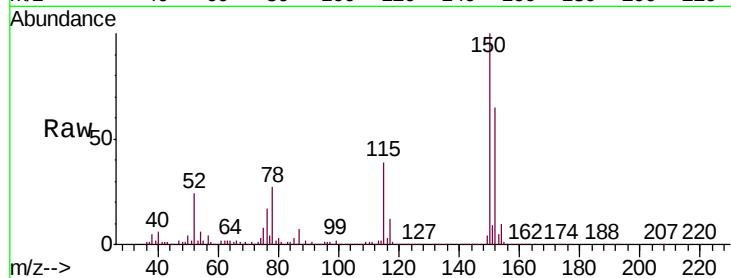
Tgt Ion:152 Resp: 76085

Ion Ratio Lower Upper

152 100

115 61.3 30.8 92.4

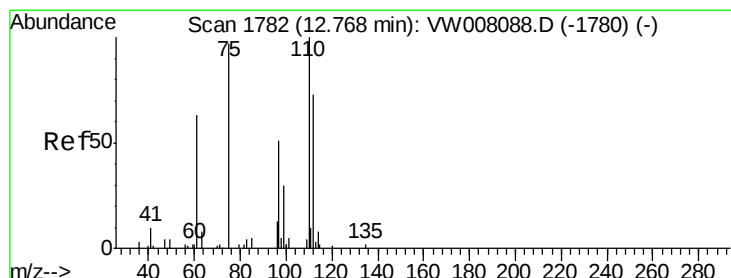
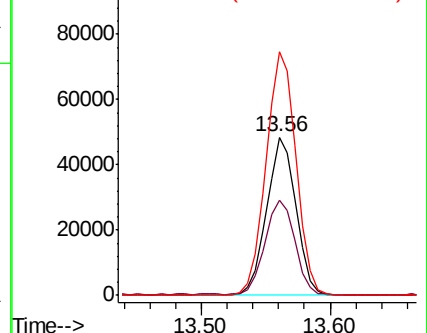
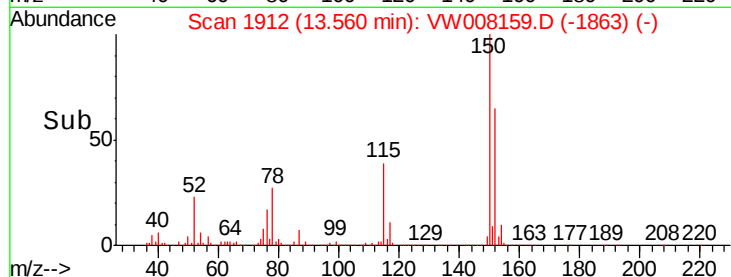
150 158.0 0.0 350.2



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: 55.105 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008159.D

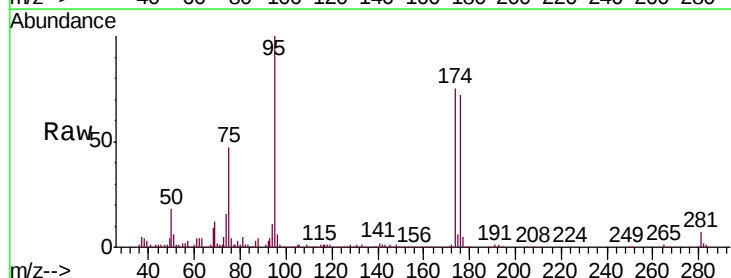
Acq: 10 Jan 2019 19:54

Tgt Ion: 75 Resp: 38221

Ion Ratio Lower Upper

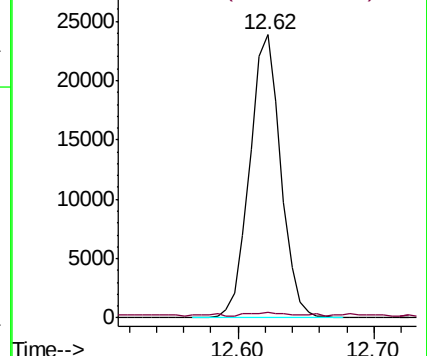
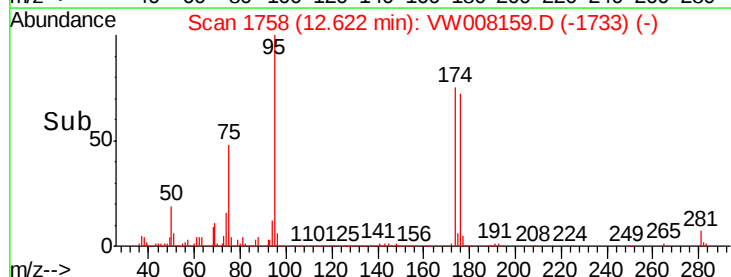
75 100

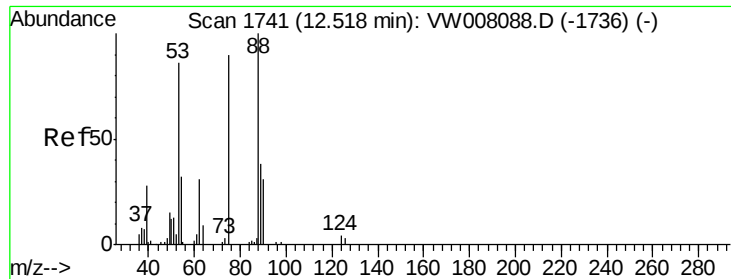
77 1.4 179.4 538.2#



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: 128.324 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW008159.D

Acq: 10 Jan 2019 19:54

Instrument :

MSVOA_W

ClientSampleId :

CPSB-05(10-15)

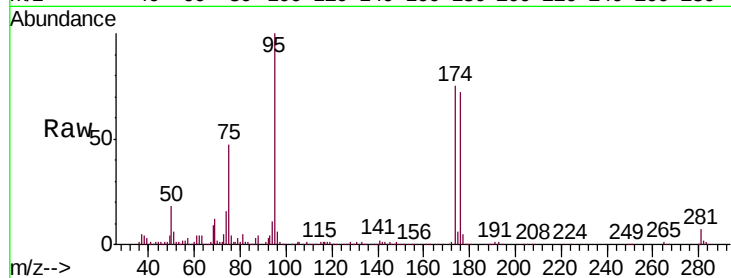
Tgt Ion: 75 Resp: 38221

Ion Ratio Lower Upper

75 100

53 0.0 78.8 118.2#

89 0.1 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

