

Data File : VW008251.D
Acq On : 14 Jan 2019 17:04
Operator : SY/VA
Sample : K1135-04
Misc : 5.02G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CPSB-12(10-15)

Quant Time: Jan 14 21:16:04 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	99904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	174342	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	163395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	81414	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	58194	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
35) Dibromofluoromethane	7.88	113	51745	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	
50) Toluene-d8	10.32	98	222385	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
62) 4-Bromofluorobenzene	12.62	95	78459	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	

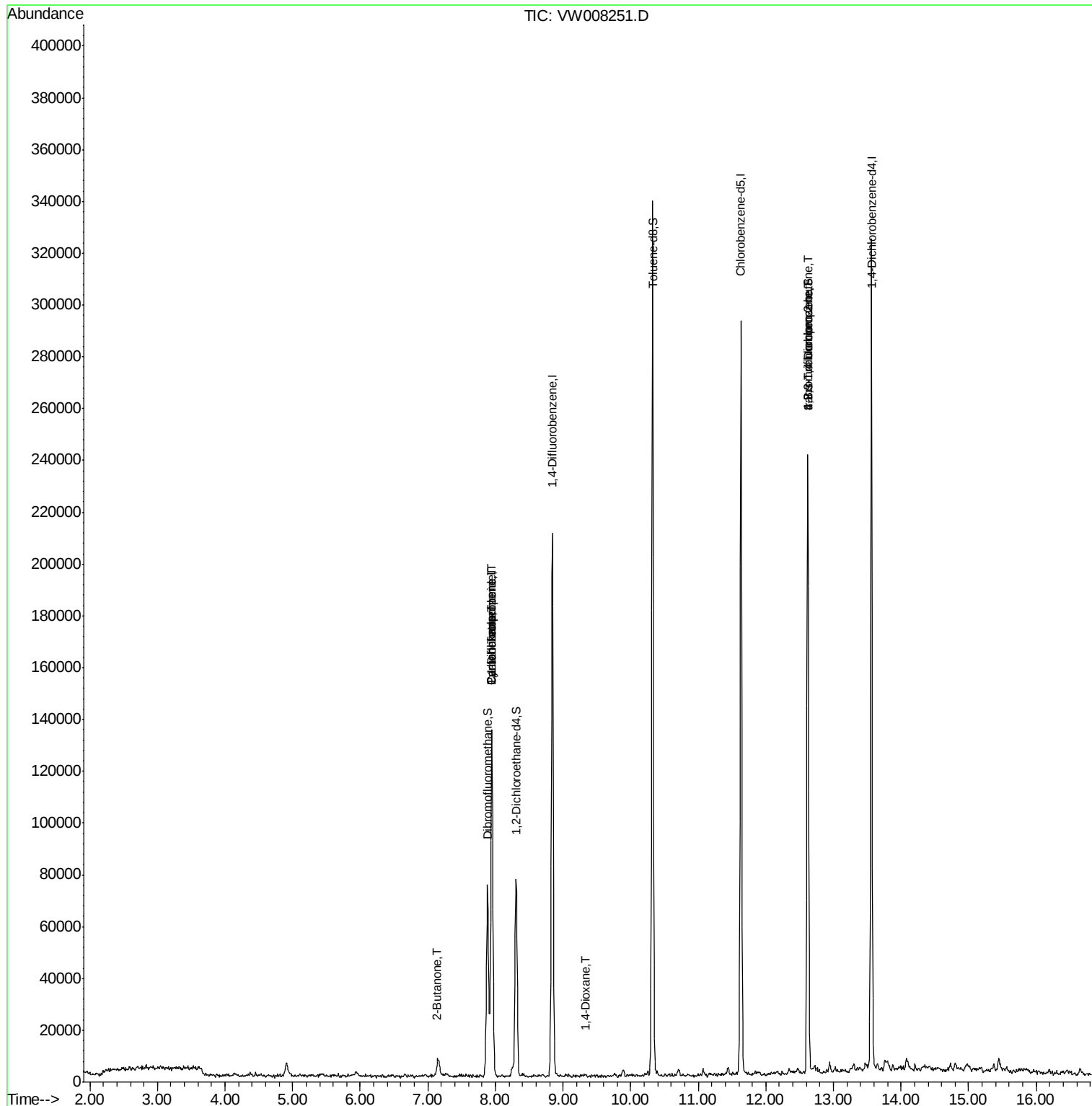
Target Compounds			Qvalue			
11) Tert butyl alcohol	5.24	59	297	Below Cal	#	100
16) Acetone	4.15	43	2309	Below Cal	#	87
20) Methylene Chloride	4.90	84	3673	Below Cal		95
25) 2-Butanone	7.13	43	448	1.434	ug/l #	49
31) Cyclohexane	7.95	56	2692	1.139	ug/l #	27
36) 1,1-Dichloropropene	7.95	75	7644	4.256	ug/l #	49
38) Carbon Tetrachloride	7.95	117	10203	6.207	ug/l #	15
49) 1,4-Dioxane	9.32	88	49	5.137	ug/l #	56
76) 1,2,3-Trichloropropane	12.62	75	37858	51.009	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	37858	118.785	ug/l #	11

(#) = 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: VW008251.D

Acq: 14 Jan 2019 17:04

Instrument :

MSVOA_W

ClientSampleId :

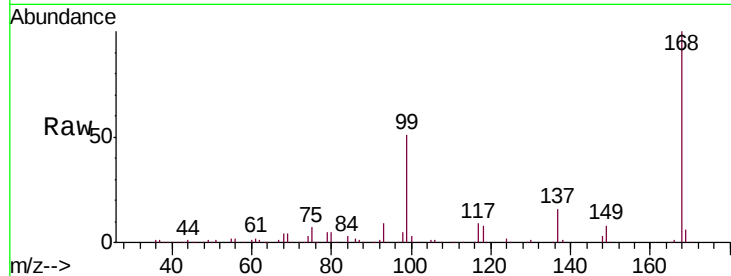
CPSB-12(10-15)

Tgt Ion:168 Resp: 99904

Ion Ratio Lower Upper

168 100

99 51.1 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

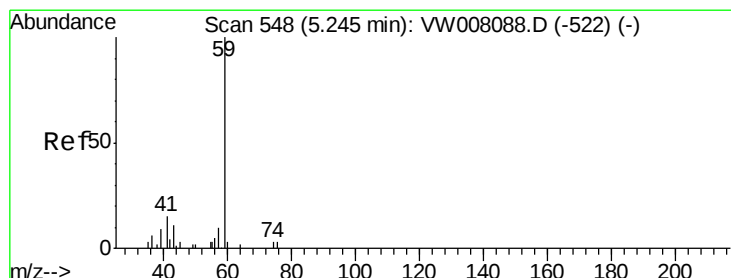
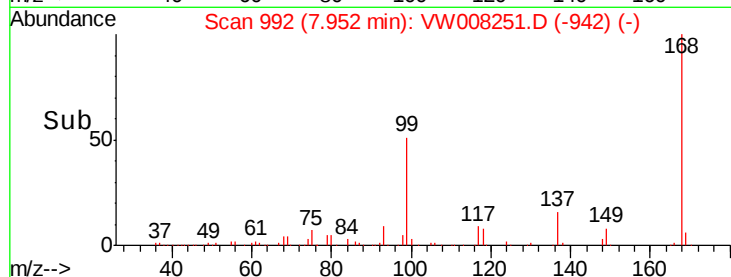
30000

20000

10000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.24 min Scan# 548

Delta R.T. 0.00 min

Lab File: VW008251.D

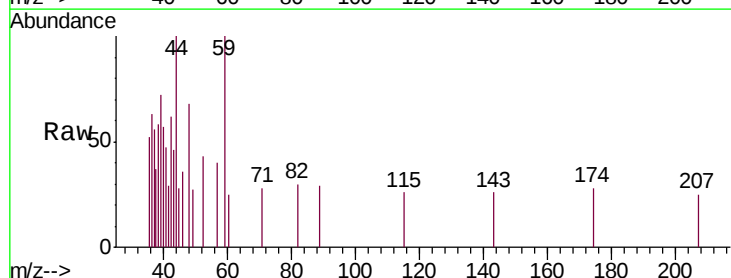
Acq: 14 Jan 2019 17:04

Tgt Ion: 59 Resp: 297

Ion Ratio Lower Upper

59 100

57 25.3 0.0 0.0#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.24

200

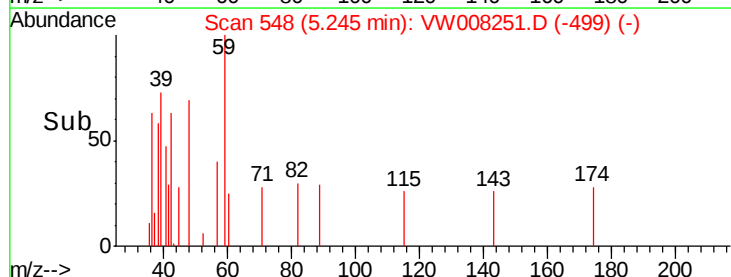
150

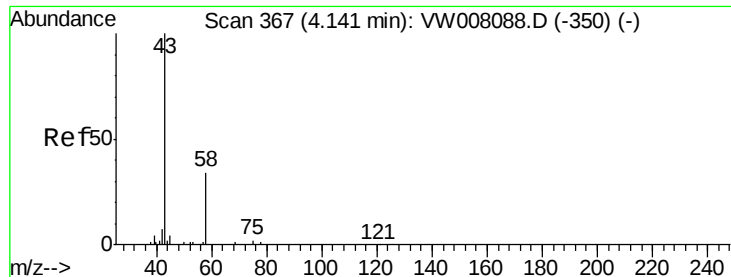
100

50

0

Time-->

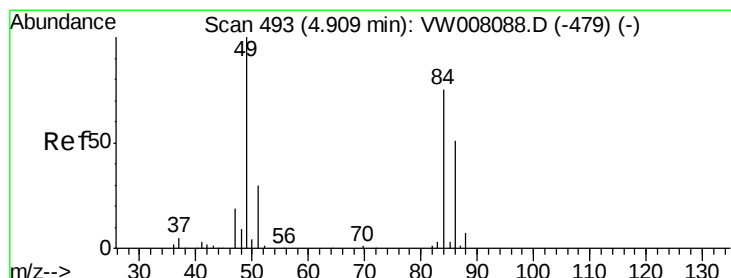
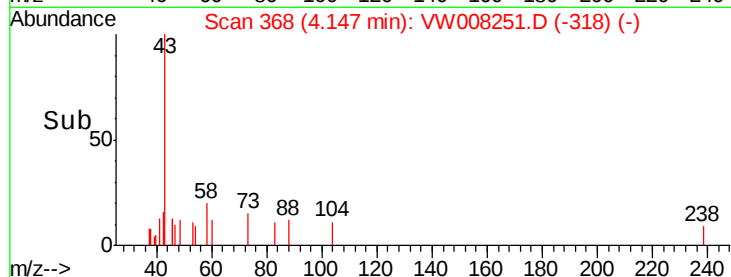
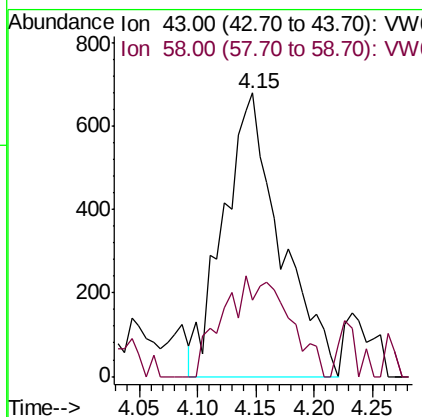
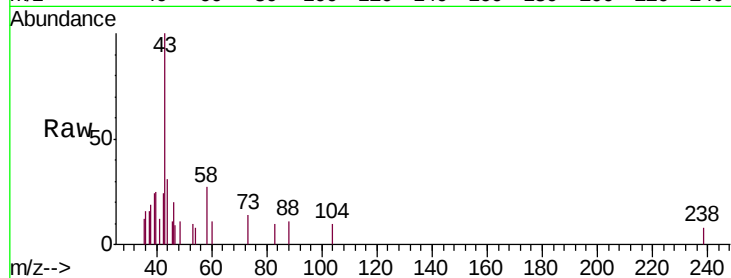




#16
Acetone
Concen: Below Cal
RT: 4.15 min Scan# 368
Delta R.T. 0.01 min
Lab File: VW008251.D
Acq: 14 Jan 2019 17:04

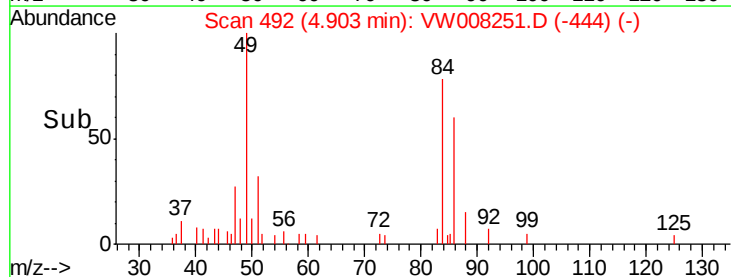
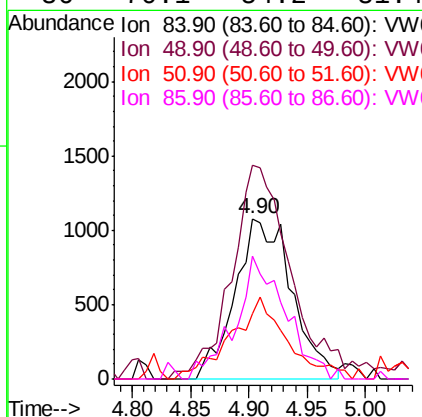
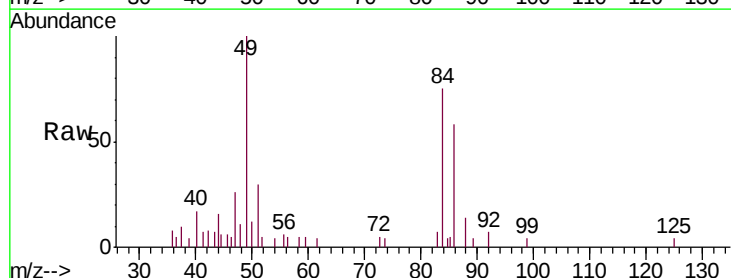
Instrument :
MSVOA_W
ClientSampleId :
CPSB-12(10-15)

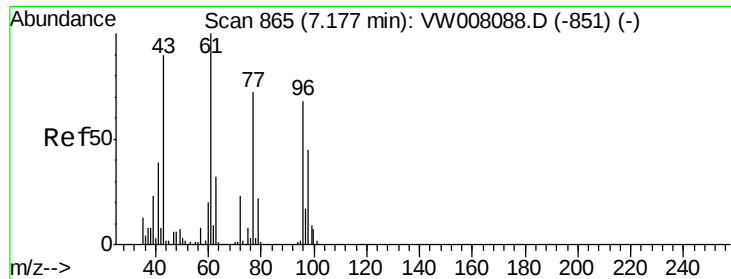
Tgt Ion: 43 Resp: 2309
Ion Ratio Lower Upper
43 100
58 26.9 27.5 41.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008251.D
Acq: 14 Jan 2019 17:04

Tgt Ion: 84 Resp: 3673
Ion Ratio Lower Upper
84 100
49 128.3 107.1 160.7
51 34.5 32.4 48.6
86 70.1 54.2 81.4





#25

2-Butanone

Concen: 1.434 ug/l

RT: 7.13 min Scan# 857

Delta R.T. -0.05 min

Lab File: VW008251.D

Acq: 14 Jan 2019 17:04

Instrument :

MSVOA_W

ClientSampleId :

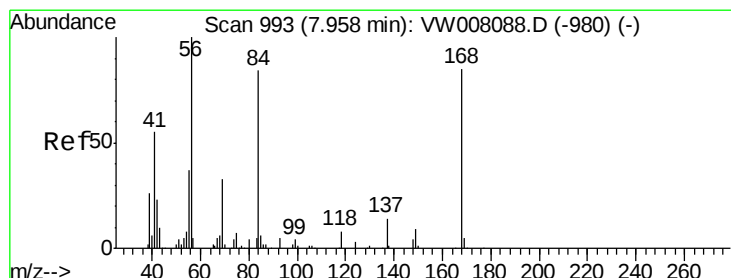
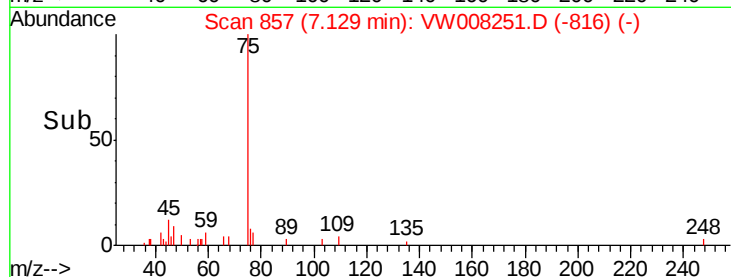
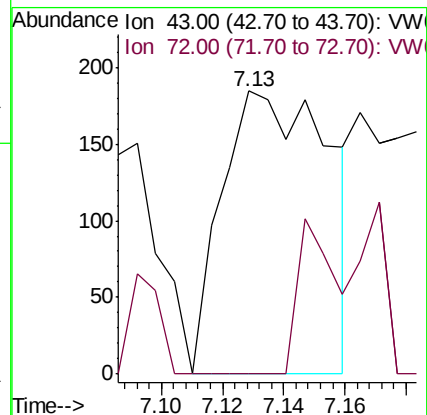
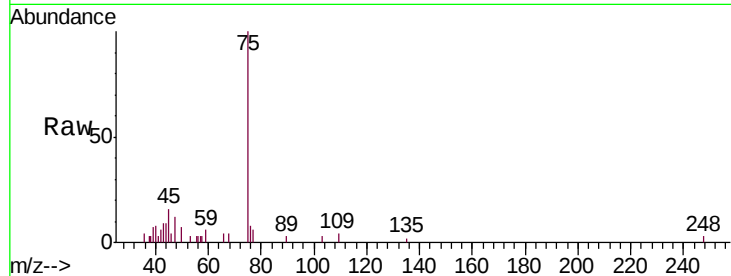
CPSB-12(10-15)

Tgt Ion: 43 Resp: 448

Ion Ratio Lower Upper

43 100

72 0.0 20.5 30.7#



#31

Cyclohexane

Concen: 1.139 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008251.D

Acq: 14 Jan 2019 17:04

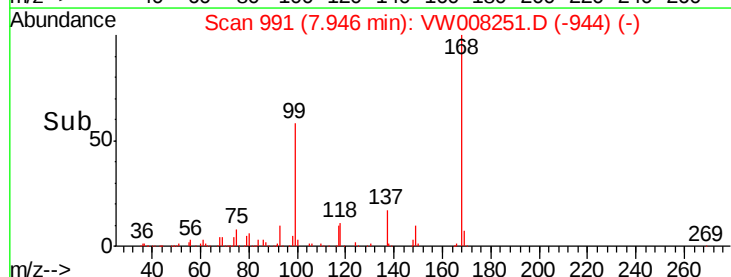
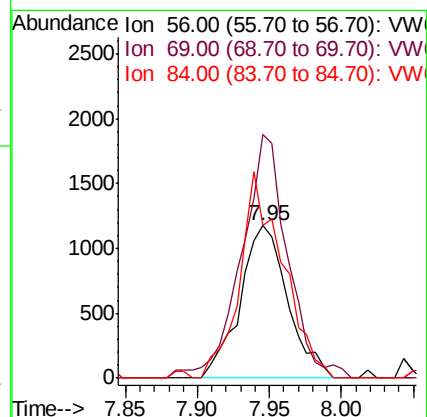
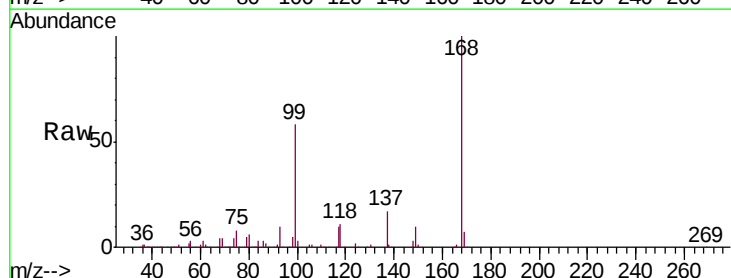
Tgt Ion: 56 Resp: 2692

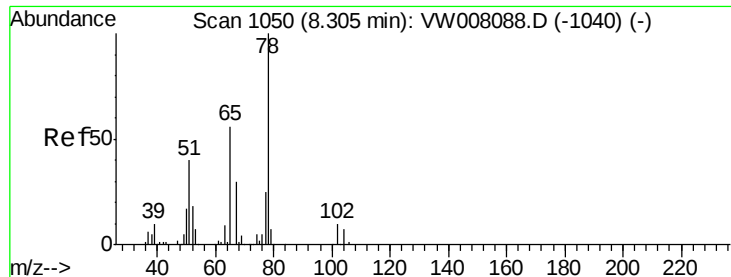
Ion Ratio Lower Upper

56 100

69 154.5 26.2 39.4#

84 100.4 67.4 101.2

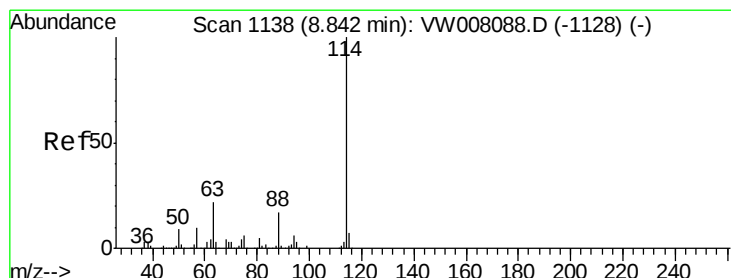
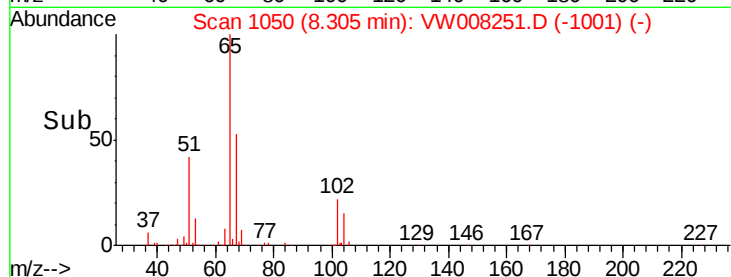
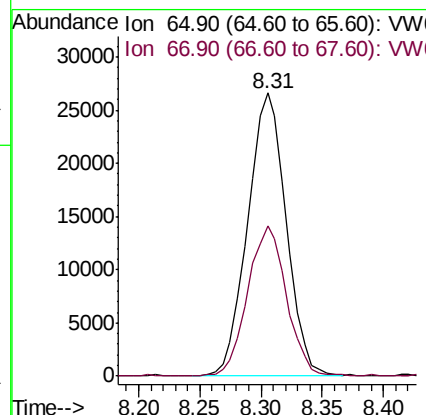
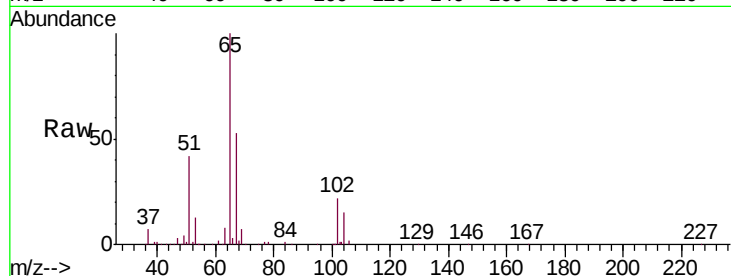




#33
 1,2-Dichloroethane-d4
 Concen: 51.828 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008251.D
 Acq: 14 Jan 2019 17:04

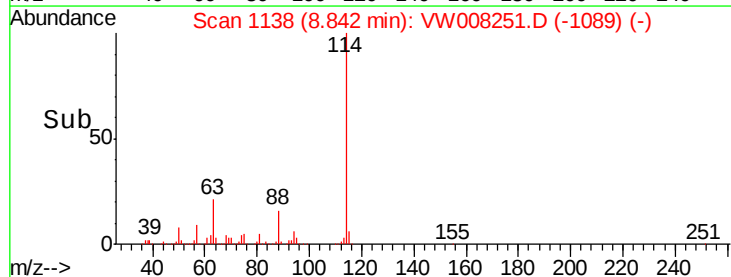
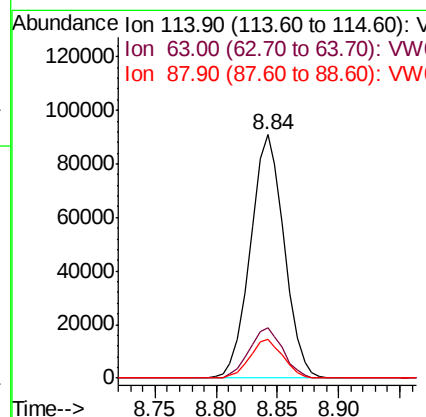
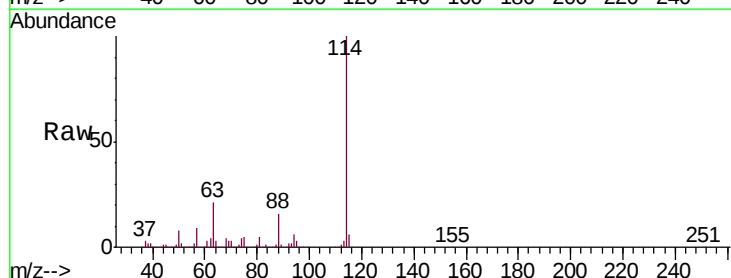
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-12(10-15)

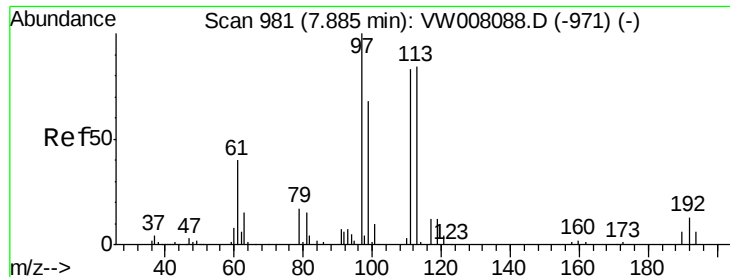
Tgt Ion: 65 Resp: 58194
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008251.D
 Acq: 14 Jan 2019 17:04

Tgt Ion: 114 Resp: 174342
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 43.4
 88 16.1 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.889 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008251.D

Acq: 14 Jan 2019 17:04

Instrument :

MSVOA_W

ClientSampleId :

CPSB-12(10-15)

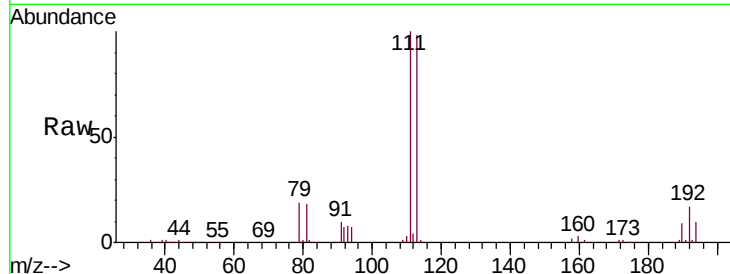
Tgt Ion:113 Resp: 51745

Ion Ratio Lower Upper

113 100

111 102.1 81.8 122.8

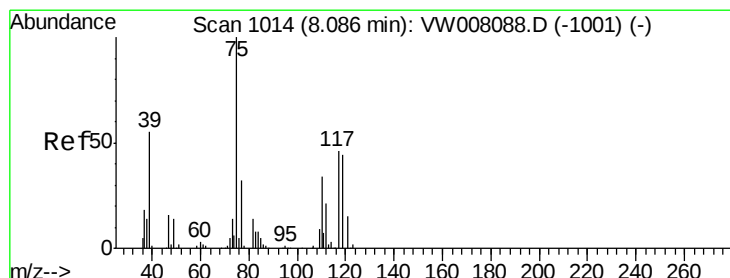
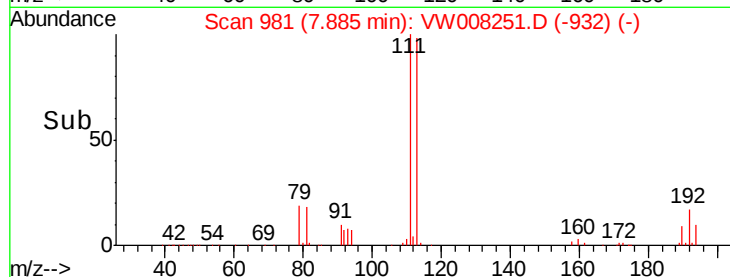
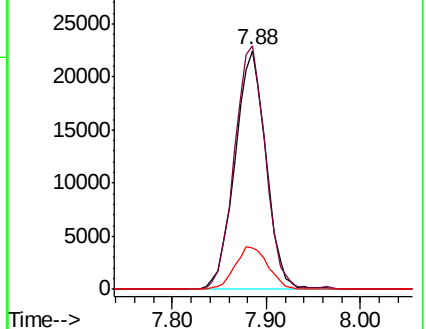
192 19.0 12.8 19.2



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: 4.256 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW008251.D

Acq: 14 Jan 2019 17:04

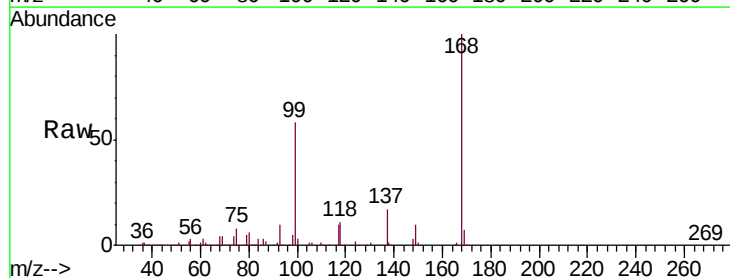
Tgt Ion: 75 Resp: 7644

Ion Ratio Lower Upper

75 100

110 7.8 17.1 51.3#

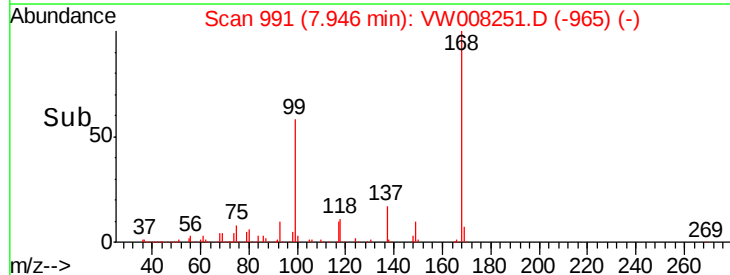
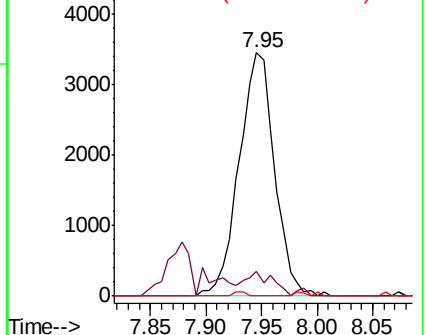
77 0.5 25.5 38.3#

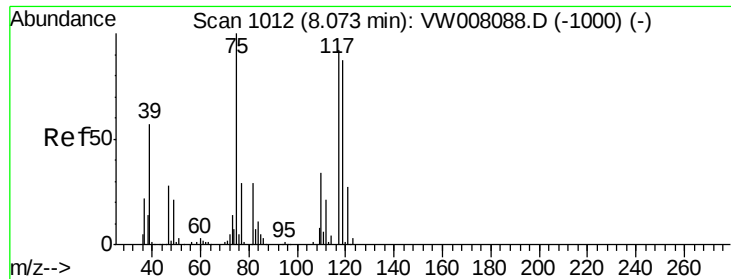


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.207 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW008251.D

Acq: 14 Jan 2019 17:04

Instrument :

MSVOA_W

ClientSampleId :

CPSB-12(10-15)

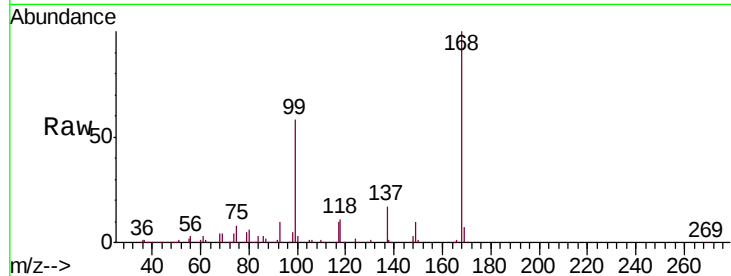
Tgt Ion:117 Resp: 10203

Ion Ratio Lower Upper

117 100

119 3.1 75.8 113.8#

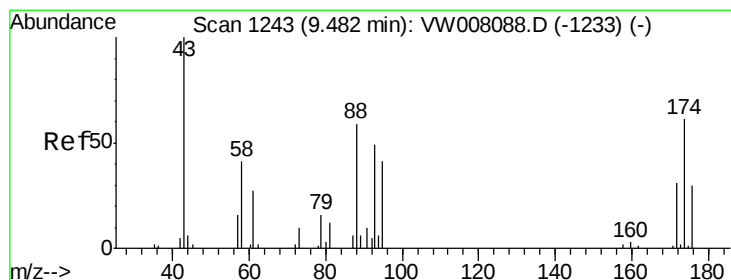
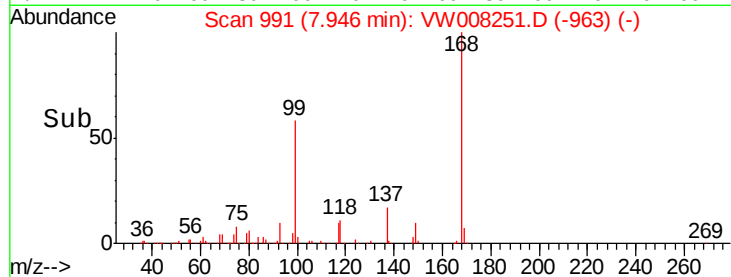
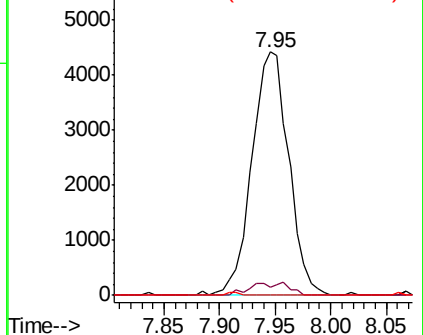
121 0.0 23.7 35.5#



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: 5.137 ug/l

RT: 9.32 min Scan# 1217

Delta R.T. -0.16 min

Lab File: VW008251.D

Acq: 14 Jan 2019 17:04

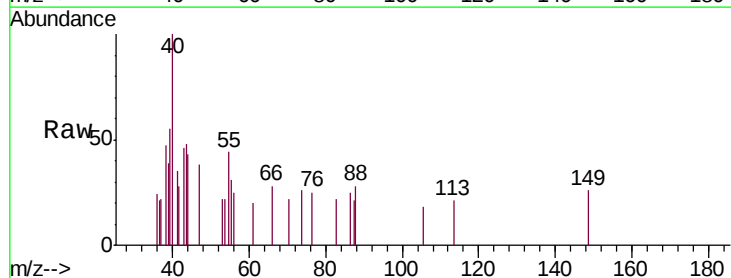
Tgt Ion: 88 Resp: 49

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

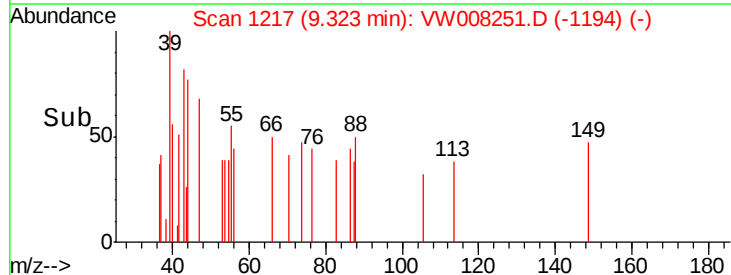
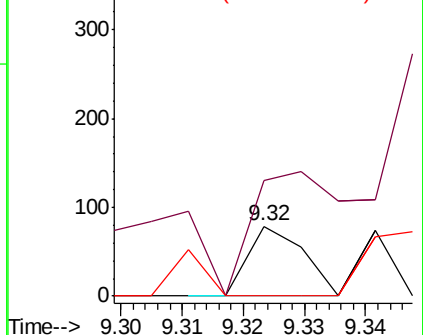
58 38.8 61.7 92.5#

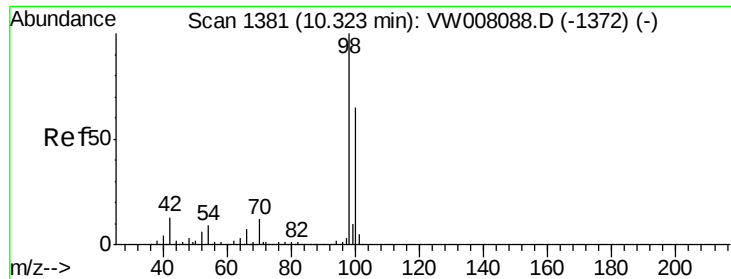


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 52.117 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008251.D

Acq: 14 Jan 2019 17:04

Instrument :

MSVOA_W

ClientSampleId :

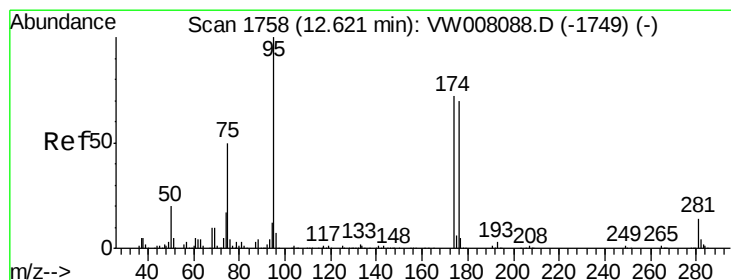
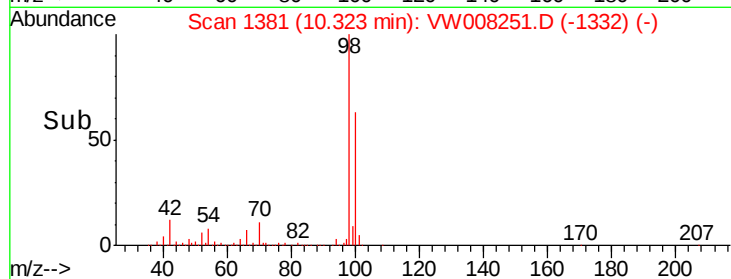
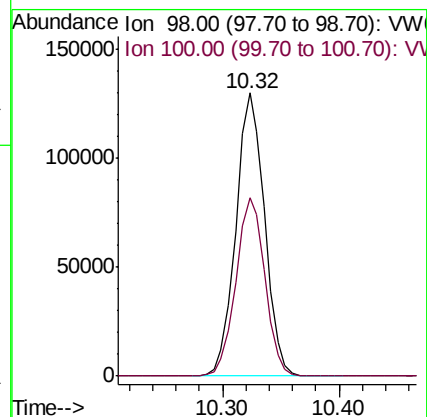
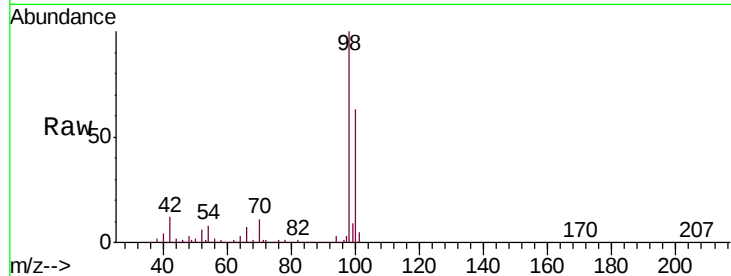
CPSB-12(10-15)

Tgt Ion: 98 Resp: 222385

Ion Ratio Lower Upper

98 100

100 63.8 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 51.290 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008251.D

Acq: 14 Jan 2019 17:04

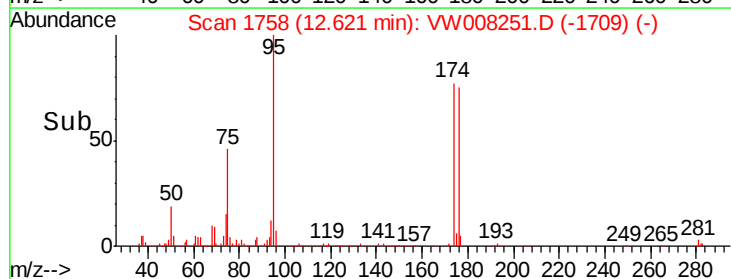
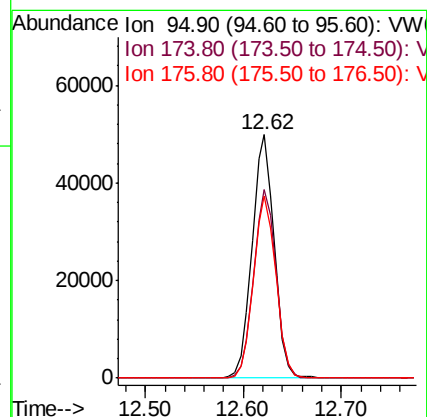
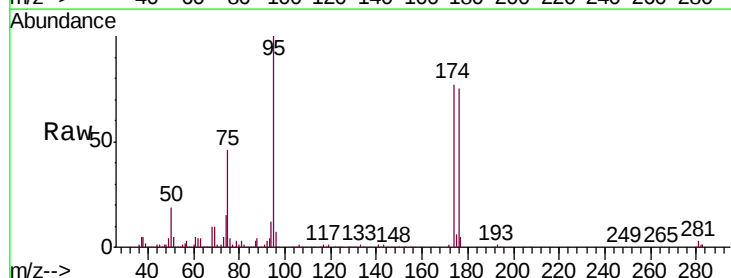
Tgt Ion: 95 Resp: 78459

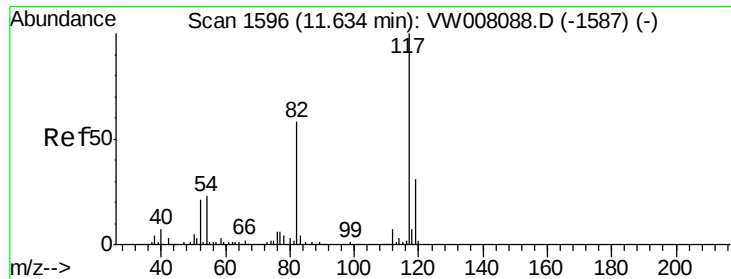
Ion Ratio Lower Upper

95 100

174 78.1 0.0 143.0

176 75.3 0.0 140.2

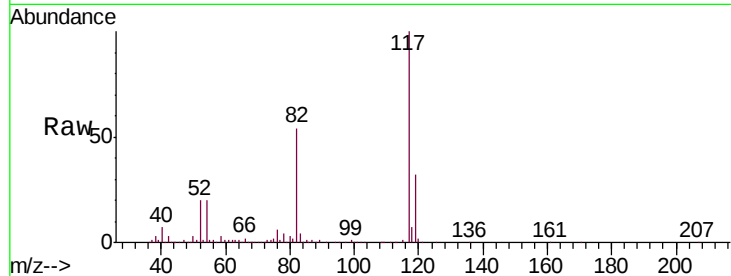




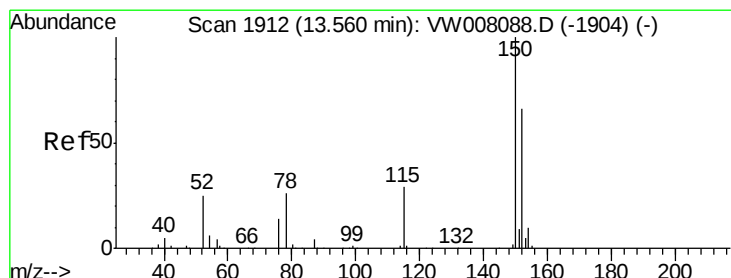
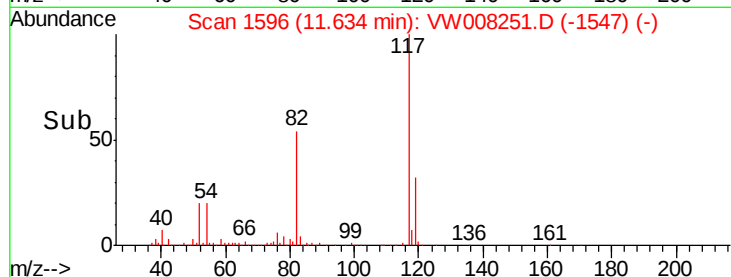
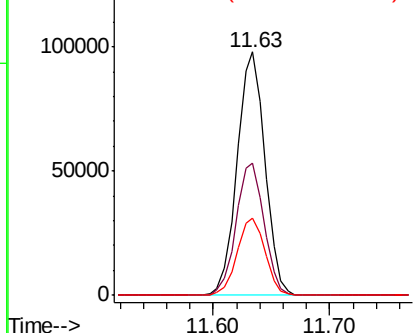
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008251.D
Acq: 14 Jan 2019 17:04

Instrument :
MSVOA_W
ClientSampleId :
CPSB-12(10-15)

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.1	46.4	69.6
119	31.7	24.7	37.1

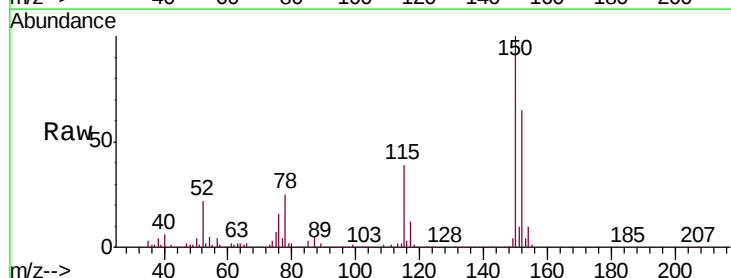


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

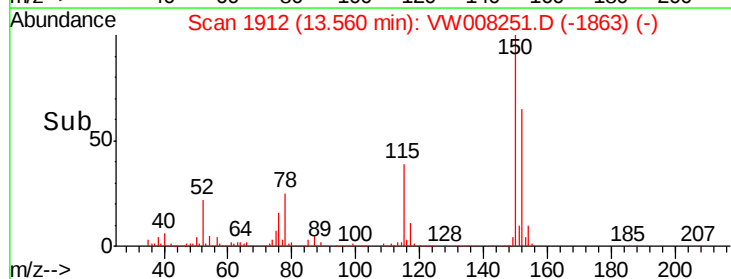
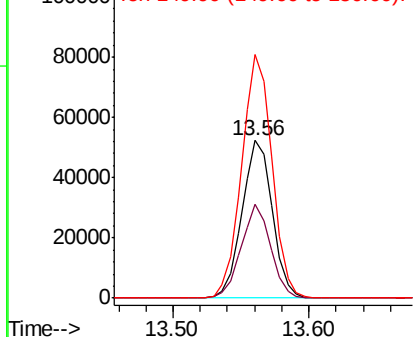


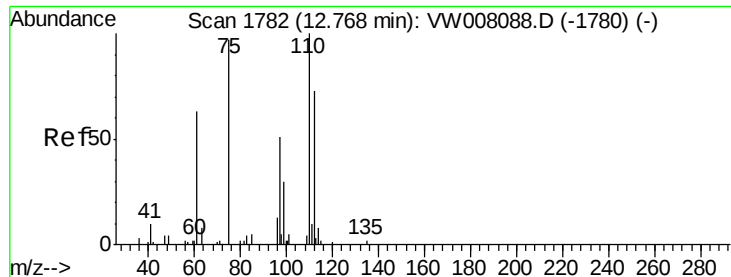
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008251.D
Acq: 14 Jan 2019 17:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.1	30.8	92.4
150	154.7	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: 51.009 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008251.D

Acq: 14 Jan 2019 17:04

Instrument :

MSVOA_W

ClientSampled :

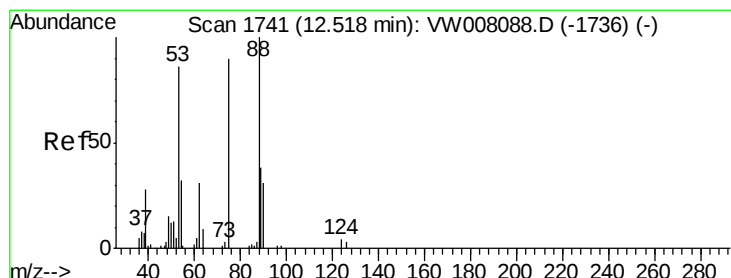
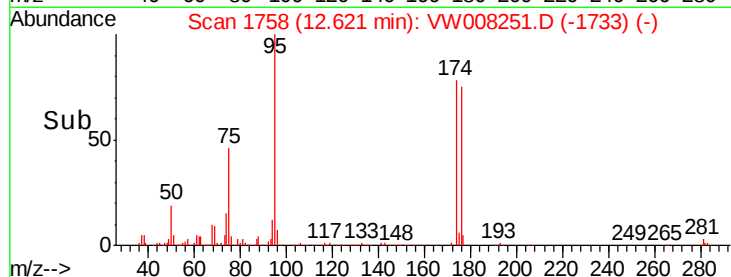
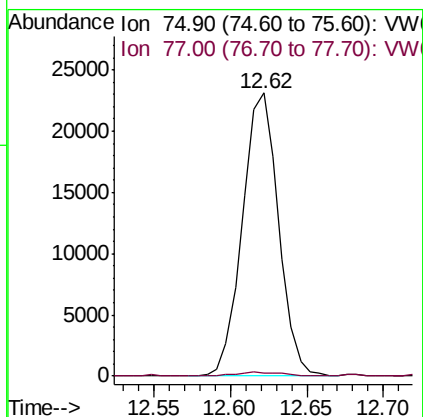
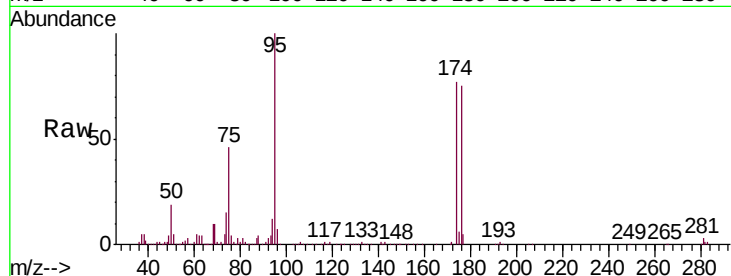
CPSB-12(10-15)

Tgt Ion: 75 Resp: 37858

Ion Ratio Lower Upper

75 100

77 1.8 179.4 538.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 118.785 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW008251.D

Acq: 14 Jan 2019 17:04

Tgt Ion: 75 Resp: 37858

Ion Ratio Lower Upper

75 100

53 0.3 78.8 118.2#

89 0.4 35.4 53.2#

