

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010719\
 Data File : VW008081.D
 Acq On : 07 Jan 2019 20:21
 Operator : SY/AP
 Sample : K1071-10
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-3(15-20)

Quant Time: Jan 08 05:13:34 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

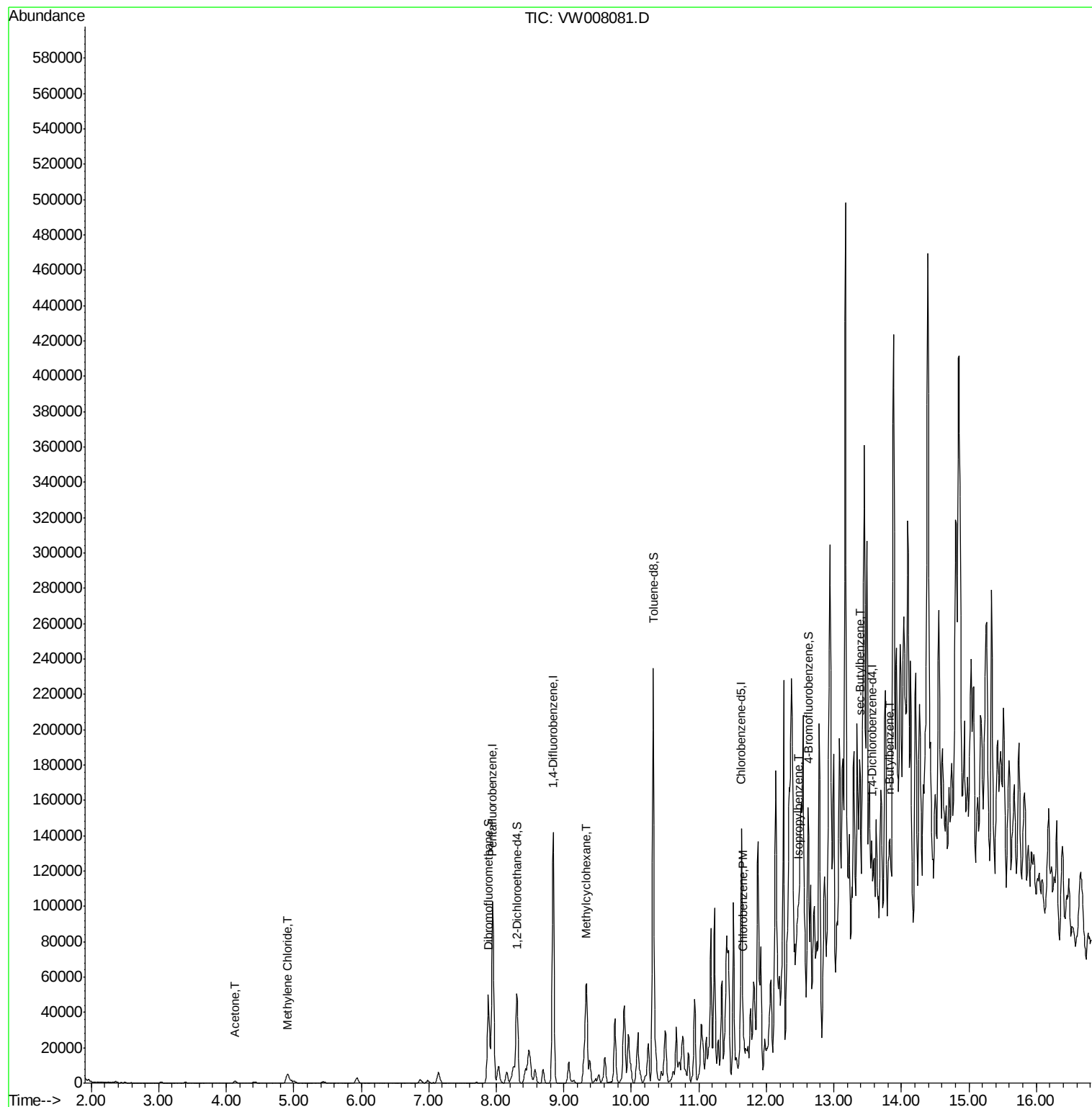
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	72486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	121149	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	71460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	13264	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	42951	53.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.14%	
35) Dibromofluoromethane	7.88	113	37221	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
50) Toluene-d8	10.32	98	130384	45.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.02%	
62) 4-Bromofluorobenzene	12.62	95	27606	25.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	50.26%	
Target Compounds						
					Qvalue	
16) Acetone	4.14	43	2252	18.146	ug/l	91
20) Methylene Chloride	4.91	84	4051	3.062	ug/l	96
39) Methylcyclohexane	9.34	83	22662	15.213	ug/l	98
65) Chlorobenzene	11.66	112	5986	3.919	ug/l	90
73) Isopropylbenzene	12.47	105	5116	4.851	ug/l	89
85) sec-Butylbenzene	13.39	105	27989	25.615	ug/l #	72
89) n-Butylbenzene	13.83	91	18334	20.337	ug/l #	78

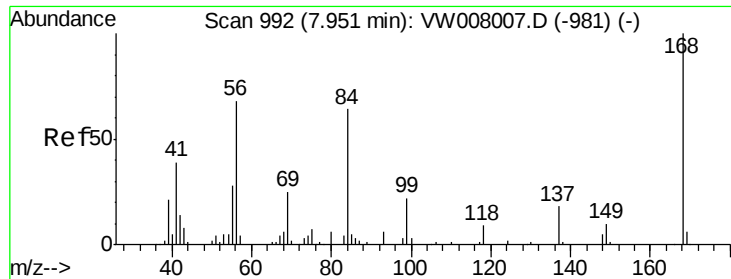
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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CPSB-3(15-20)

Quant Time: Jan 08 05:13:34 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
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: VW008081.D

Acq: 07 Jan 2019 20:21

Instrument :

MSVOA_W

ClientSampleId :

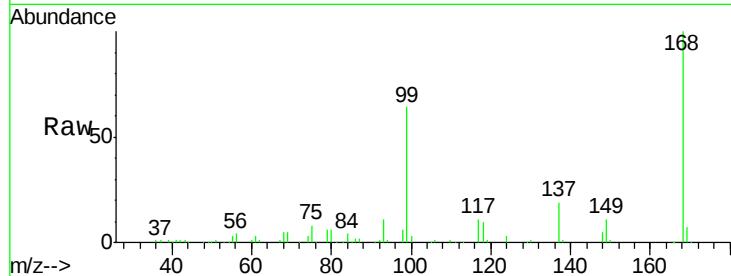
CPSB-3(15-20)

Tot Ion:168 Resp: 72486

Ion Ratio Lower Upper

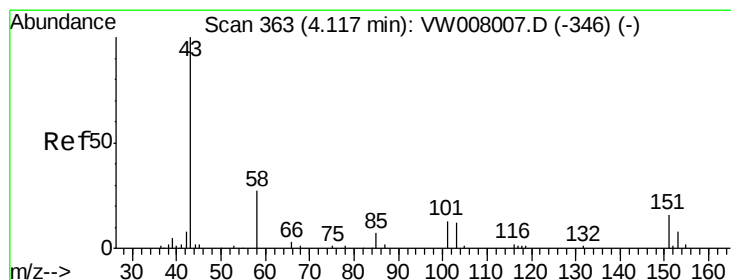
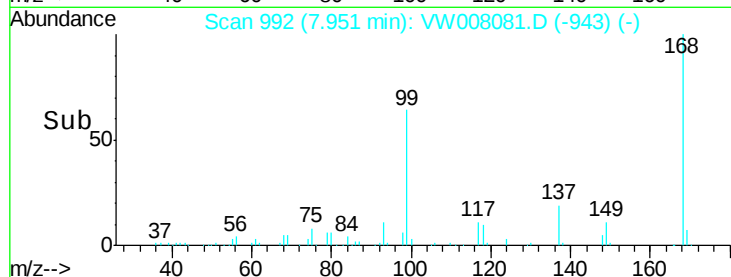
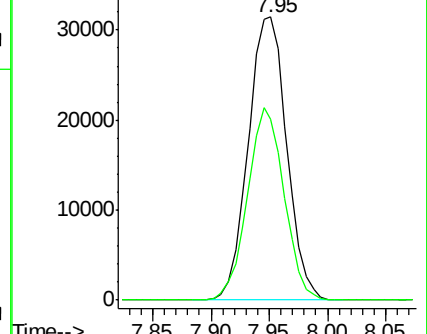
168 100

99 64.1 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: 18.146 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW008081.D

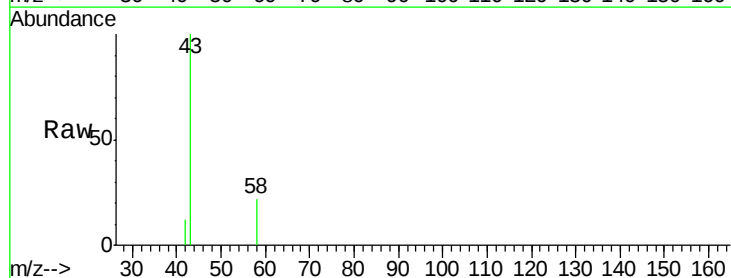
Acq: 07 Jan 2019 20:21

Tgt Ion: 43 Resp: 2252

Ion Ratio Lower Upper

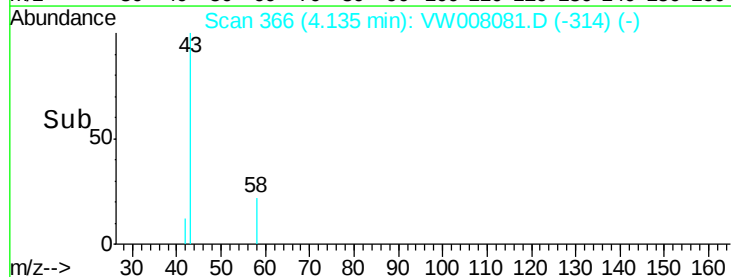
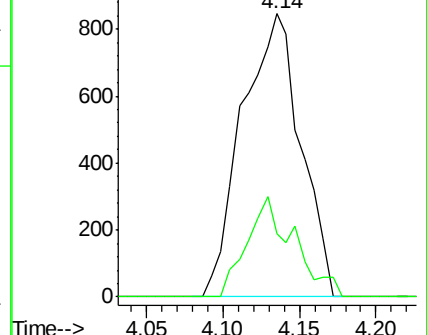
43 100

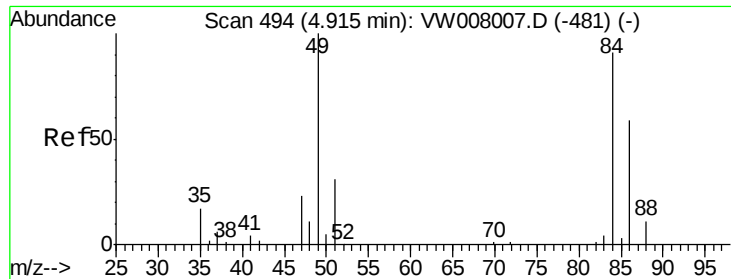
58 22.2 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

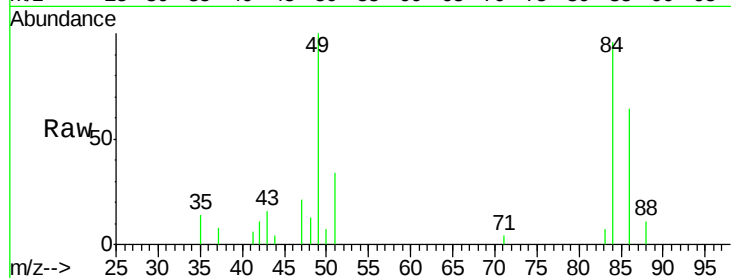




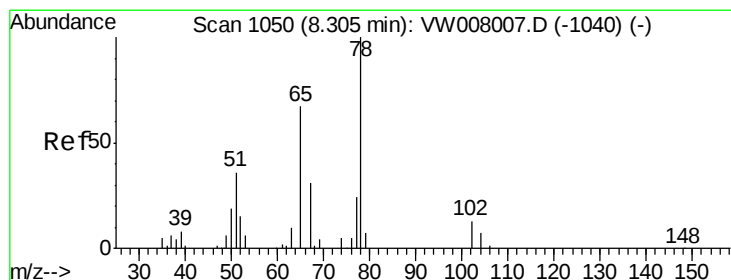
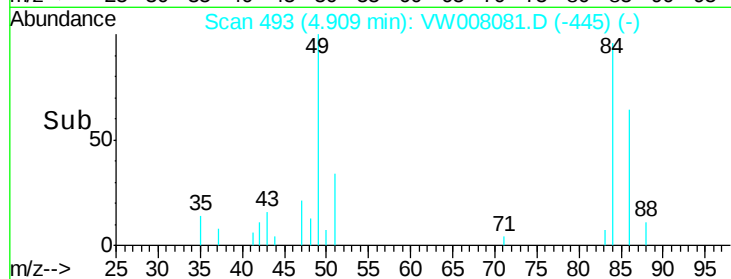
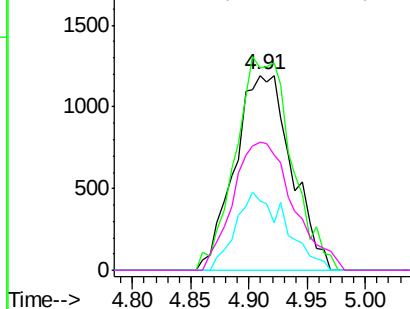
#20
Methvlene Chloride
Concen: 3.062 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW008081.D
Acq: 07 Jan 2019 20:21

Instrument :
MSVOA_W
ClientSampleId :
CPSB-3(15-20)

Tot Ion: 84 Resp: 4051
Ion Ratio Lower Upper
84 100
49 103.7 87.7 131.5
51 35.5 27.3 40.9
86 66.0 51.4 77.0

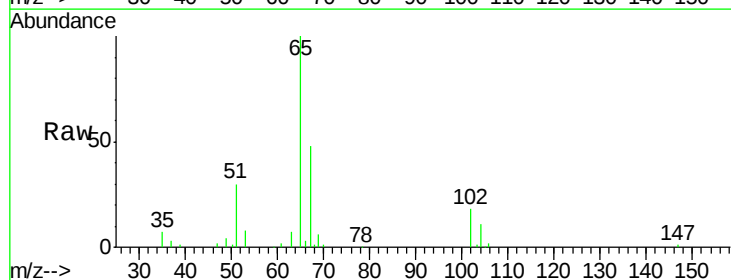


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

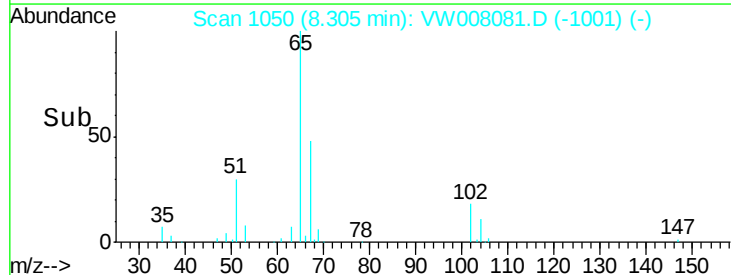
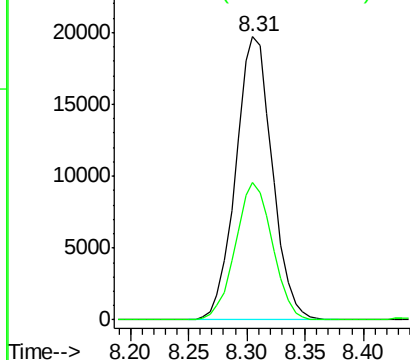


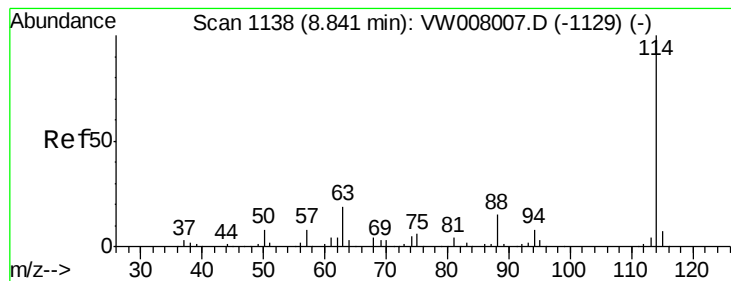
#33
1,2-Dichloroethane-d4
Concen: 53.572 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008081.D
Acq: 07 Jan 2019 20:21

Tgt Ion: 65 Resp: 42951
Ion Ratio Lower Upper
65 100
67 49.1 0.0 94.8



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: VW008081.D

Acq: 07 Jan 2019 20:21

Instrument :

MSVOA_W

ClientSampleId :

CPSB-3(15-20)

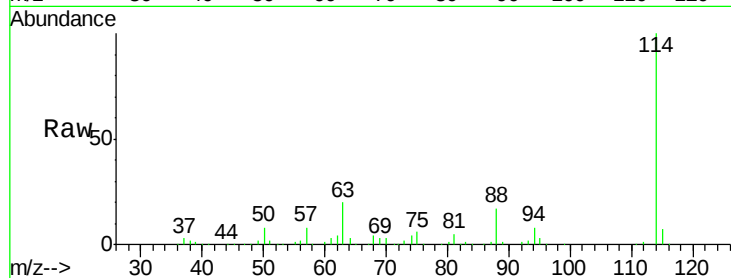
Tot Ion:114 Resp: 121149

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.8

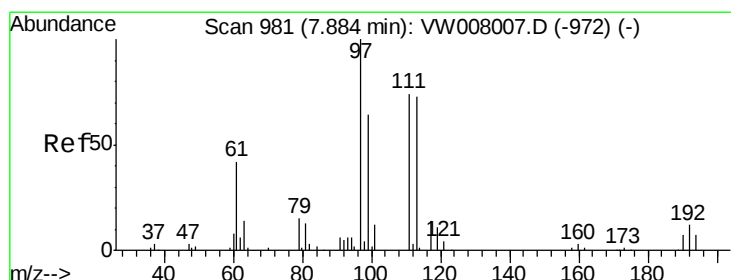
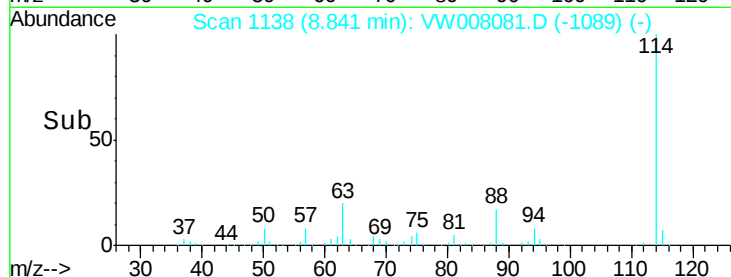
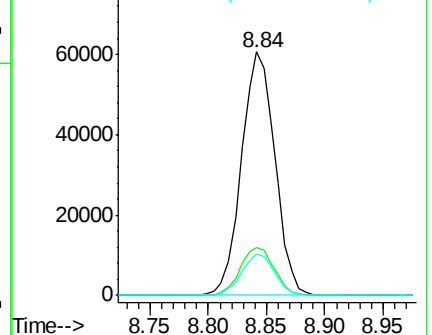
88 17.0 0.0 31.0



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: 48.736 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008081.D

Acq: 07 Jan 2019 20:21

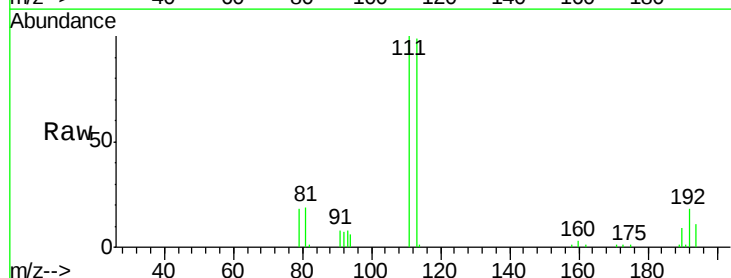
Tgt Ion:113 Resp: 37221

Ion Ratio Lower Upper

113 100

111 100.6 81.4 122.0

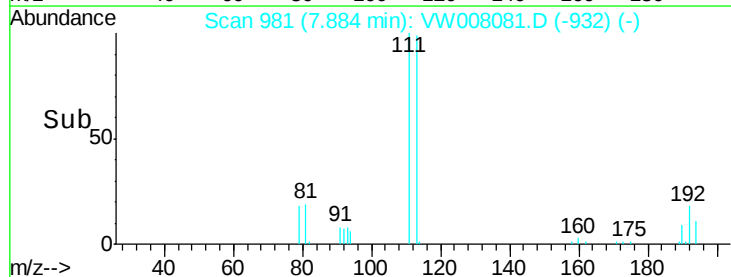
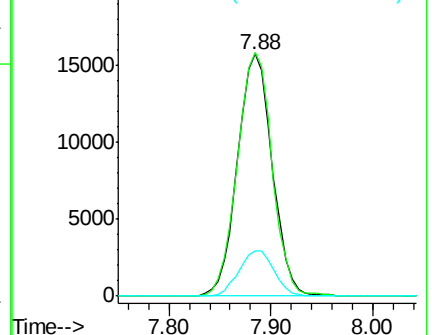
192 18.9 14.8 22.2

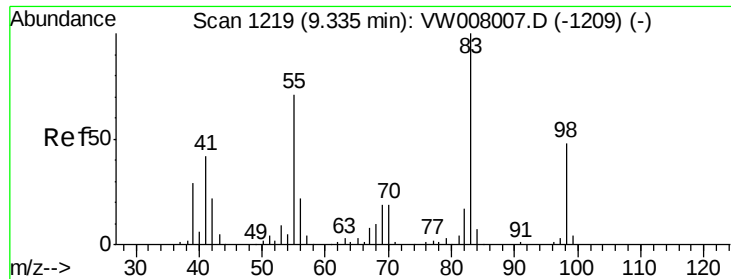


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

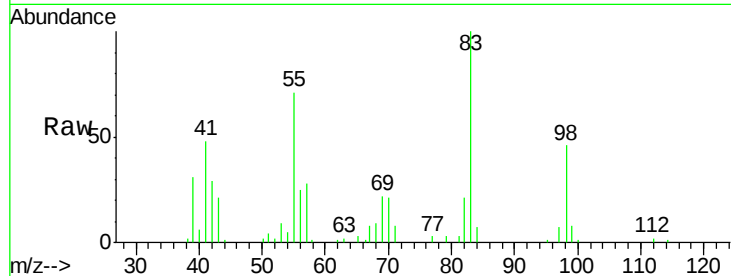




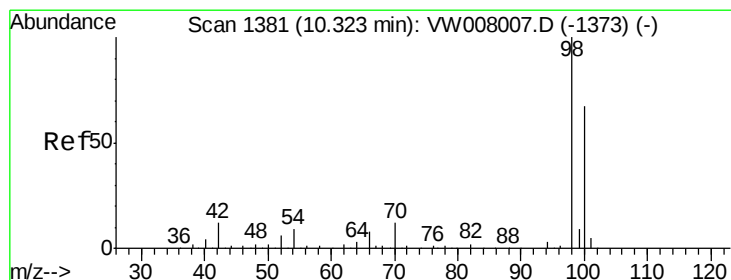
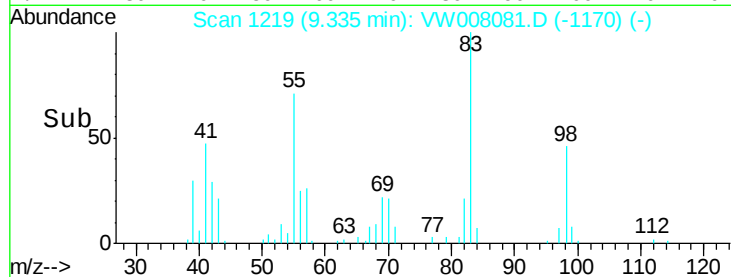
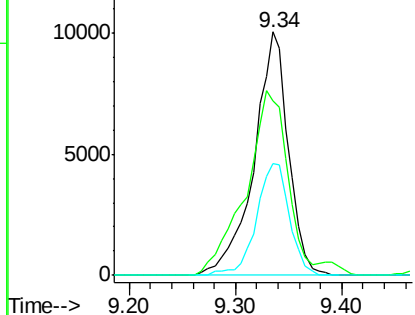
#39
Methylcyclohexane
Concen: 15.213 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008081.D
Acq: 07 Jan 2019 20:21

Instrument :
MSVOA_W
ClientSampleId :
CPSB-3(15-20)

Tot Ion: 83 Resp: 22662
Ion Ratio Lower Upper
83 100
55 71.4 56.8 85.2
98 46.0 38.6 58.0

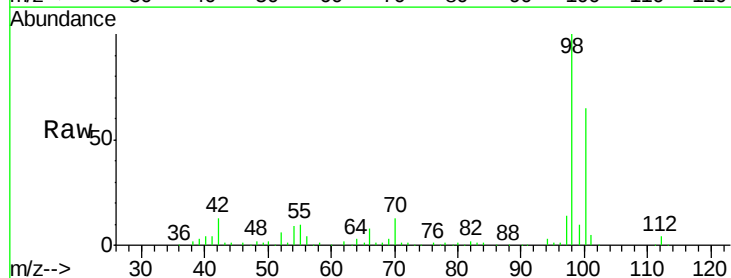


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

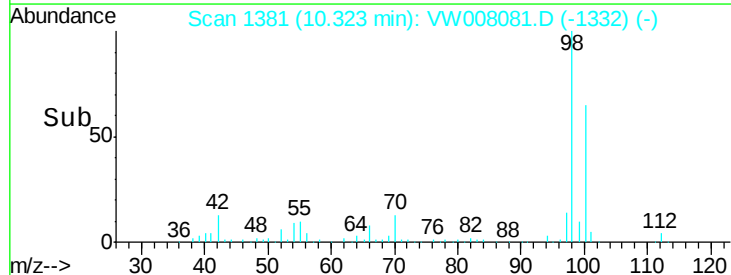
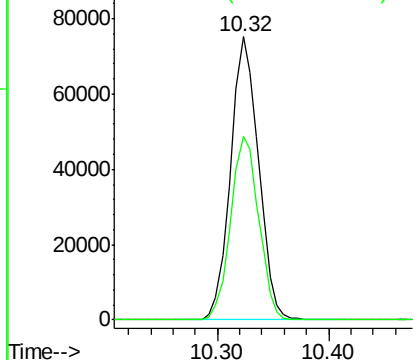


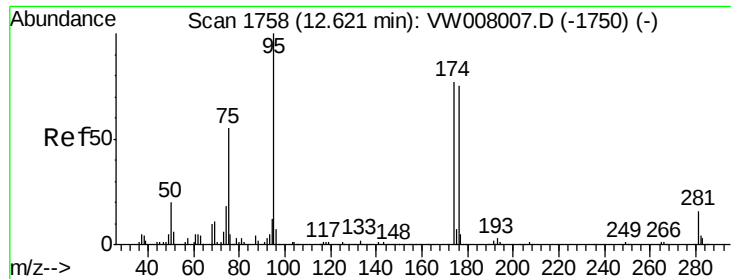
#50
Toluene-d8
Concen: 45.510 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008081.D
Acq: 07 Jan 2019 20:21

Tgt Ion: 98 Resp: 130384
Ion Ratio Lower Upper
98 100
100 65.1 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 25.126 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008081.D

Acq: 07 Jan 2019 20:21

Instrument :

MSVOA_W

ClientSampleId :

CPSB-3(15-20)

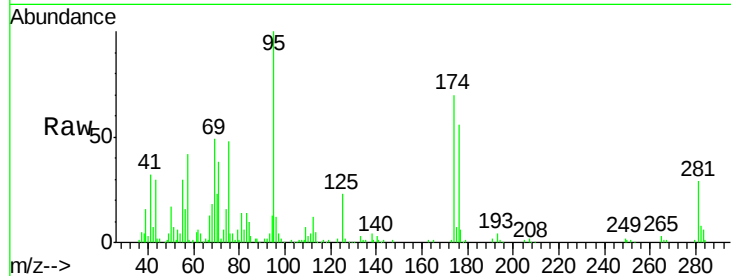
Tot Ion: 95 Resp: 27606

Ion Ratio Lower Upper

95 100

174 65.5 0.0 149.6

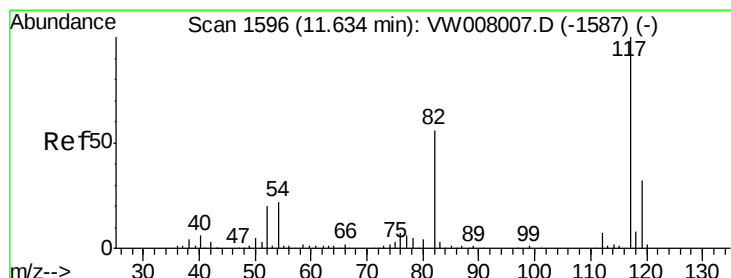
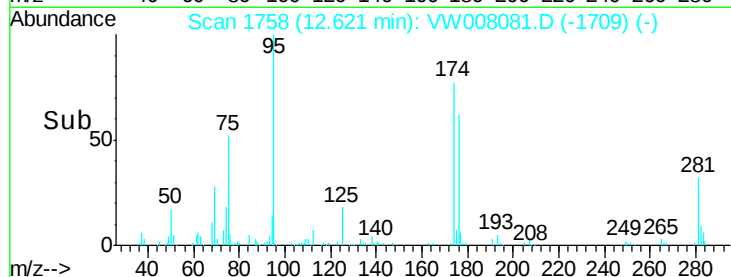
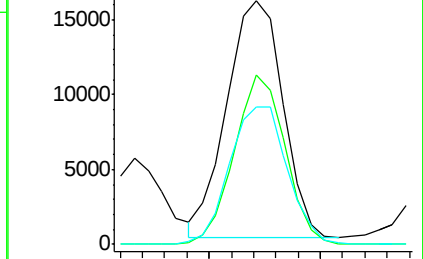
176 60.3 0.0 145.4



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: VW008081.D

Acq: 07 Jan 2019 20:21

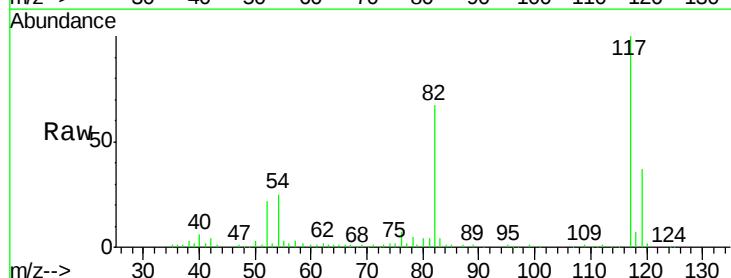
Tgt Ion: 117 Resp: 71460

Ion Ratio Lower Upper

117 100

82 66.6 44.8 67.2

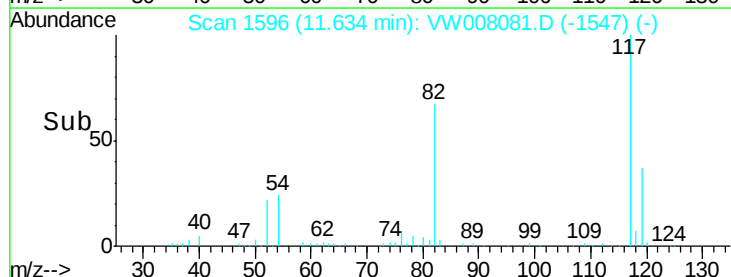
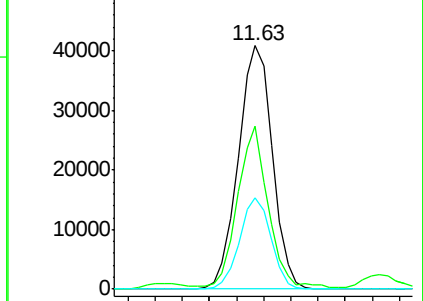
119 37.3 25.6 38.4

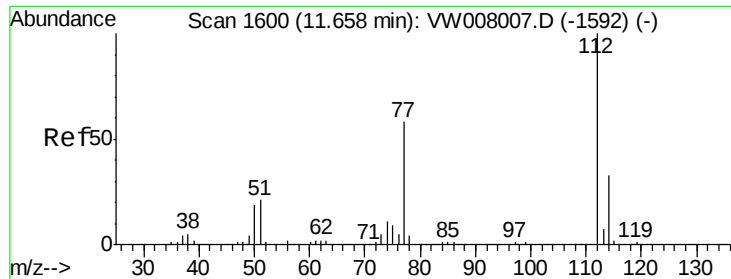


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

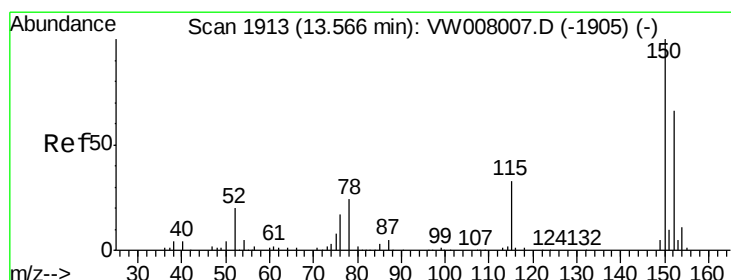
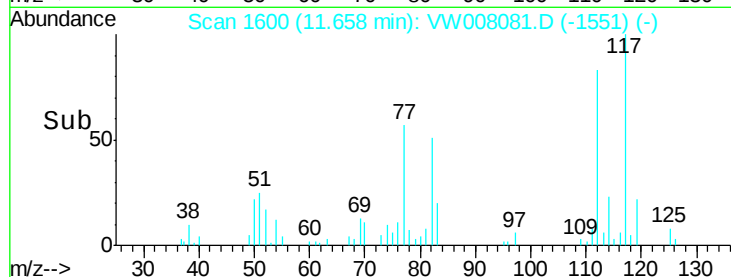
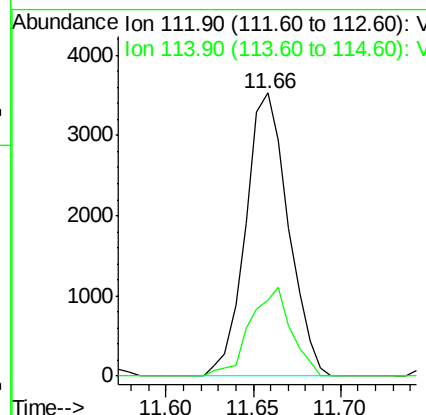
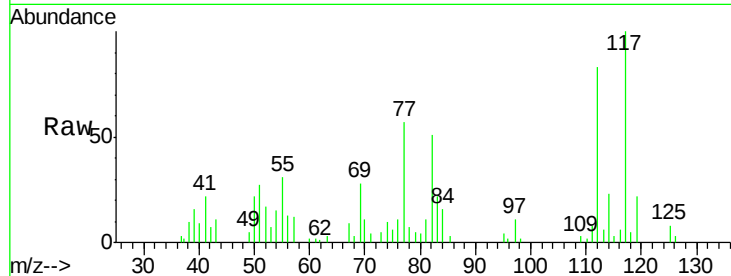




#65
Chlorobenzene
Concen: 3.919 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008081.D
Acq: 07 Jan 2019 20:21

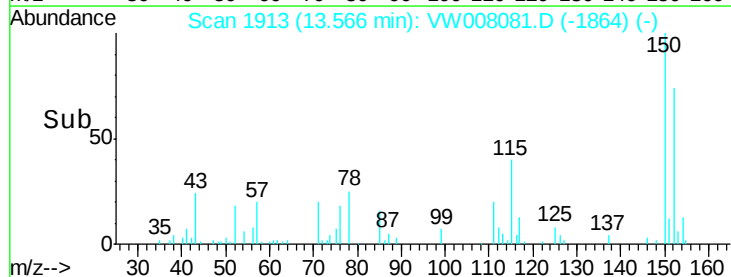
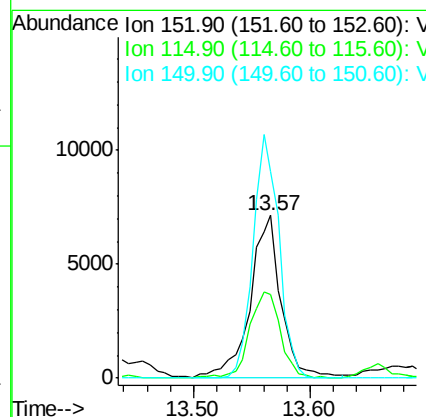
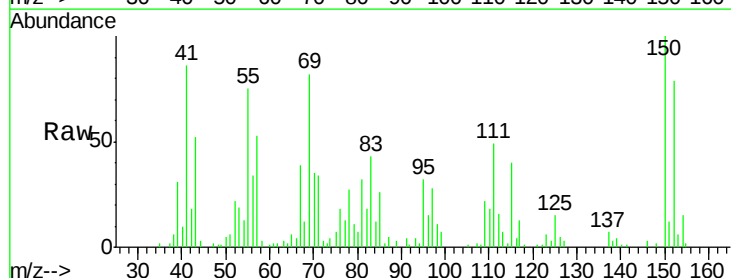
Instrument :
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ClientSampleId :
CPSB-3(15-20)

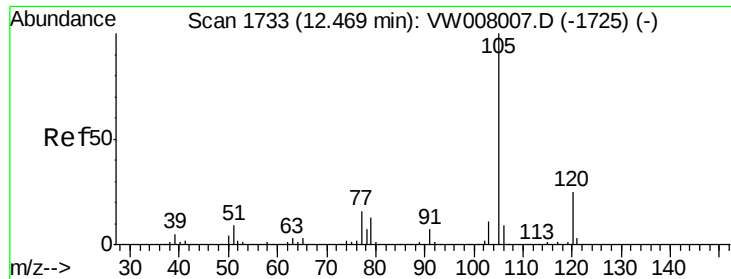
Tot Ion:112 Resp: 5986
Ion Ratio Lower Upper
112 100
114 27.1 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW008081.D
Acq: 07 Jan 2019 20:21

Tgt Ion:152 Resp: 13264
Ion Ratio Lower Upper
152 100
115 52.8 32.1 96.5
150 125.2 0.0 345.0





#73

Isopropylbenzene

Concen: 4.851 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW008081.D

Acq: 07 Jan 2019 20:21

Instrument :

MSVOA_W

ClientSampleId :

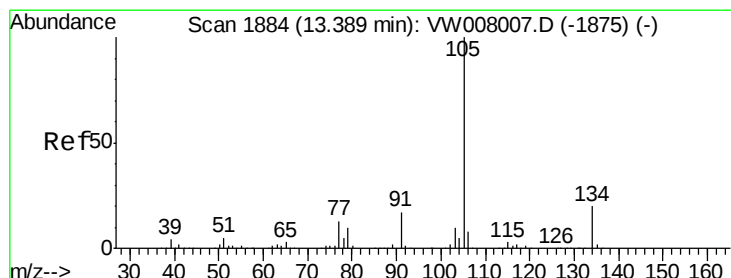
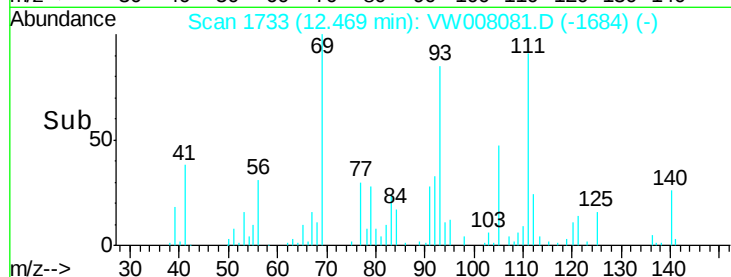
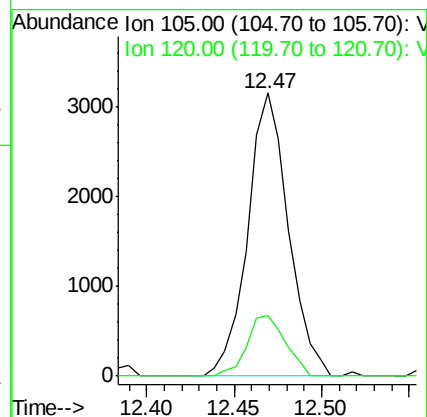
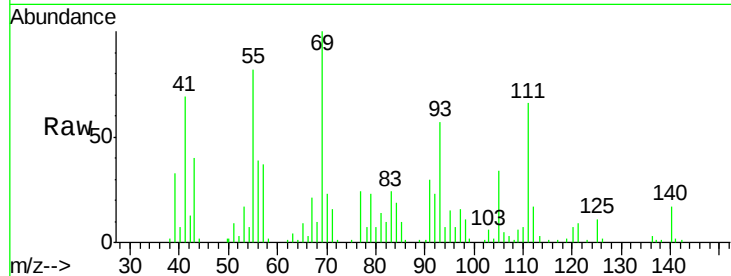
CPSB-3(15-20)

Tot Ion:105 Resp: 5116

Ion Ratio Lower Upper

105 100

120 20.2 12.8 38.3



#85

sec-Butylbenzene

Concen: 25.615 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW008081.D

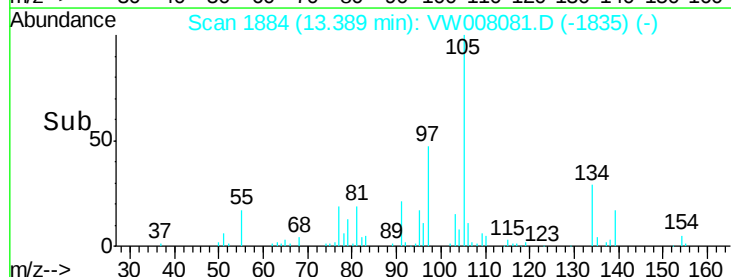
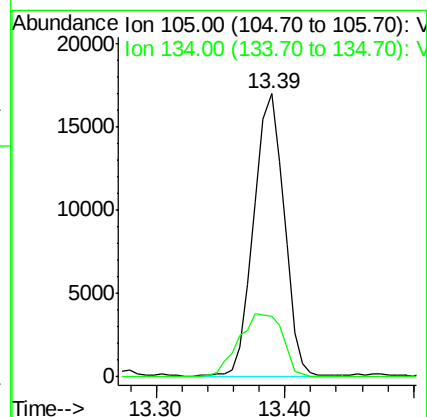
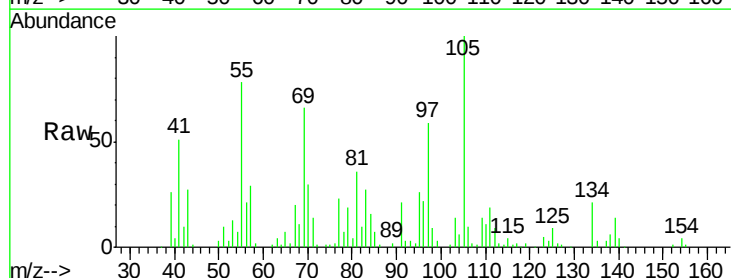
Acq: 07 Jan 2019 20:21

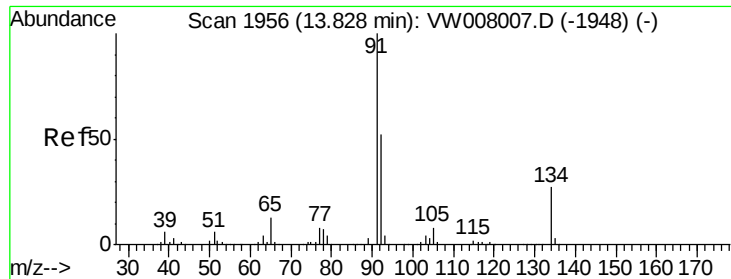
Tgt Ion:105 Resp: 27989

Ion Ratio Lower Upper

105 100

134 32.0 9.7 28.9#





#89

n-Butylbenzene

Concen: 20.337 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008081.D

Acq: 07 Jan 2019 20:21

Instrument :

MSVOA_W

ClientSampleId :

CPSB-3(15-20)

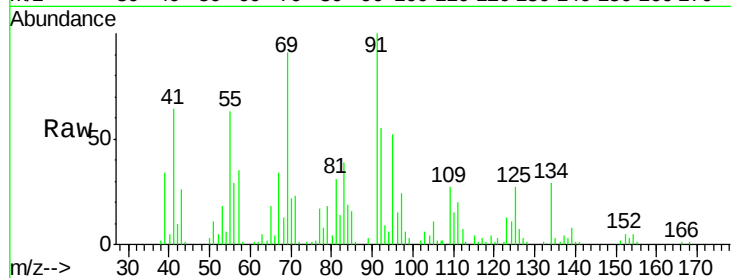
Tot Ion: 91 Resp: 18334

Ion Ratio Lower Upper

91 100

92 47.7 26.4 79.2

134 0.0 13.4 40.2#



Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V

