

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011019\
 Data File : VW008157.D
 Acq On : 10 Jan 2019 19:01
 Operator : SY/AP
 Sample : K1088-04
 Misc : 5.10G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-04(15-20)

Quant Time: Jan 11 06:37:21 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

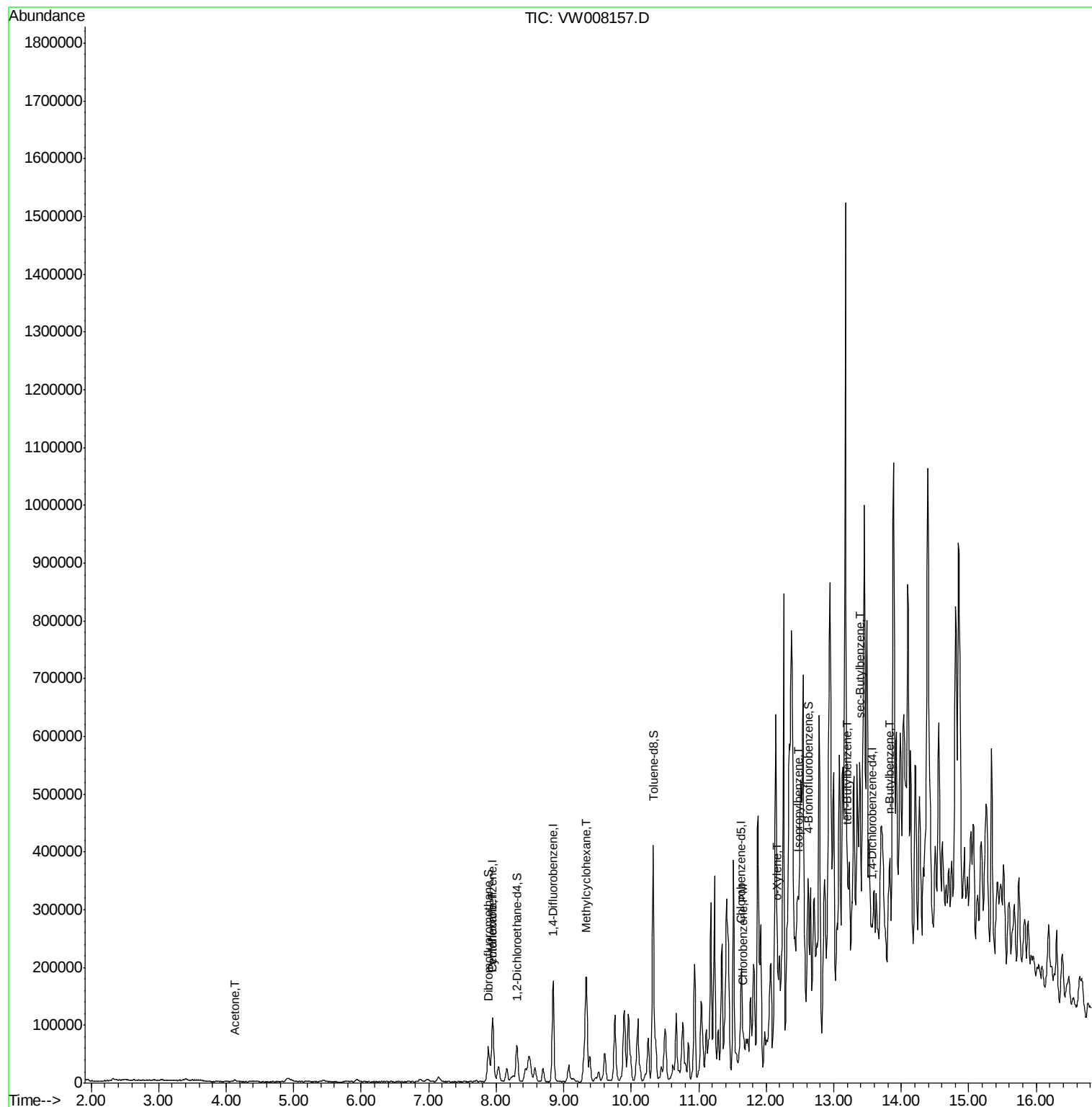
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	69764	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	136418	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	88520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	18020	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	46815	59.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.42%	
35) Dibromofluoromethane	7.88	113	42734	53.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.42%	
50) Toluene-d8	10.32	98	167944	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
62) 4-Bromofluorobenzene	12.62	95	37943	31.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.40%	
Target Compounds						
					Qvalue	
16) Acetone	4.14	43	6730	29.060	ug/l	95
31) Cyclohexane	7.95	56	8945	5.421	ug/l #	64
39) Methylcyclohexane	9.34	83	66520	37.333	ug/l	95
65) Chlorobenzene	11.66	112	14548	7.757	ug/l	99
69) o-Xylene	12.17	106	3164	2.609	ug/l	53
73) Isopropylbenzene	12.47	105	49961	35.315	ug/l	97
83) tert-Butylbenzene	13.21	119	8214	7.986	ug/l	72
85) sec-Butylbenzene	13.39	105	117359	77.895	ug/l	79
89) n-Butylbenzene	13.83	91	73392	57.596	ug/l #	85

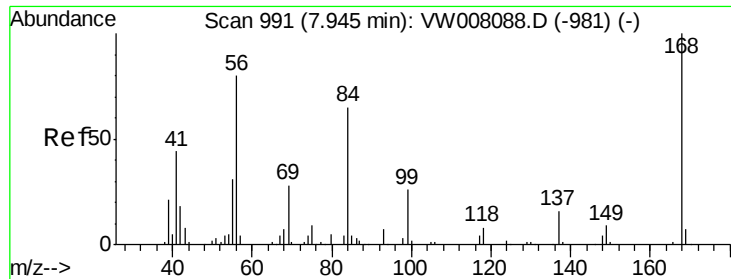
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008157.D

Acq: 10 Jan 2019 19:01

Instrument :

MSVOA_W

ClientSampleId :

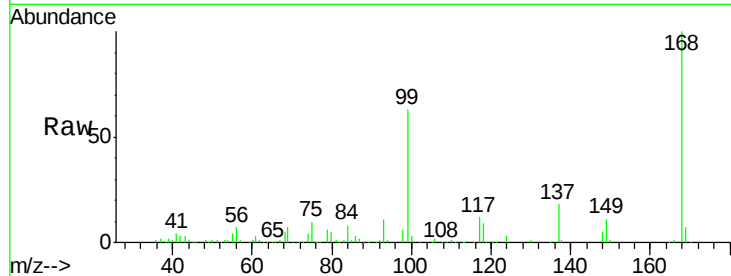
CPSB-04(15-20)

Tot Ion:168 Resp: 69764

Ion Ratio Lower Upper

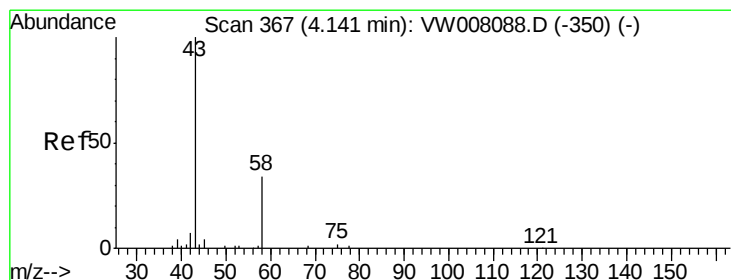
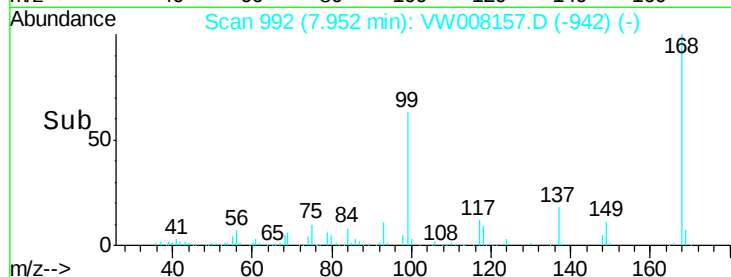
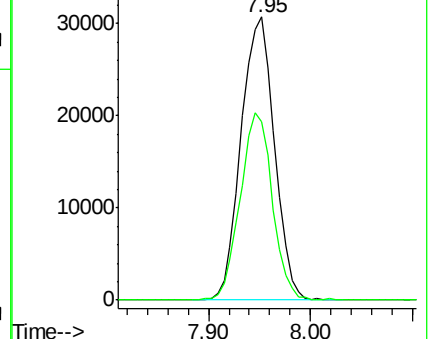
168 100

99 62.8 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 29.060 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW008157.D

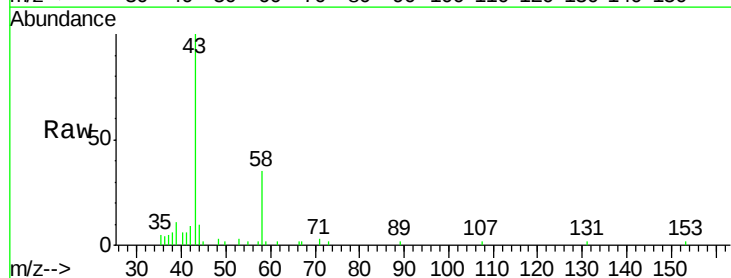
Acq: 10 Jan 2019 19:01

Tgt Ion: 43 Resp: 6730

Ion Ratio Lower Upper

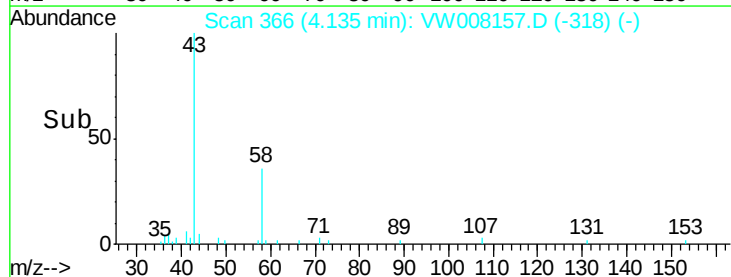
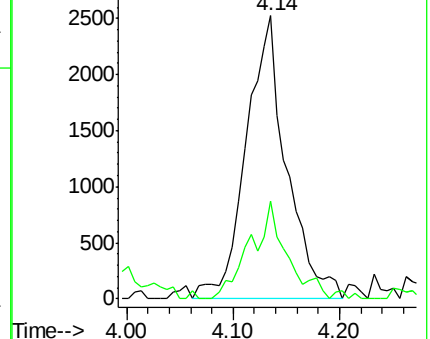
43 100

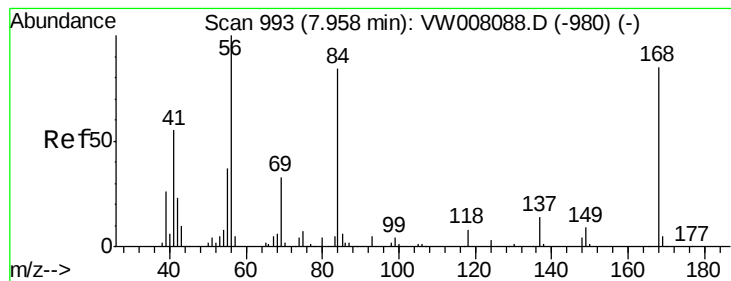
58 31.7 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#31

Cyclohexane

Concen: 5.421 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008157.D

Acq: 10 Jan 2019 19:01

Instrument :

MSVOA_W

ClientSampleId :

CPSB-04(15-20)

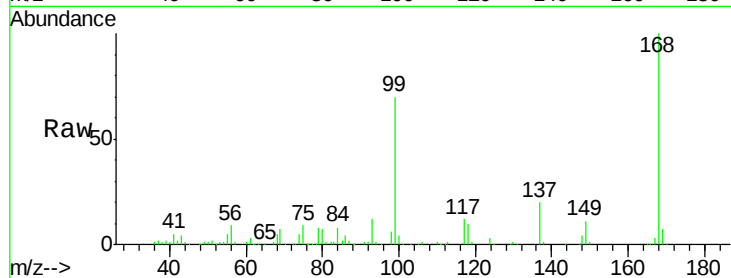
Tot Ion: 56 Resp: 8945

Ion Ratio Lower Upper

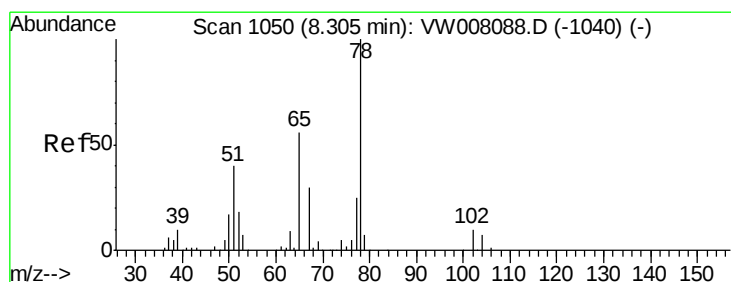
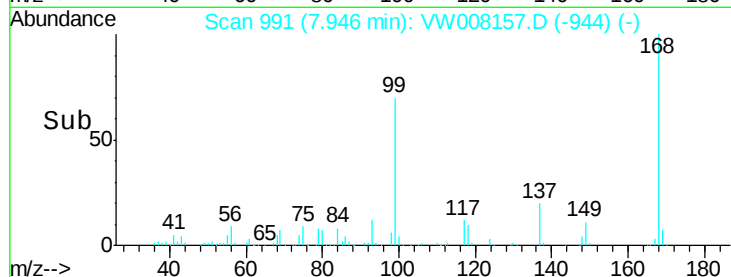
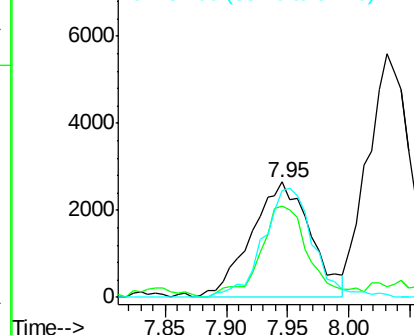
56 100

69 82.6 26.2 39.4#

84 98.7 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: 59.706 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008157.D

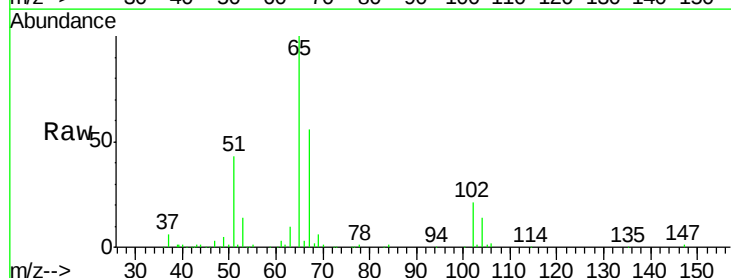
Acq: 10 Jan 2019 19:01

Tgt Ion: 65 Resp: 46815

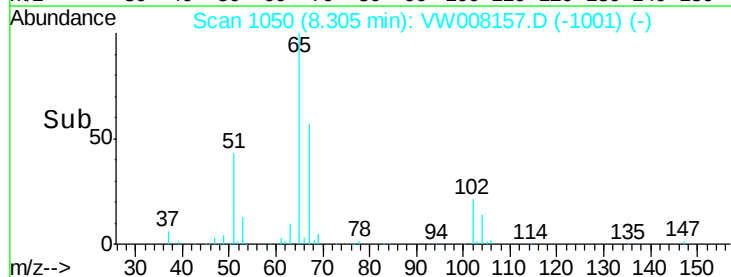
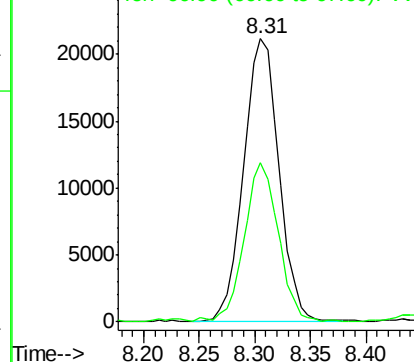
Ion Ratio Lower Upper

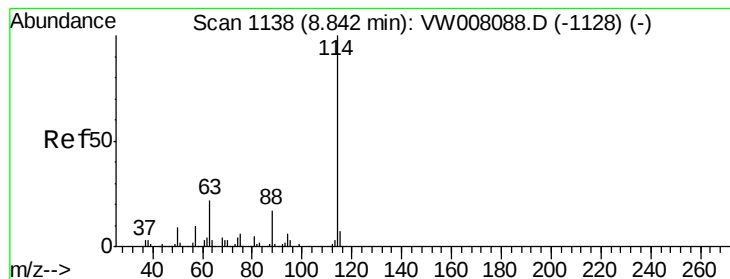
65 100

67 54.5 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: VW008157.D

Acq: 10 Jan 2019 19:01

Instrument :

MSVOA_W

ClientSampleId :

CPSB-04(15-20)

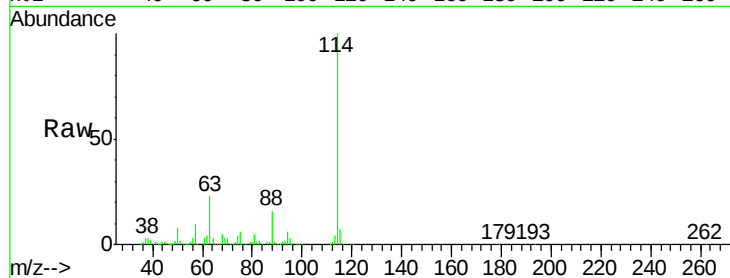
Tot Ion:114 Resp: 136418

Ion Ratio Lower Upper

114 100

63 22.7 0.0 43.4

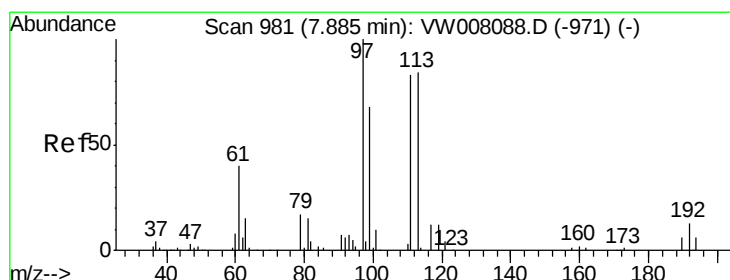
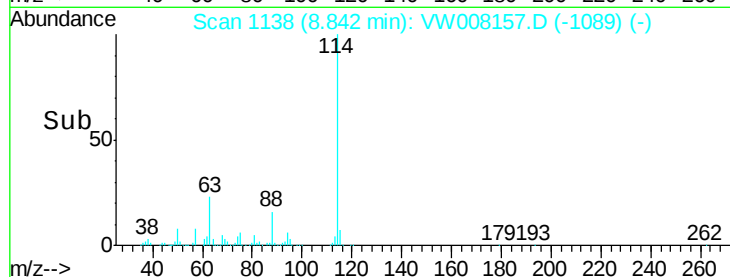
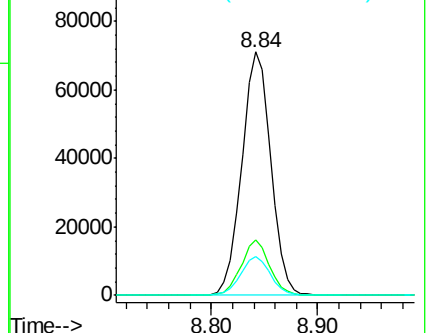
88 16.2 0.0 33.4



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: 53.710 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008157.D

Acq: 10 Jan 2019 19:01

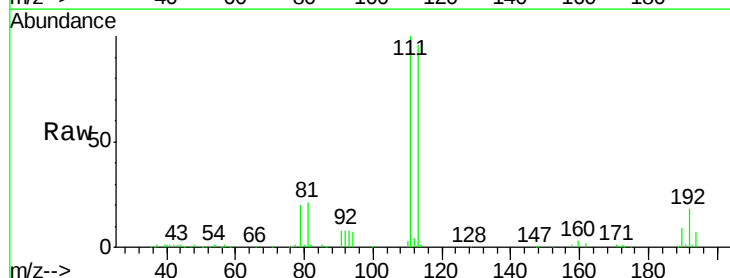
Tgt Ion:113 Resp: 42734

Ion Ratio Lower Upper

113 100

111 102.0 81.8 122.8

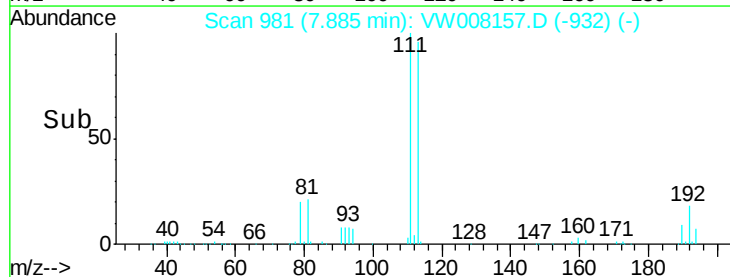
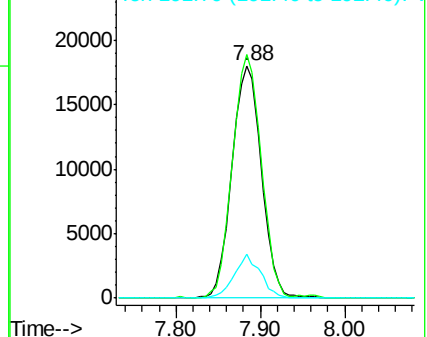
192 16.8 12.8 19.2

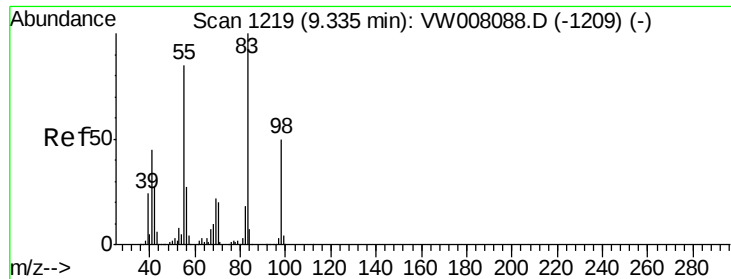


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

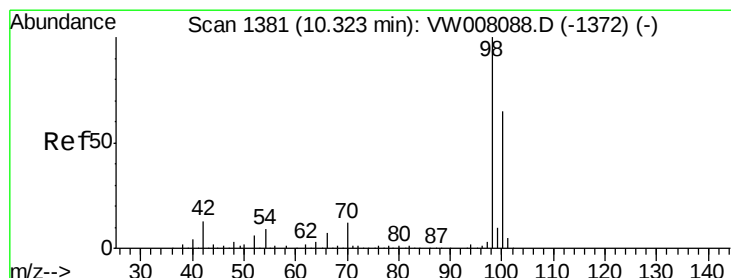
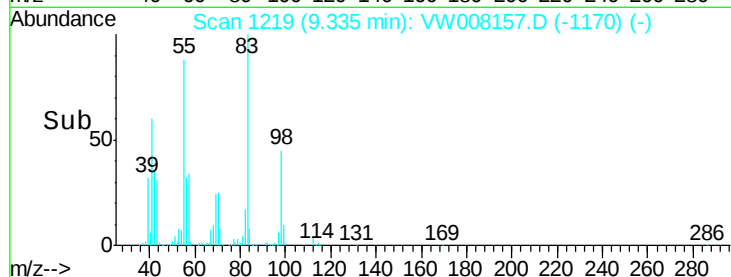
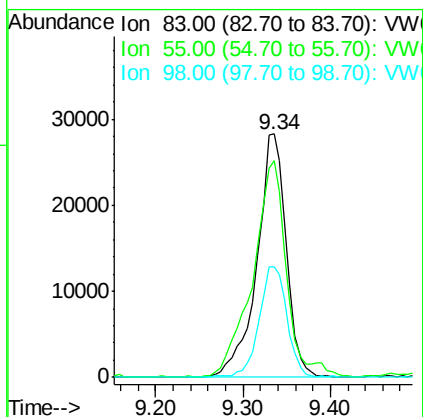
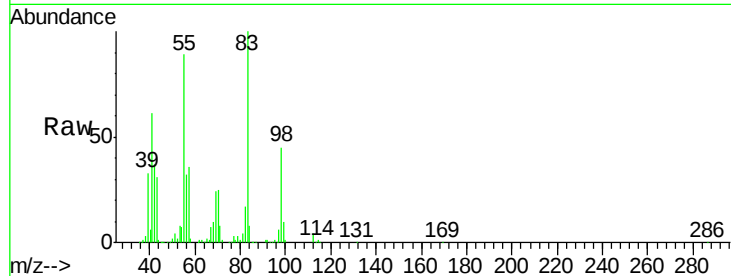




#39
Methvlcvclohexane
Concen: 37.333 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008157.D
Acq: 10 Jan 2019 19:01

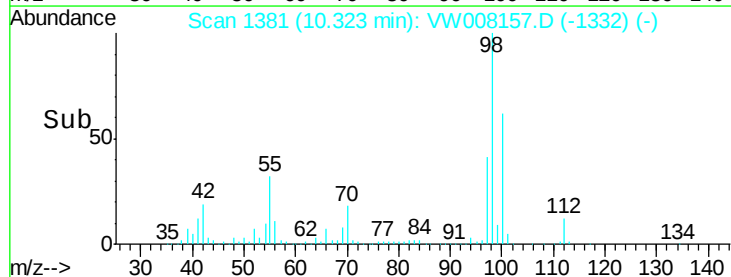
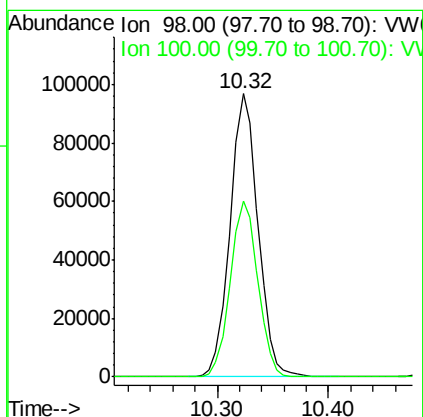
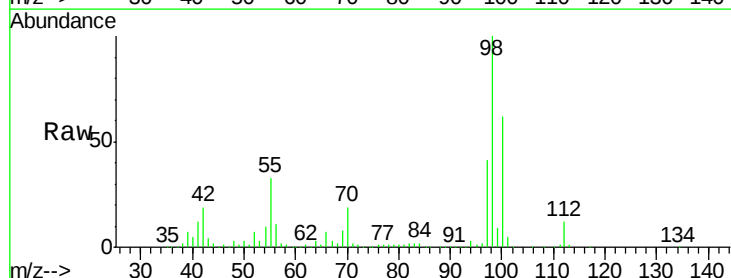
Instrument :
MSVOA_W
ClientSampleId :
CPSB-04(15-20)

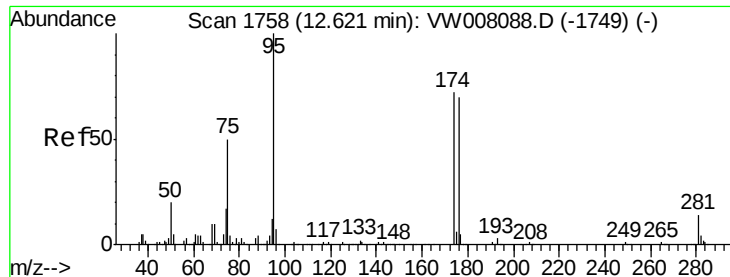
Tot Ion: 83 Resp: 66520
Ion Ratio Lower Upper
83 100
55 88.3 67.8 101.6
98 45.5 40.2 60.4



#50
Toluene-d8
Concen: 50.300 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008157.D
Acq: 10 Jan 2019 19:01

Tgt Ion: 98 Resp: 167944
Ion Ratio Lower Upper
98 100
100 61.2 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 31.699 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW008157.D

Acq: 10 Jan 2019 19:01

Instrument :

MSVOA_W

ClientSampleId :

CPSB-04(15-20)

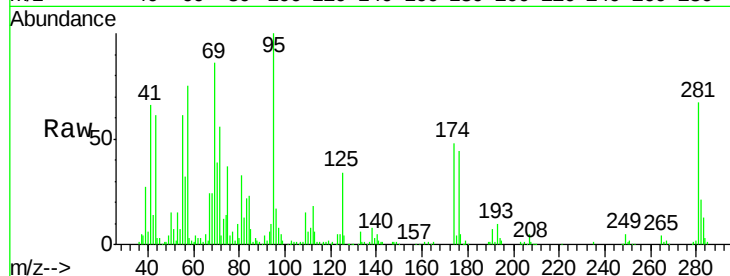
Tot Ion: 95 Resp: 37943

Ion Ratio Lower Upper

95 100

174 53.0 0.0 143.0

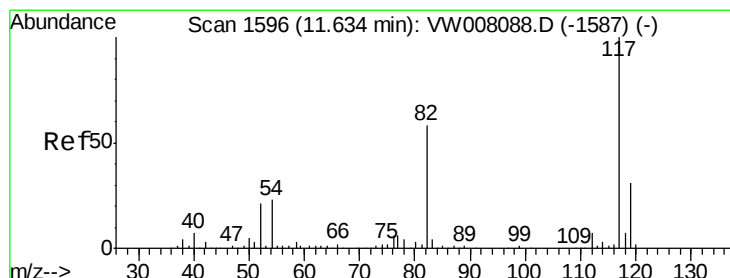
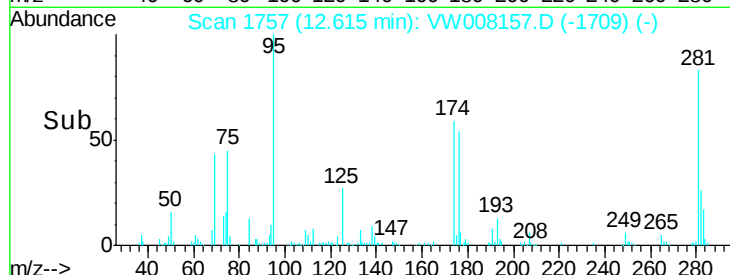
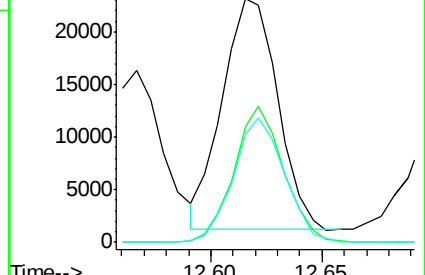
176 49.7 0.0 140.2



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: VW008157.D

Acq: 10 Jan 2019 19:01

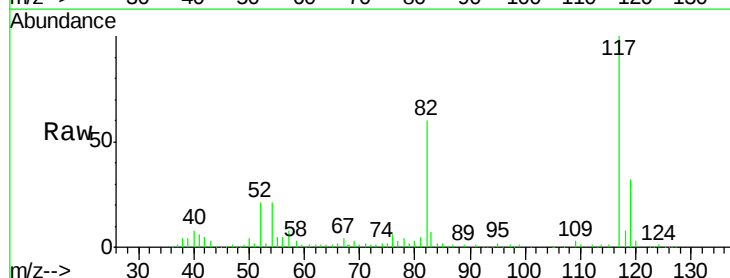
Tgt Ion: 117 Resp: 88520

Ion Ratio Lower Upper

117 100

82 57.8 46.4 69.6

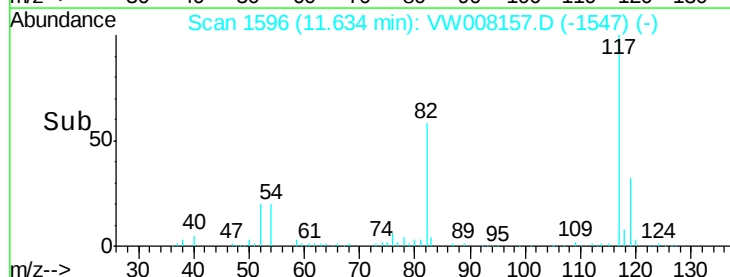
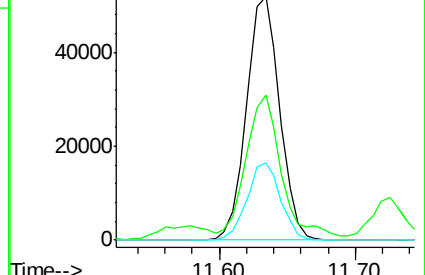
119 31.7 24.7 37.1

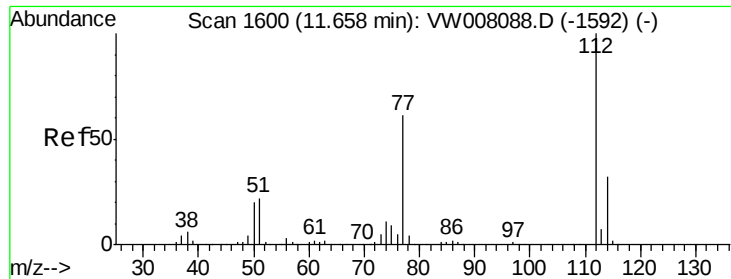


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

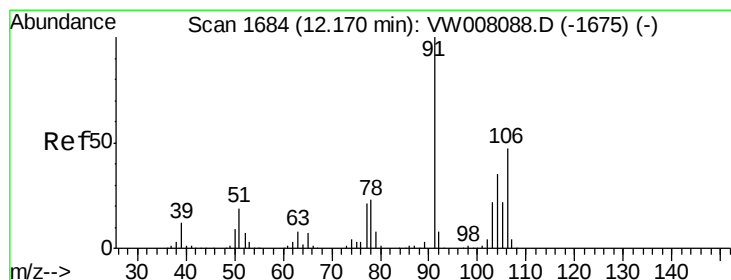
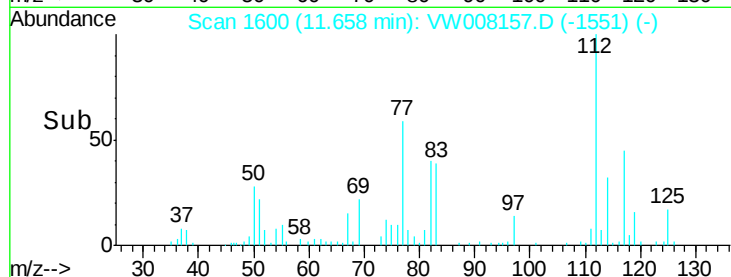
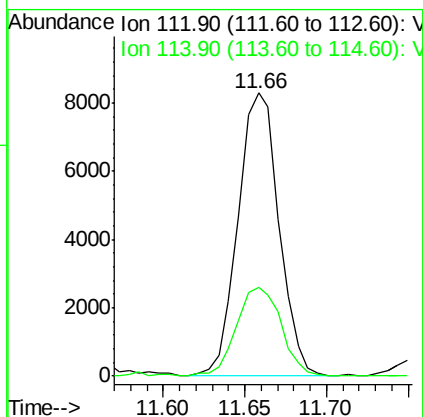
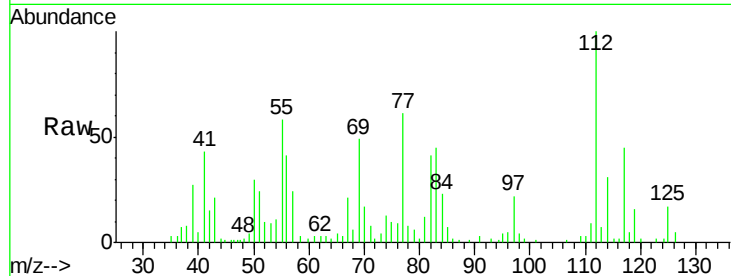




#65
Chlorobenzene
Concen: 7.757 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008157.D
Acq: 10 Jan 2019 19:01

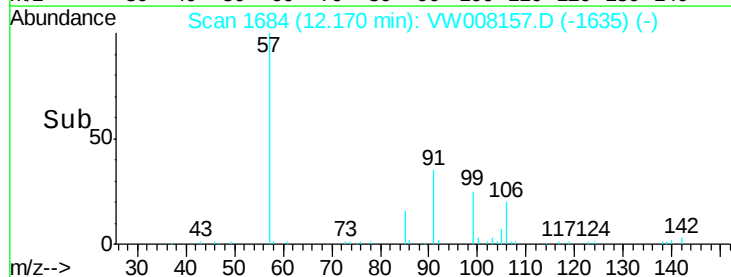
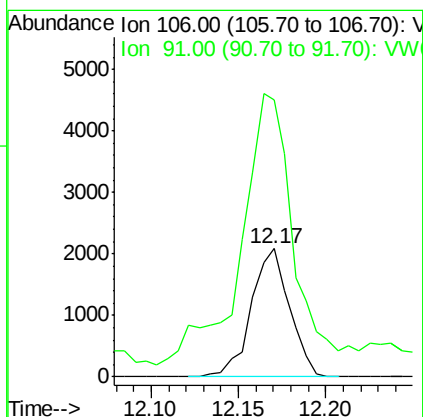
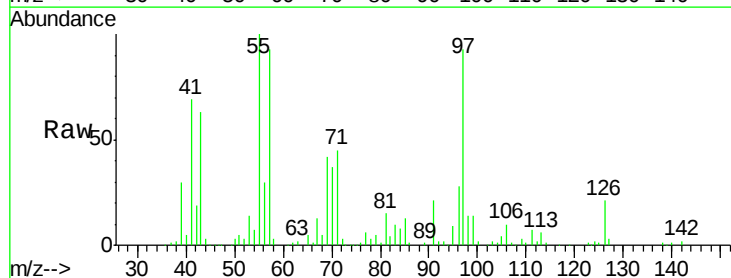
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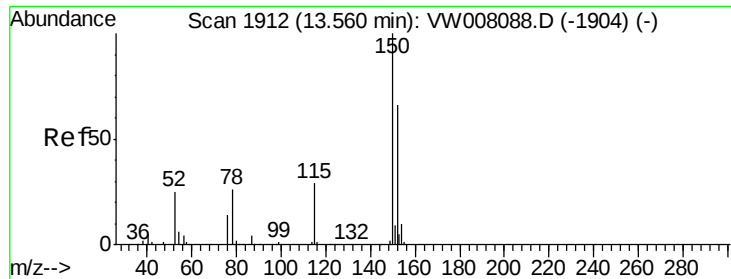
Tot Ion:112 Resp: 14548
Ion Ratio Lower Upper
112 100
114 31.2 25.6 38.4



#69
o-Xylene
Concen: 2.609 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008157.D
Acq: 10 Jan 2019 19:01

Tgt Ion:106 Resp: 3164
Ion Ratio Lower Upper
106 100
91 289.9 107.8 323.6



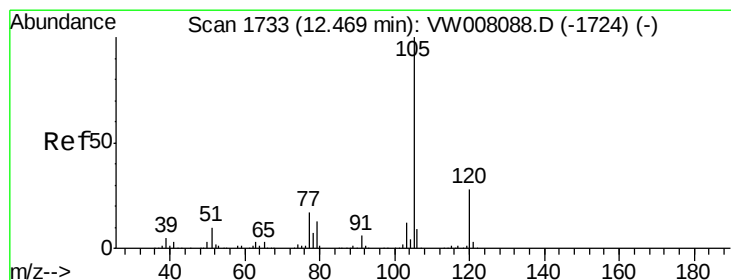
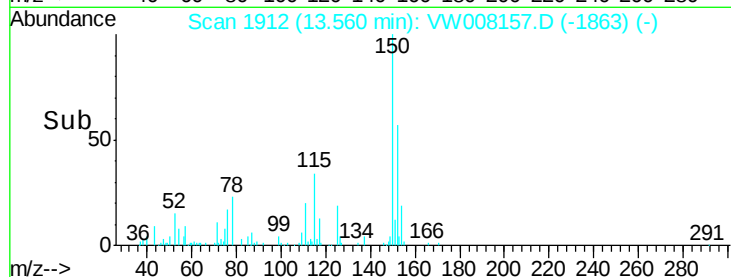
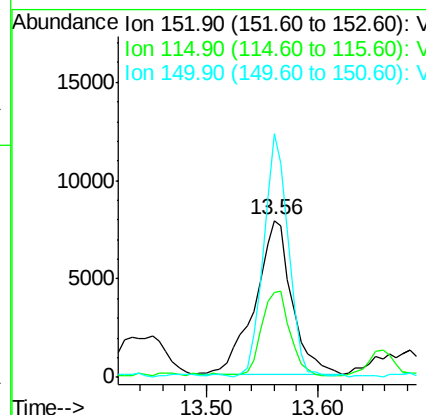
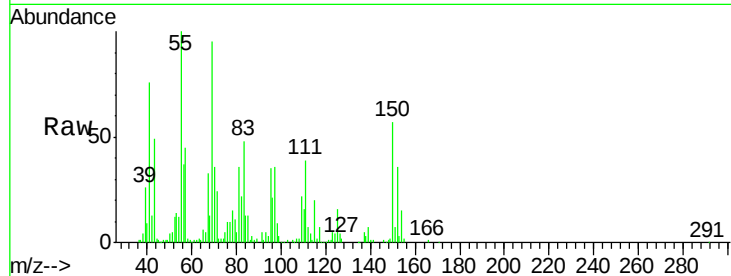


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008157.D
Acq: 10 Jan 2019 19:01

Instrument :
MSVOA_W
ClientSampleId :
CPSB-04(15-20)

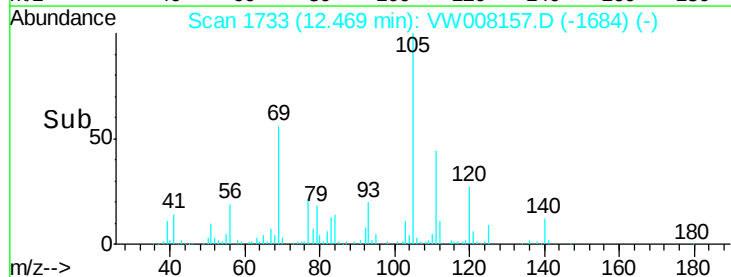
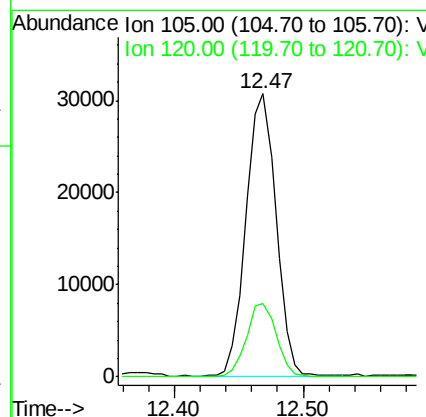
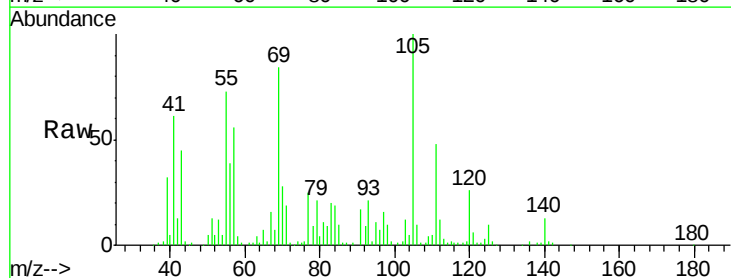
Tot Ion:152 Resp: 18020
Ion Ratio Lower Upper
152 100
115 41.8 30.8 92.4
150 107.7 0.0 350.2

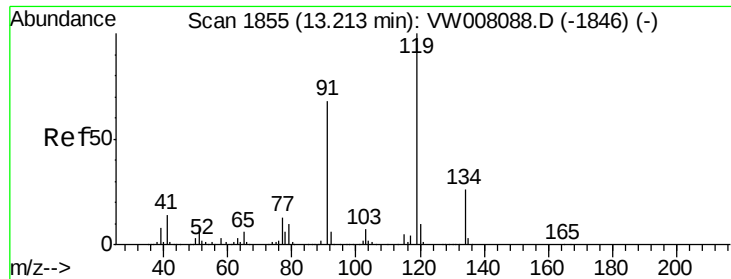


#73

Isopropylbenzene
Concen: 35.315 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW008157.D
Acq: 10 Jan 2019 19:01

Tgt Ion:105 Resp: 49961
Ion Ratio Lower Upper
105 100
120 25.8 13.6 40.8

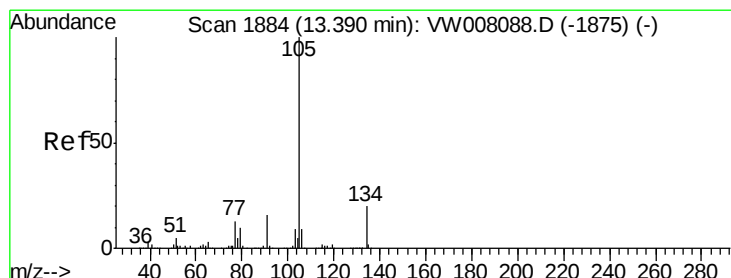
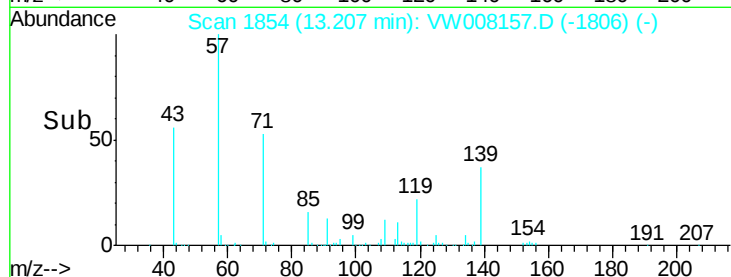
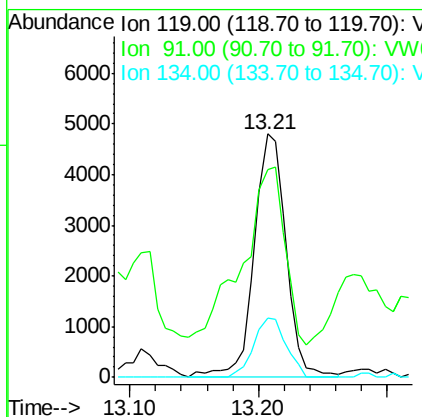
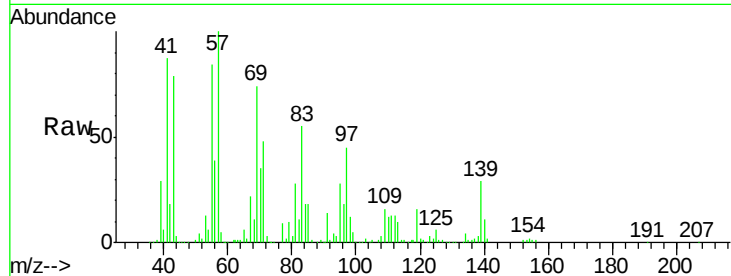




#83
tert-Butylbenzene
Concen: 7.986 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW008157.D
Acq: 10 Jan 2019 19:01

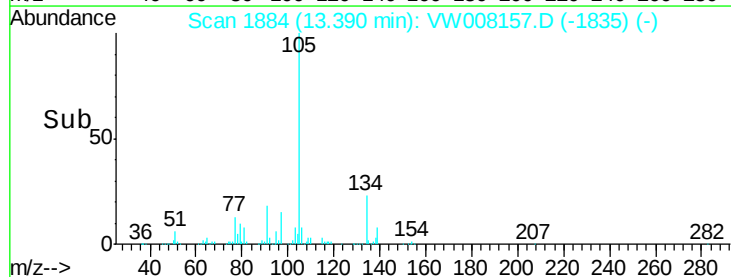
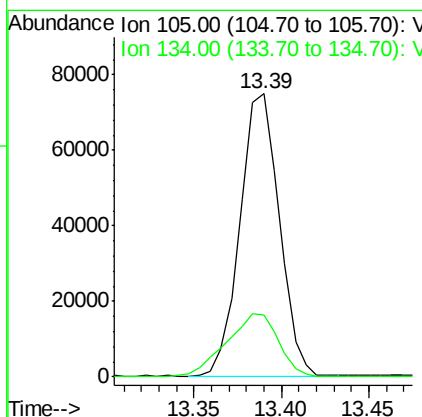
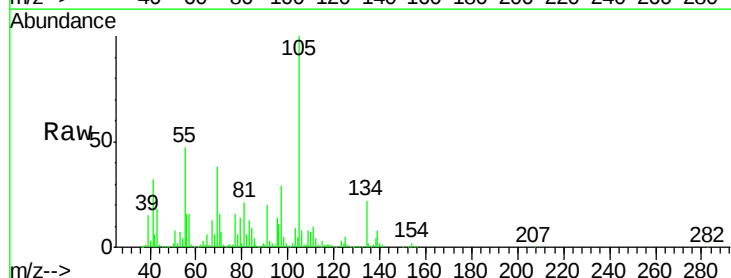
Instrument :
MSVOA_W
ClientSampleId :
CPSB-04(15-20)

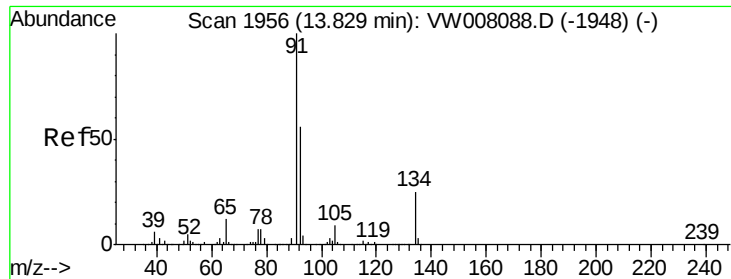
Tot Ion:119 Resp: 8214
Ion Ratio Lower Upper
119 100
91 98.3 33.9 101.6
134 24.8 13.6 40.8



#85
sec-Butylbenzene
Concen: 77.895 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VW008157.D
Acq: 10 Jan 2019 19:01

Tgt Ion:105 Resp: 117359
Ion Ratio Lower Upper
105 100
134 29.7 10.1 30.1





#89

n-Butylbenzene

Concen: 57.596 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008157.D

Acq: 10 Jan 2019 19:01

Instrument :

MSVOA_W

ClientSampleId :

CPSB-04(15-20)

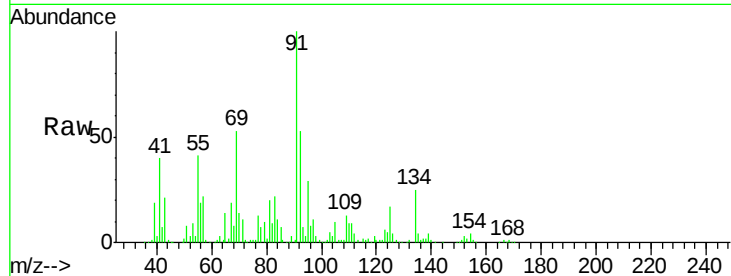
Tot Ion: 91 Resp: 73392

Ion Ratio Lower Upper

91 100

92 49.7 27.4 82.2

134 40.6 12.6 37.8#



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

