

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010919\
 Data File : VW008104.D
 Acq On : 09 Jan 2019 15:44
 Operator : SY/AP
 Sample : K1071-10RE
 Misc : 5.06G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jan 10 17:04:19 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

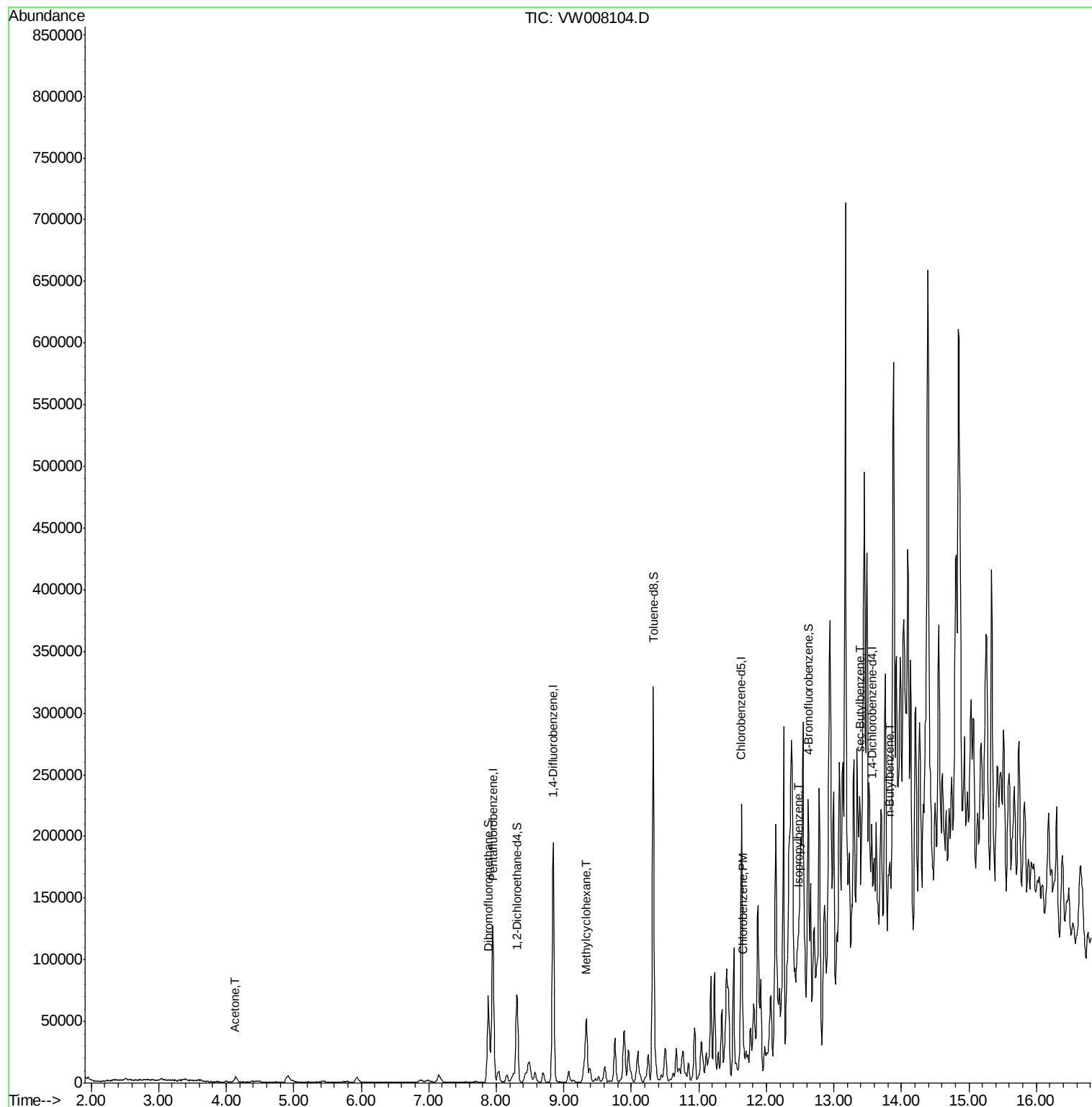
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	93535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	164257	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	115292	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	22878	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	54044	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
35) Dibromofluoromethane	7.88	113	48745	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
50) Toluene-d8	10.32	98	187763	46.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.42%	
62) 4-Bromofluorobenzene	12.62	95	41565	28.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	57.68%	
Target Compounds						
16) Acetone	4.13	43	7253	18.826	ug/l	95
39) Methylcyclohexane	9.34	83	18480	8.614	ug/l	96
65) Chlorobenzene	11.66	112	6433	2.634	ug/l	96
73) Isopropylbenzene	12.47	105	4336	2.414	ug/l	86
85) sec-Butylbenzene	13.39	105	33302	17.410	ug/l #	71
89) n-Butylbenzene	13.83	91	22790	14.087	ug/l #	78

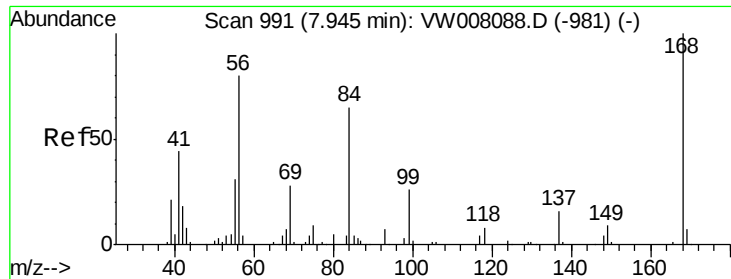
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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: VW008104.D

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Instrument :

MSVOA_W

ClientSampleId :

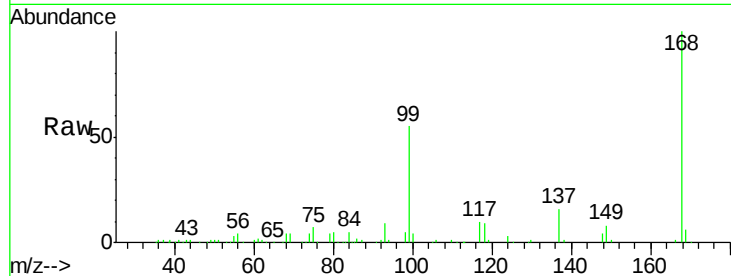
CPSB-3(15-20)RE

Tot Ion:168 Resp: 93535

Ion Ratio Lower Upper

168 100

99 54.8 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

40000

30000

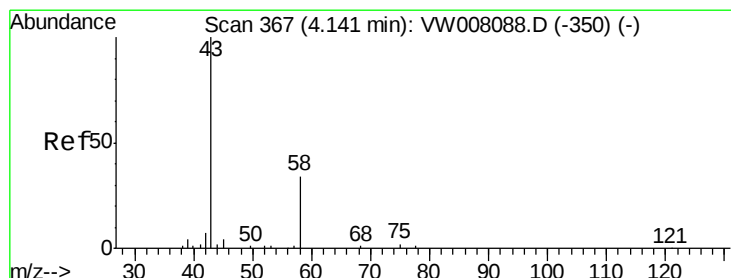
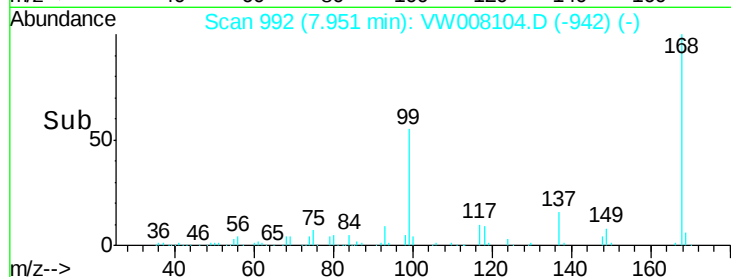
20000

10000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 18.826 ug/l

RT: 4.13 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW008104.D

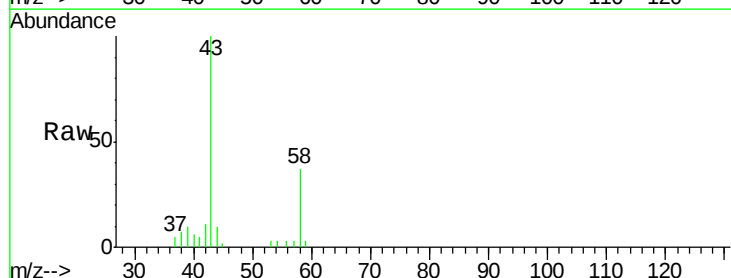
Acq: 09 Jan 2019 15:44

Tgt Ion: 43 Resp: 7253

Ion Ratio Lower Upper

43 100

58 37.5 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

2500

2000

1500

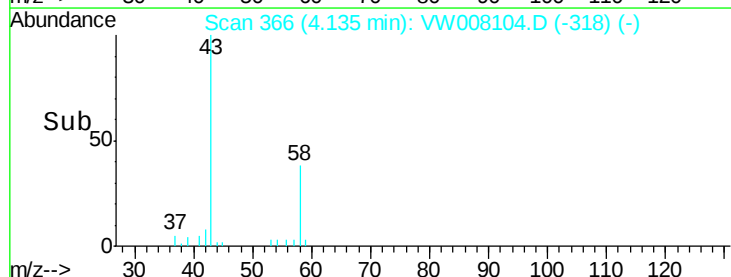
1000

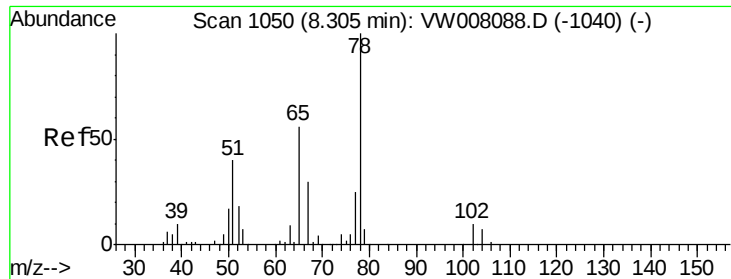
500

0

4.05 4.10 4.15 4.20

Time-->





#33

1,2-Dichloroethane-d4

Concen: 51.409 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008104.D

Acq: 09 Jan 2019 15:44

Instrument :

MSVOA_W

ClientSampleId :

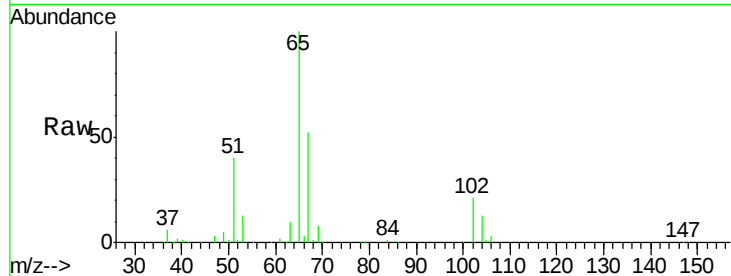
CPSB-3(15-20)RE

Tot Ion: 65 Resp: 54044

Ion Ratio Lower Upper

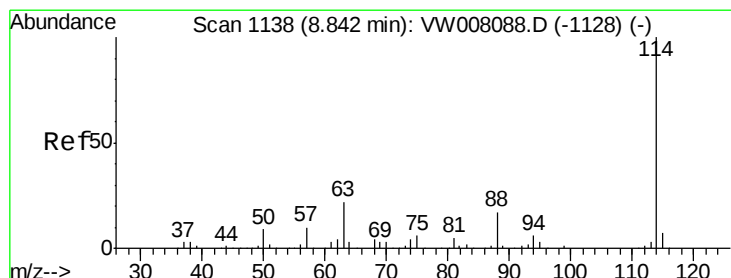
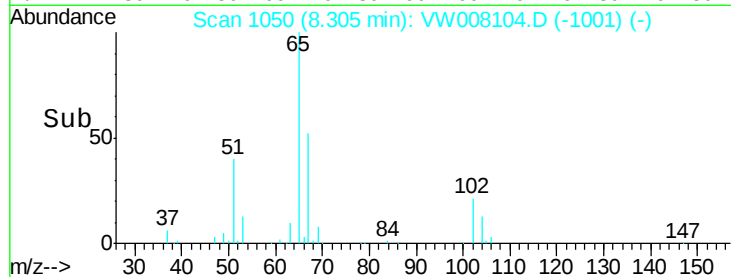
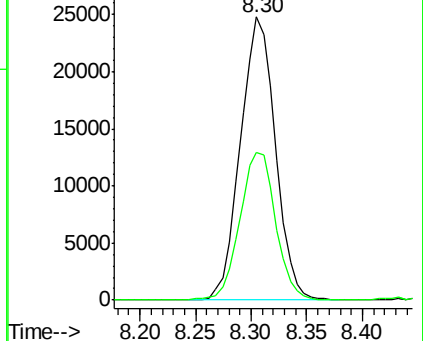
65 100

67 53.4 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: VW008104.D

Acq: 09 Jan 2019 15:44

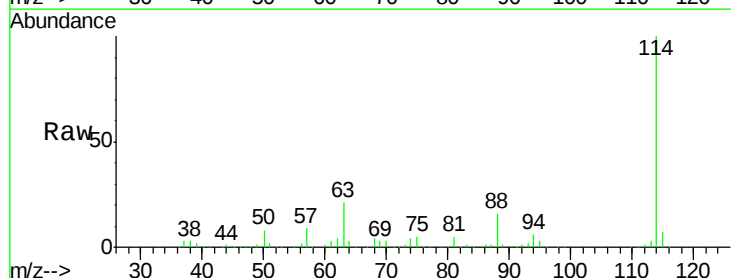
Tgt Ion: 114 Resp: 164257

Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.4

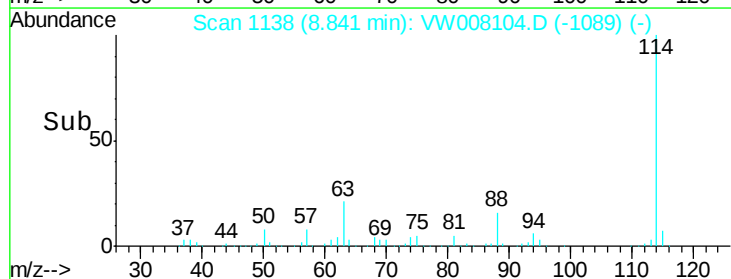
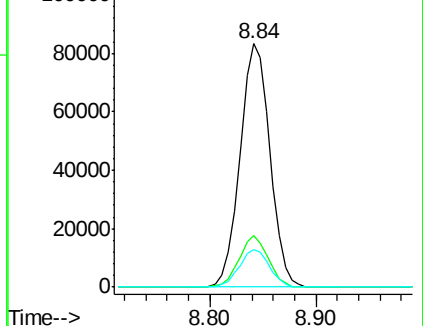
88 15.6 0.0 33.4

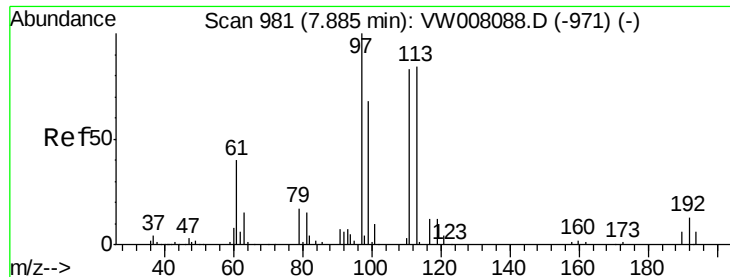


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 50.882 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008104.D

Acq: 09 Jan 2019 15:44

Instrument :

MSVOA_W

ClientSampleId :

CPSB-3(15-20)RE

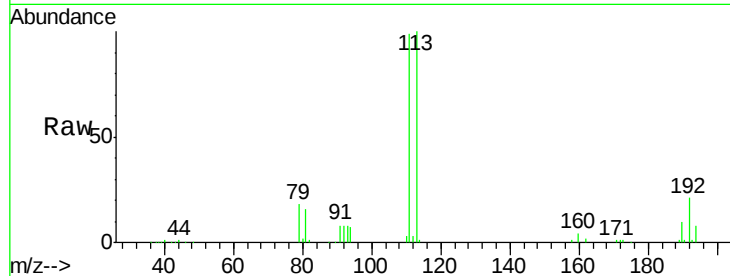
Tot Ion:113 Resp: 48745

Ion Ratio Lower Upper

113 100

111 101.5 81.8 122.8

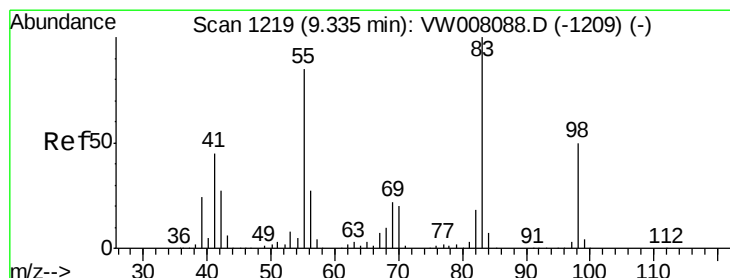
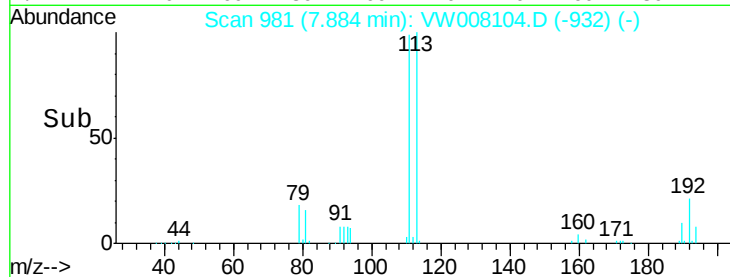
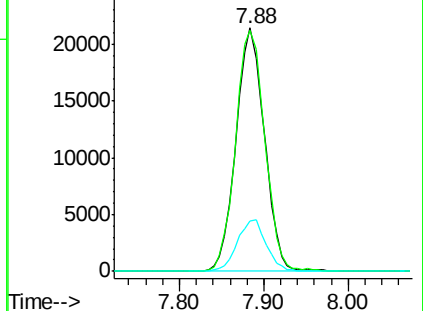
192 21.2 12.8 19.2#



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

Methylcyclohexane

Concen: 8.614 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VW008104.D

Acq: 09 Jan 2019 15:44

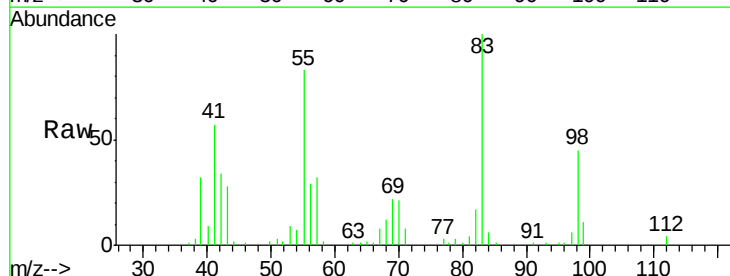
Tgt Ion: 83 Resp: 18480

Ion Ratio Lower Upper

83 100

55 83.4 67.8 101.6

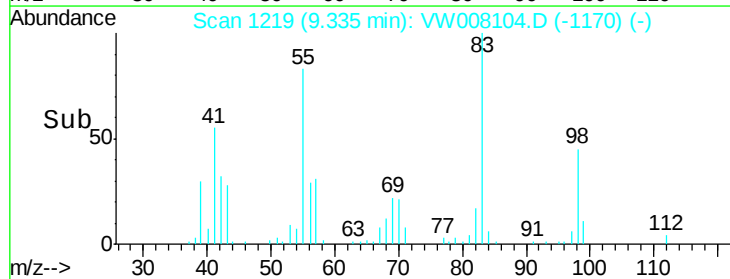
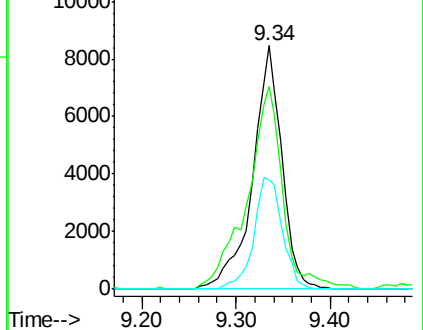
98 44.9 40.2 60.4

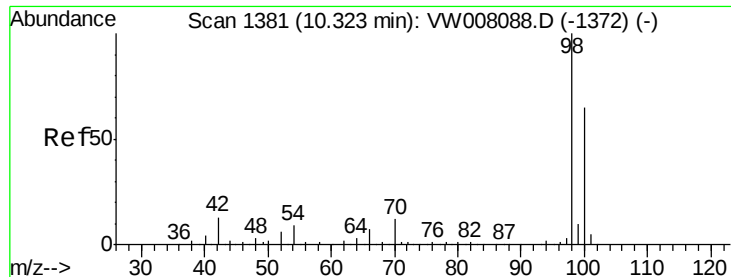


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#50

Toluene-d8

Concen: 46.705 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008104.D

Acq: 09 Jan 2019 15:44

Instrument :

MSVOA_W

ClientSampleId :

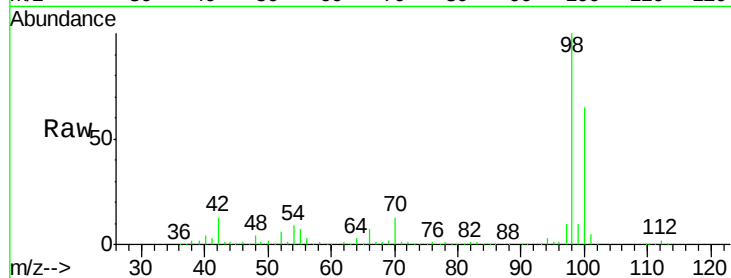
CPSB-3(15-20)RE

Tot Ion: 98 Resp: 187763

Ion Ratio Lower Upper

98 100

100 64.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

120000

100000

80000

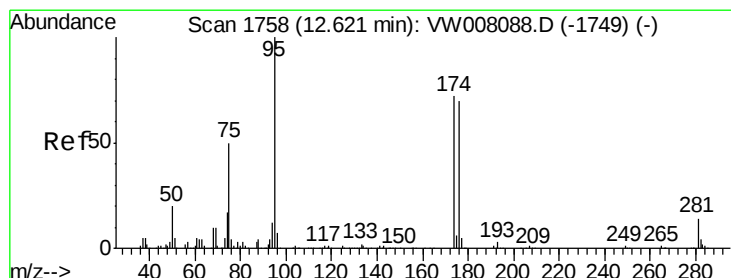
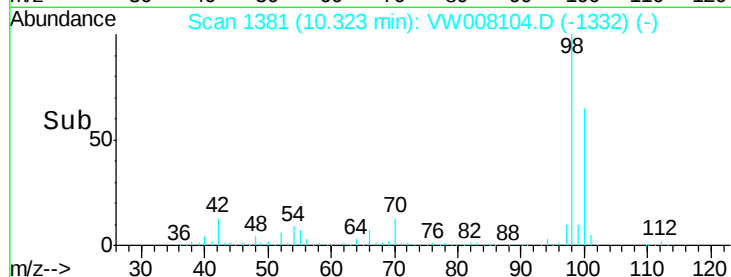
60000

40000

20000

0

Time--> 10.20 10.30 10.40



#62

4-Bromofluorobenzene

Concen: 28.840 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008104.D

Acq: 09 Jan 2019 15:44

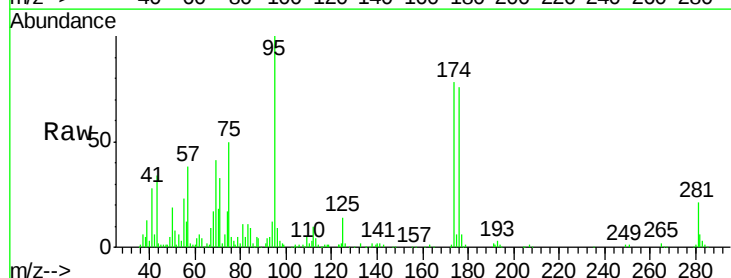
Tgt Ion: 95 Resp: 41565

Ion Ratio Lower Upper

95 100

174 76.1 0.0 143.0

176 73.3 0.0 140.2



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

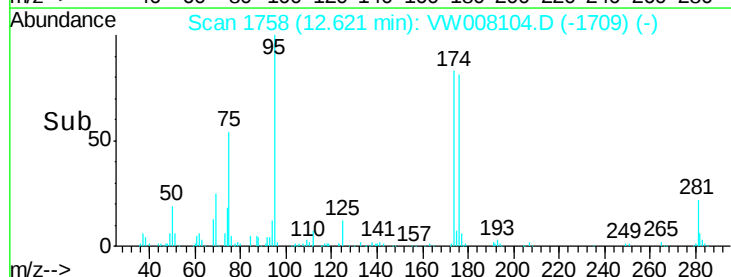
30000

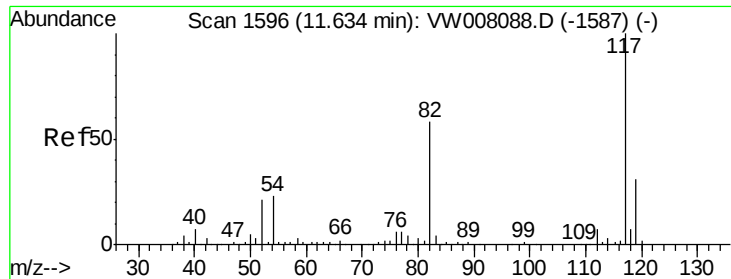
20000

10000

0

Time--> 12.60 12.65

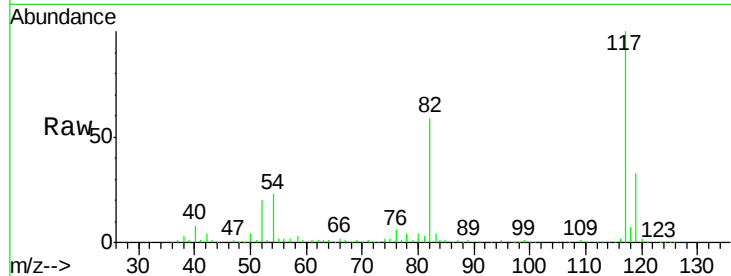




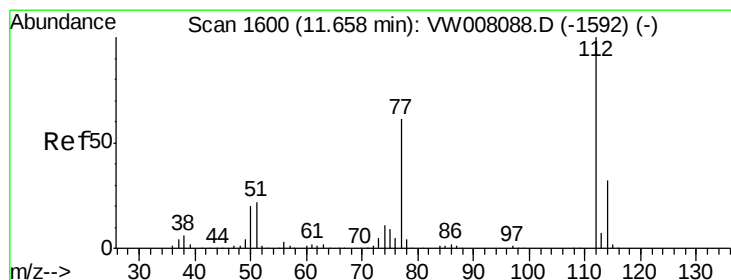
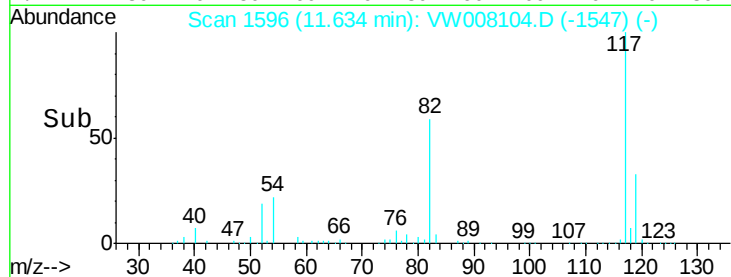
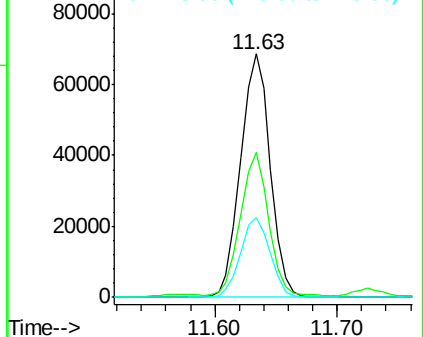
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008104.D
Acq: 09 Jan 2019 15:44

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

Tot Ion:117 Resp: 115292
Ion Ratio Lower Upper
117 100
82 58.9 46.4 69.6
119 32.8 24.7 37.1

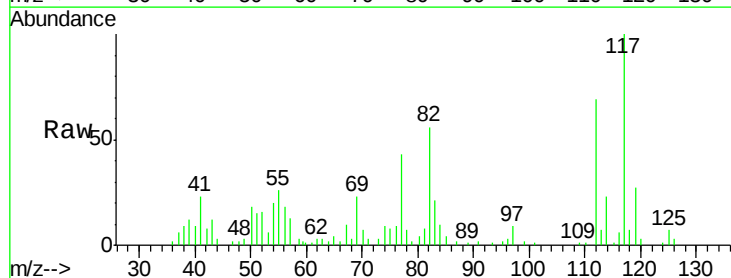


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

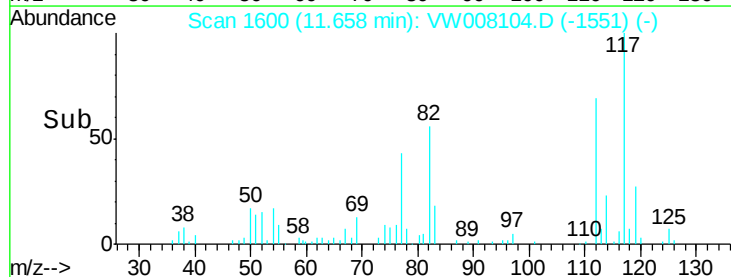
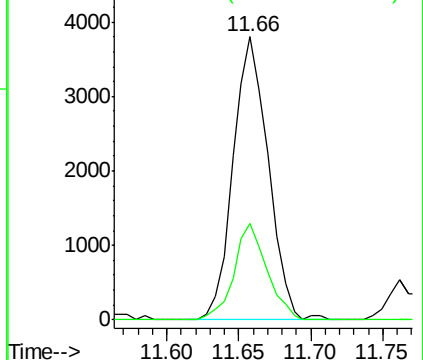


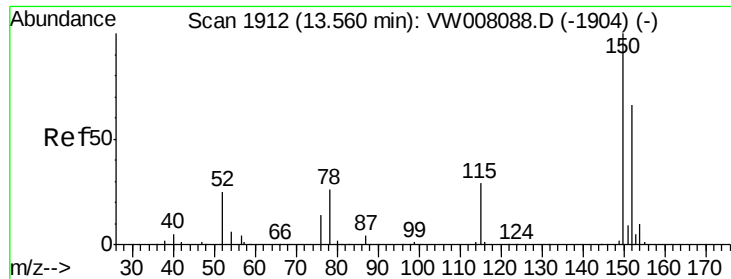
#65
Chlorobenzene
Concen: 2.634 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008104.D
Acq: 09 Jan 2019 15:44

Tgt Ion:112 Resp: 6433
Ion Ratio Lower Upper
112 100
114 34.0 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): 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: VW008104.D

Acq: 09 Jan 2019 15:44

Instrument :

MSVOA_W

ClientSampleId :

CPSB-3(15-20)RE

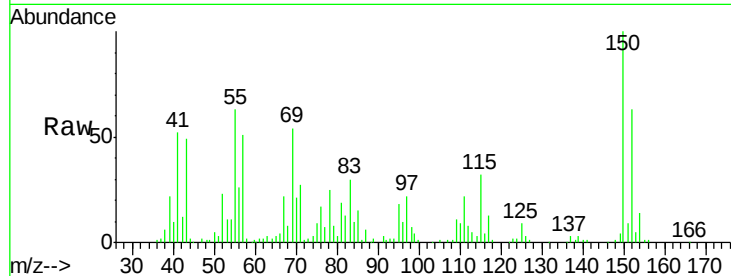
Tot Ion:152 Resp: 22878

Ion Ratio Lower Upper

152 100

115 50.7 30.8 92.4

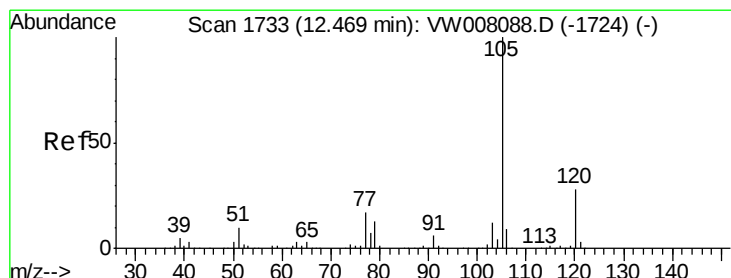
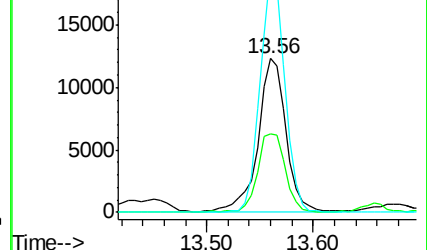
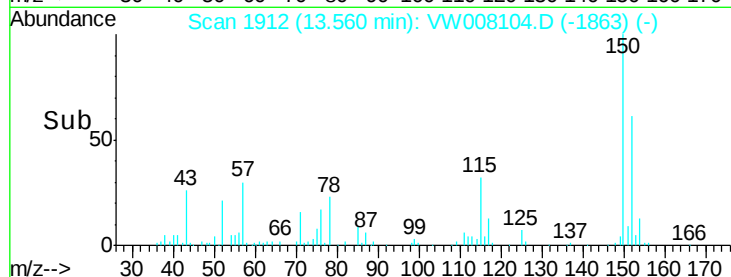
150 135.5 0.0 350.2



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



#73

Isopropylbenzene

Concen: 2.414 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW008104.D

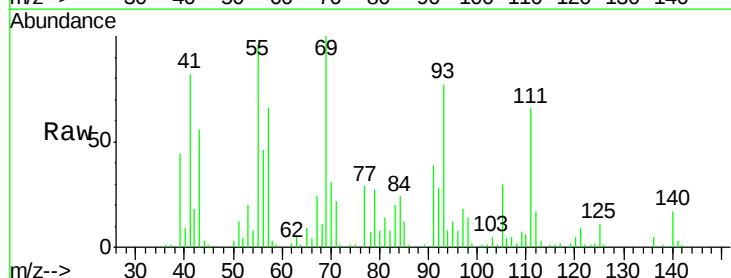
Acq: 09 Jan 2019 15:44

Tgt Ion:105 Resp: 4336

Ion Ratio Lower Upper

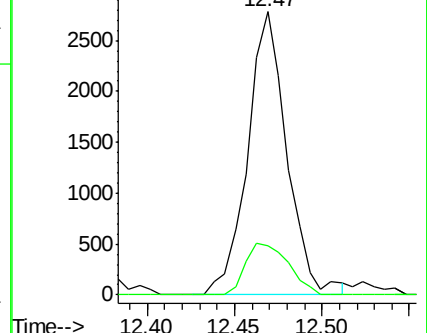
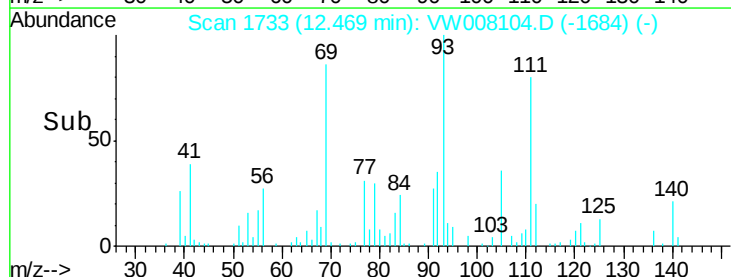
105 100

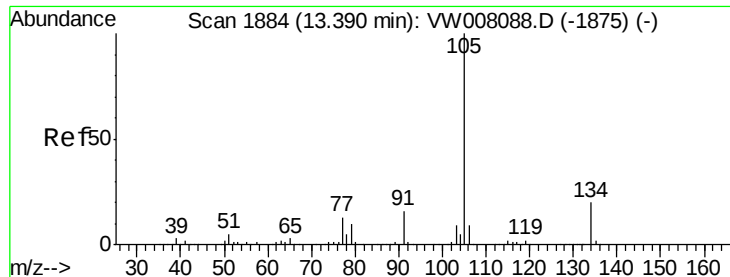
120 19.9 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

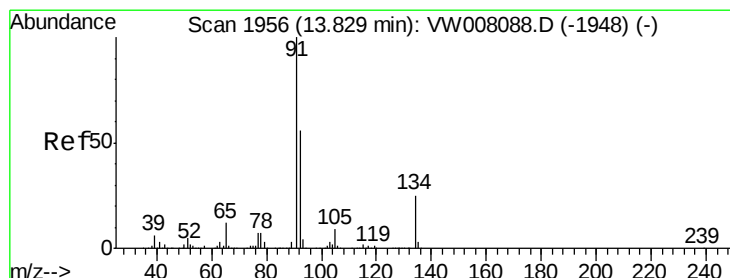
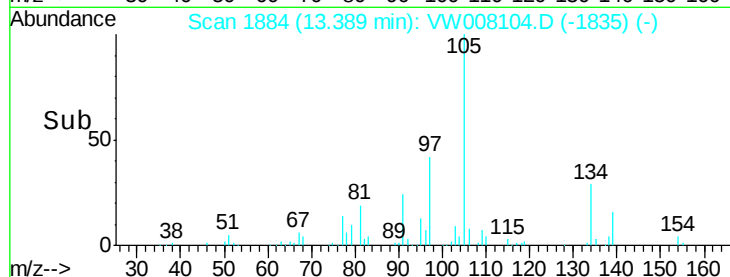
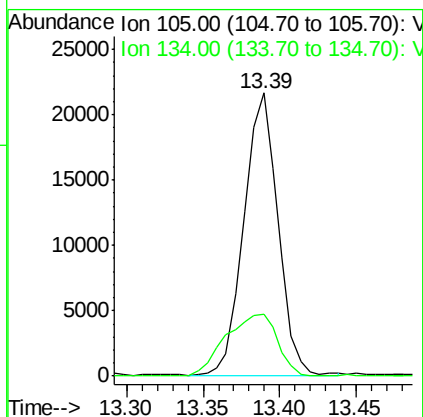
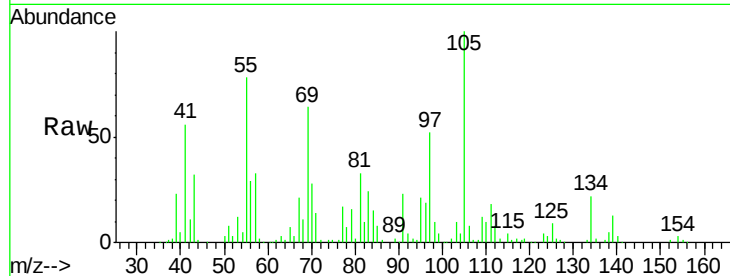




#85
 sec-Butylbenzene
 Concen: 17.410 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW008104.D
 Acq: 09 Jan 2019 15:44

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

Tot Ion:105 Resp: 33302
 Ion Ratio Lower Upper
 105 100
 134 33.6 10.1 30.1#



#89
 n-Butylbenzene
 Concen: 14.087 ug/l
 RT: 13.83 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW008104.D
 Acq: 09 Jan 2019 15:44

Tgt Ion: 91 Resp: 22790
 Ion Ratio Lower Upper
 91 100
 92 48.5 27.4 82.2
 134 0.0 12.6 37.8#

