

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010719\
 Data File : VW008078.D
 Acq On : 07 Jan 2019 19:01
 Operator : SY/AP
 Sample : K1071-07
 Misc : 5.10G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-1(10-15)

Quant Time: Jan 08 05:03:52 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

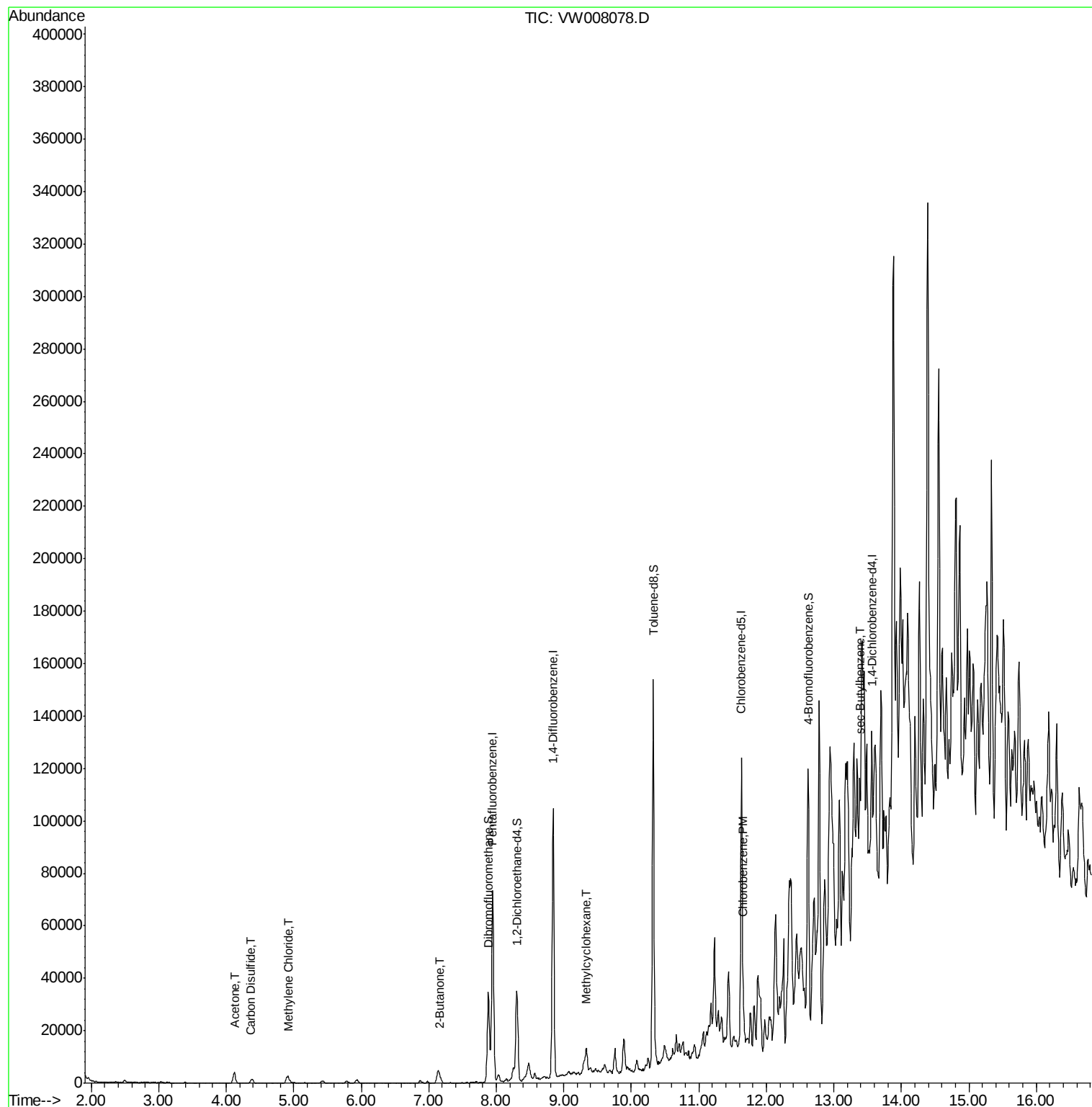
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	51978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	86459	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	58159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	17357	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	30123	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
35) Dibromofluoromethane	7.88	113	25253	46.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.66%	
50) Toluene-d8	10.32	98	93172	45.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.14%	
62) 4-Bromofluorobenzene	12.62	95	26965	34.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.78%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	6894	77.466	ug/l	93
17) Carbon Disulfide	4.36	76	2043	1.282	ug/l #	76
20) Methylene Chloride	4.92	84	1989	1.310	ug/l #	86
25) 2-Butanone	7.16	43	2144	20.448	ug/l	98
39) Methylcyclohexane	9.33	83	4721	4.441	ug/l #	82
65) Chlorobenzene	11.66	112	5932	4.772	ug/l	90
85) sec-Butylbenzene	13.39	105	4202	2.939	ug/l #	57

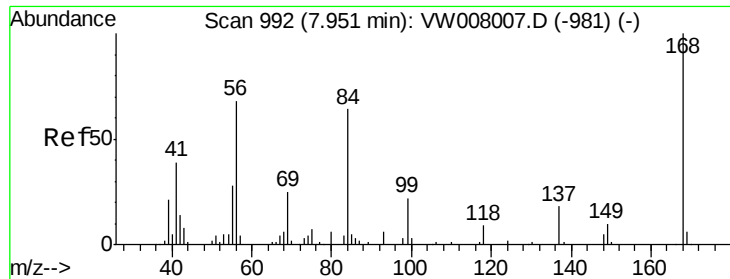
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010719\
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CPSB-1(10-15)

Quant Time: Jan 08 05:03:52 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: VW008078.D

Acq: 07 Jan 2019 19:01

Instrument :

MSVOA_W

ClientSampleId :

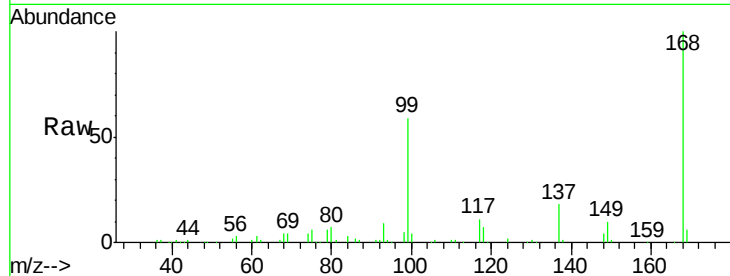
CPSB-1(10-15)

Tot Ion:168 Resp: 51978

Ion Ratio Lower Upper

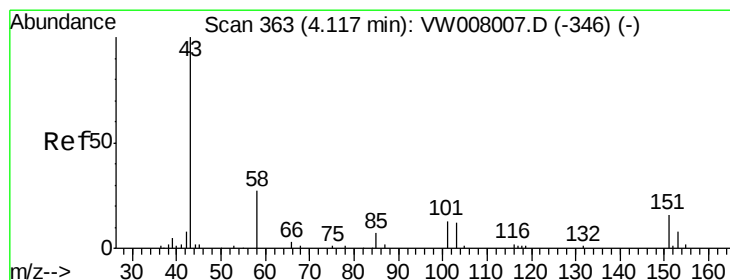
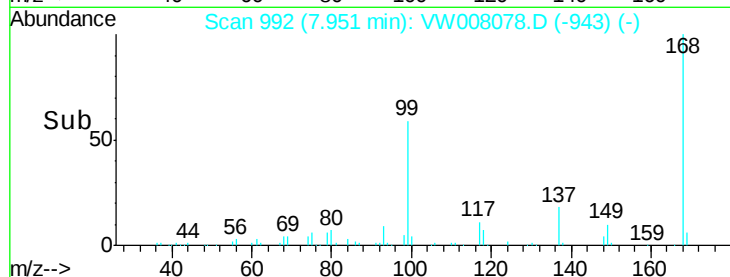
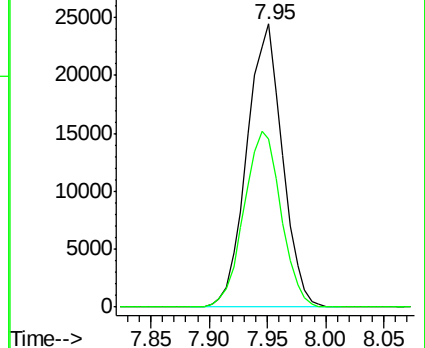
168 100

99 59.4 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: 77.466 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008078.D

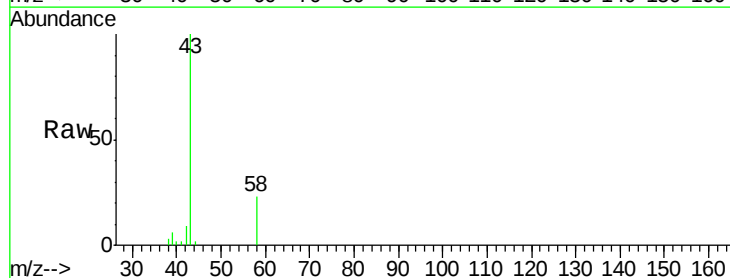
Acq: 07 Jan 2019 19:01

Tgt Ion: 43 Resp: 6894

Ion Ratio Lower Upper

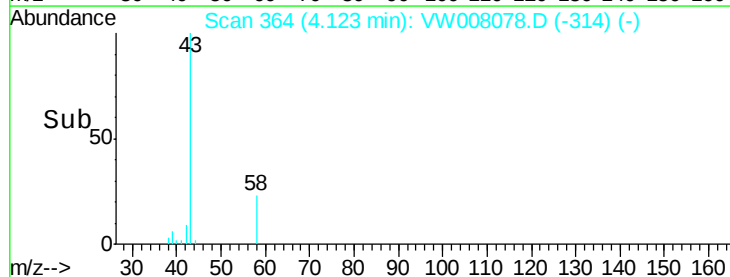
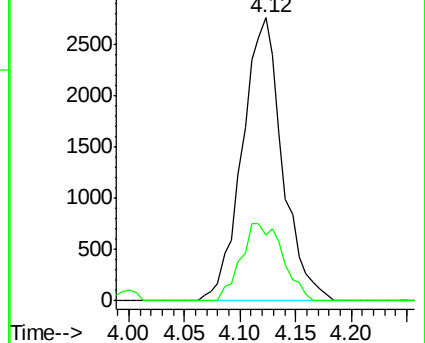
43 100

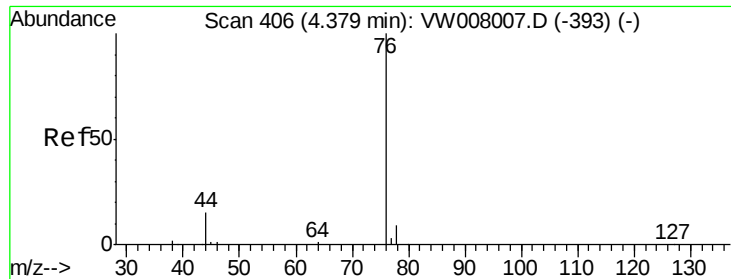
58 23.5 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 1.282 ug/l

RT: 4.36 min Scan# 403

Delta R.T. -0.02 min

Lab File: VW008078.D

Acq: 07 Jan 2019 19:01

Instrument :

MSVOA_W

ClientSampleId :

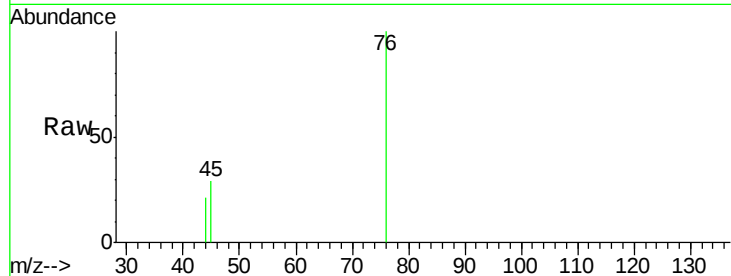
CPSB-1(10-15)

Tot Ion: 76 Resp: 2043

Ion Ratio Lower Upper

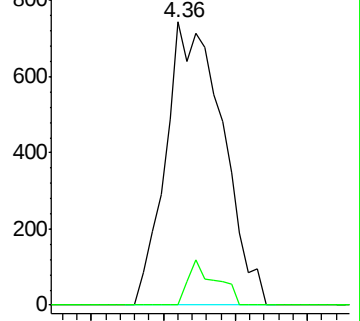
76 100

78 0.0 7.0 10.4#

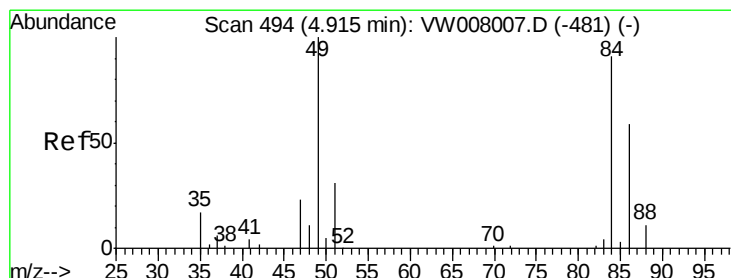
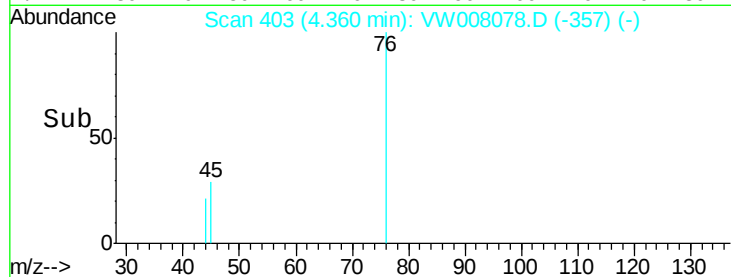


Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



Time-->



#20

Methylene Chloride

Concen: 1.310 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW008078.D

Acq: 07 Jan 2019 19:01

Tgt Ion: 84 Resp: 1989

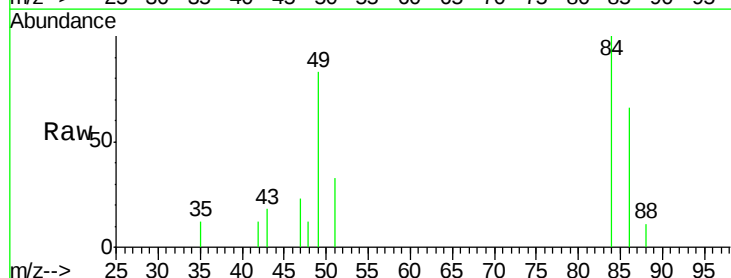
Ion Ratio Lower Upper

84 100

49 83.3 87.7 131.5#

51 32.6 27.3 40.9

86 66.1 51.4 77.0

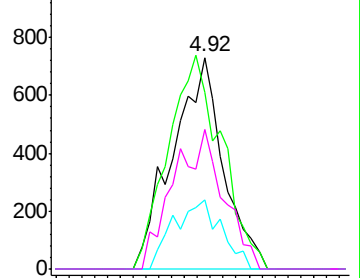


Abundance Ion 83.90 (83.60 to 84.60): VW

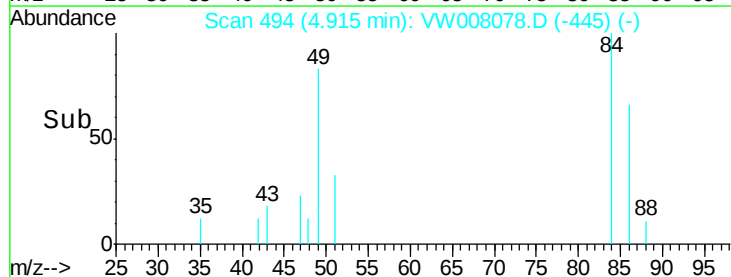
Ion 48.90 (48.60 to 49.60): VW

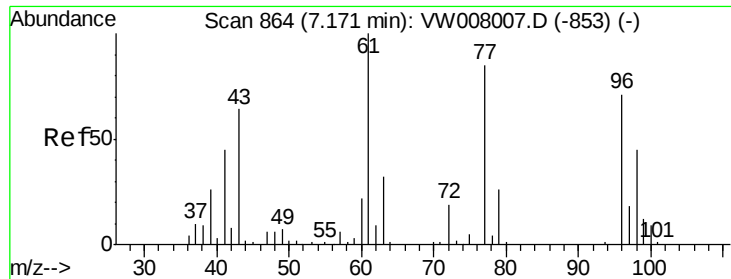
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



Time-->





#25

2-Butanone

Concen: 20.448 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW008078.D

Acq: 07 Jan 2019 19:01

Instrument :

MSVOA_W

ClientSampled :

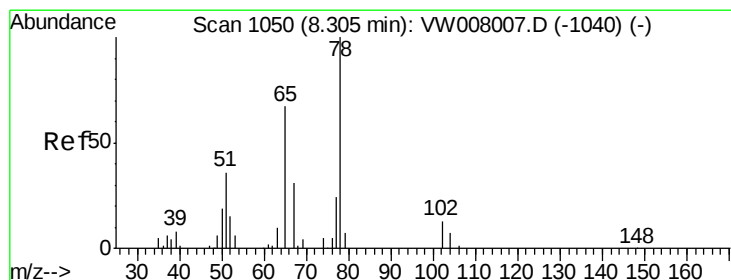
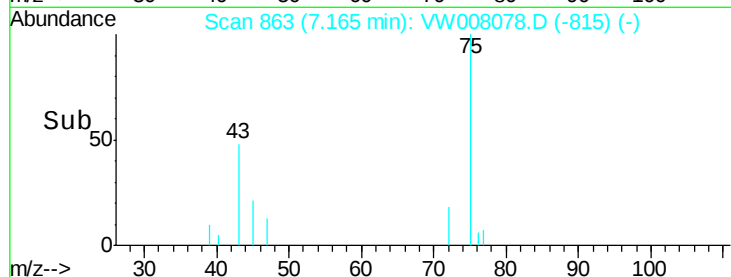
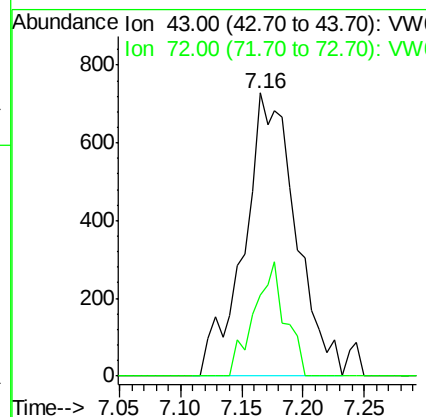
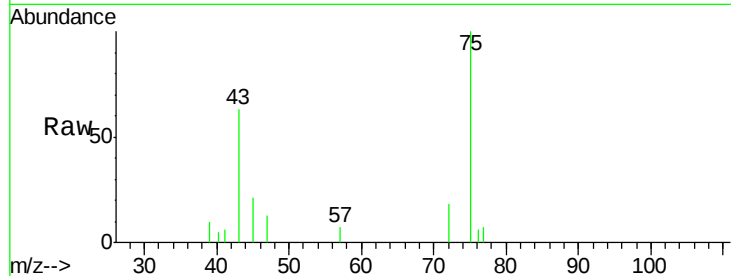
CPSB-1(10-15)

Tot Ion: 43 Resp: 2144

Ion Ratio Lower Upper

43 100

72 28.8 23.8 35.8



#33

1,2-Dichloroethane-d4

Concen: 52.396 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008078.D

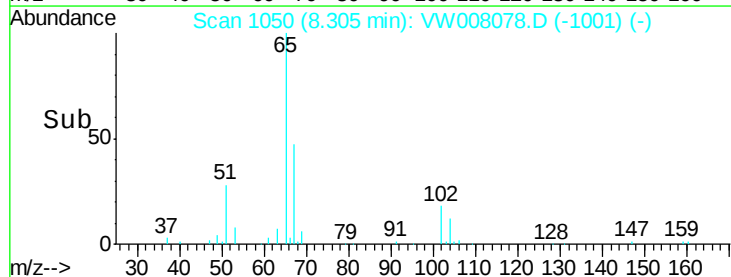
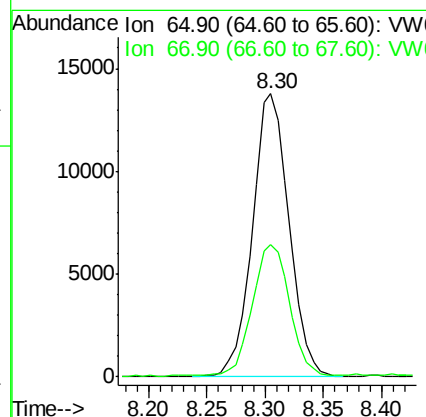
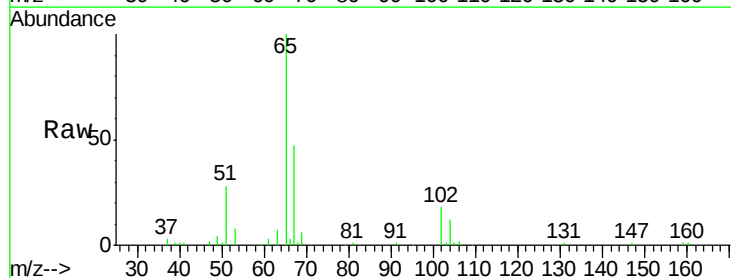
Acq: 07 Jan 2019 19:01

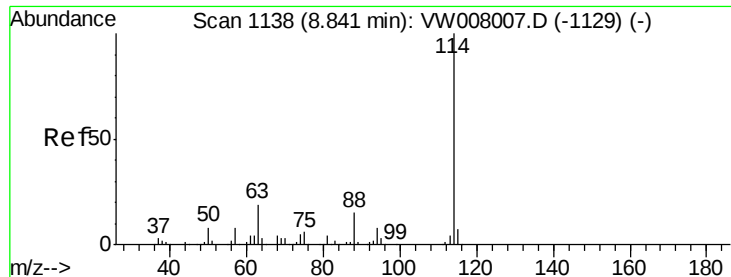
Tgt Ion: 65 Resp: 30123

Ion Ratio Lower Upper

65 100

67 46.9 0.0 94.8

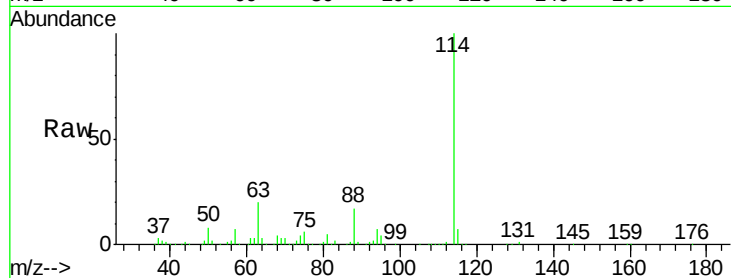




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008078.D
 Acq: 07 Jan 2019 19:01

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-1(10-15)

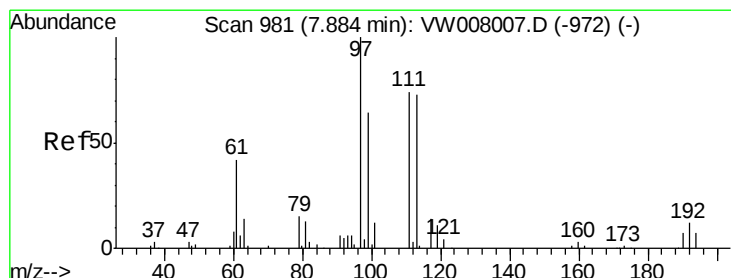
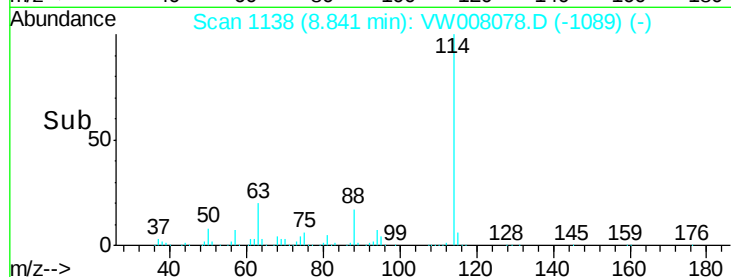
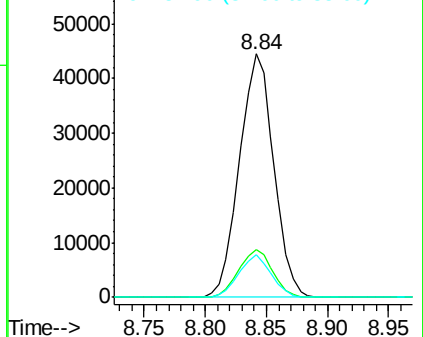
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	37.8
88	17.3	0.0	31.0



Abundance Ion 113.90 (113.60 to 114.60): V

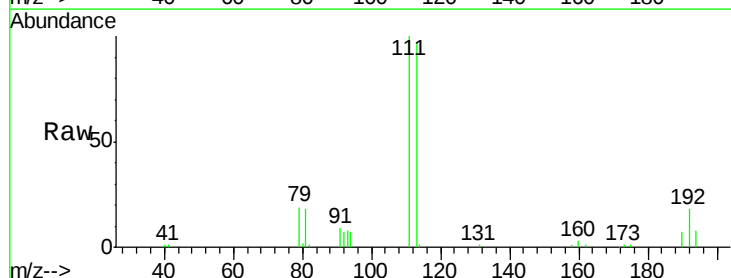
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 46.332 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008078.D
 Acq: 07 Jan 2019 19:01

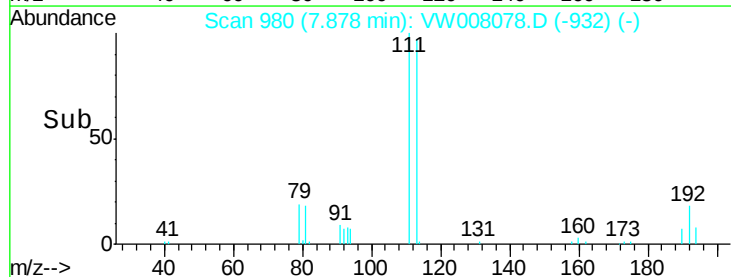
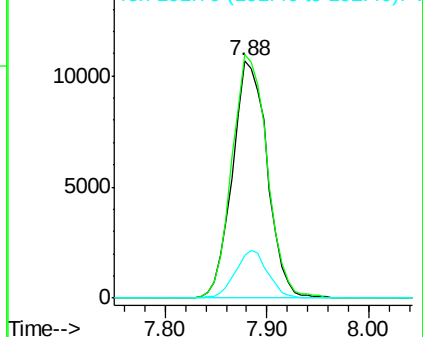
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.4	122.0
192	18.7	14.8	22.2

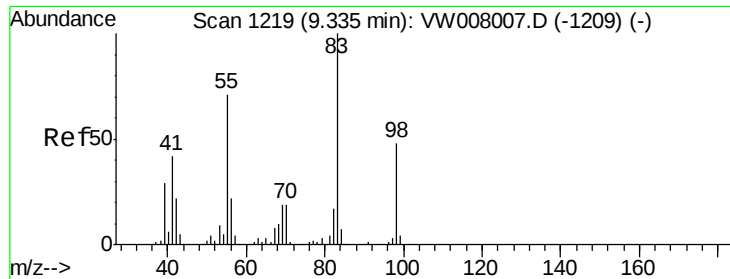


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

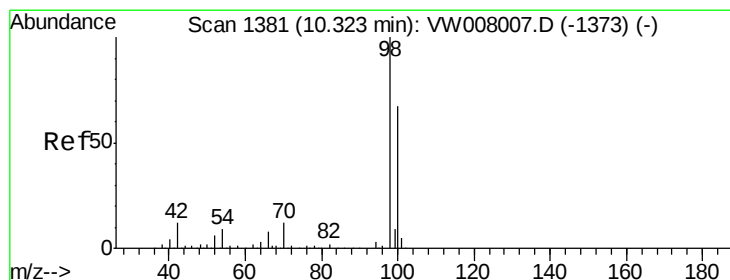
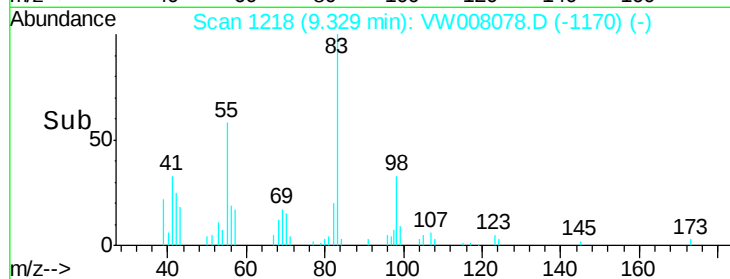
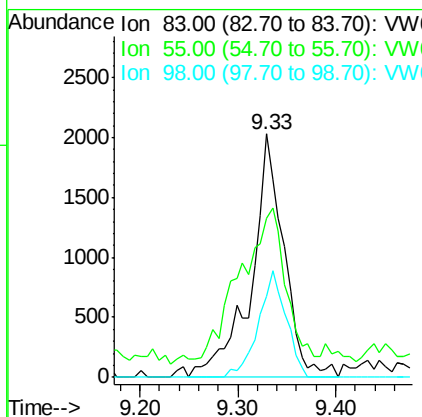
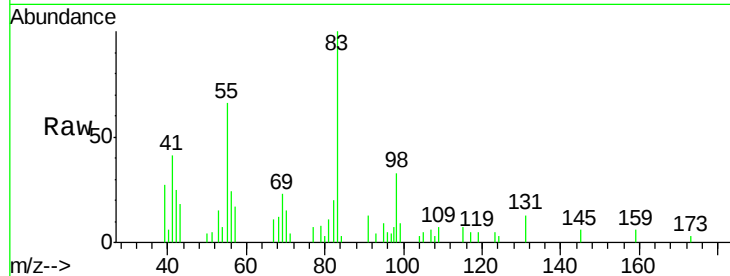




#39
Methvlcvclohexane
Concen: 4.441 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW008078.D
Acq: 07 Jan 2019 19:01

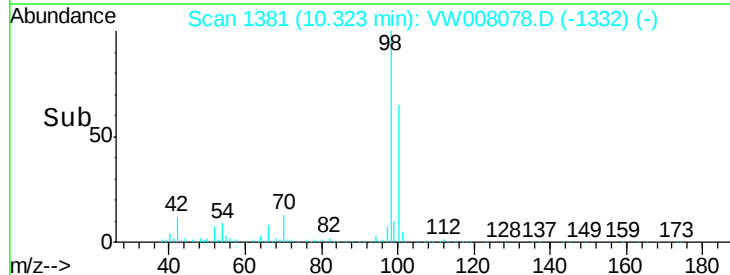
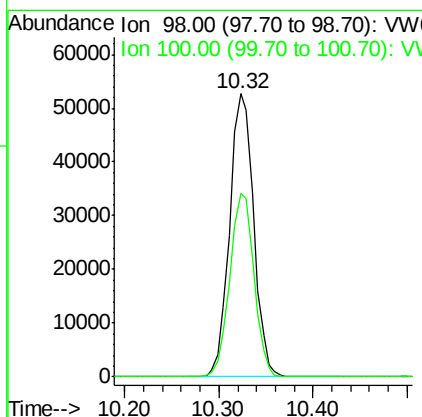
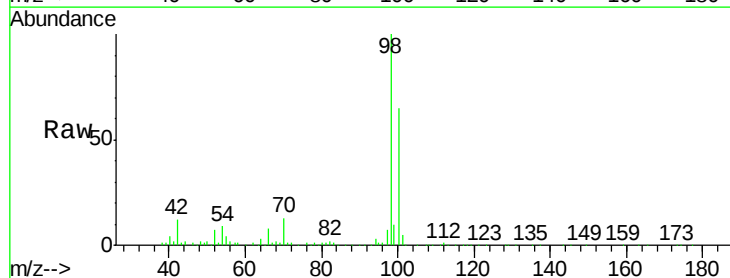
Instrument :
MSVOA_W
ClientSampleId :
CPSB-1(10-15)

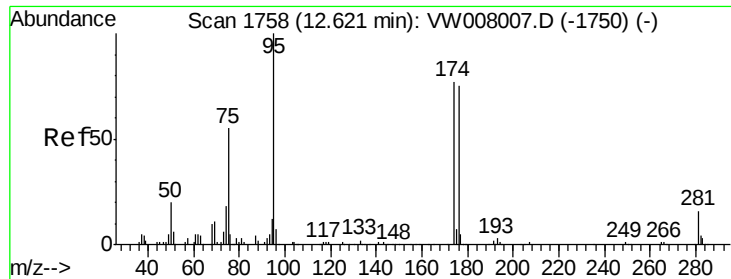
Tot Ion: 83 Resp: 4721
Ion Ratio Lower Upper
83 100
55 58.2 56.8 85.2
98 33.1 38.6 58.0#



#50
Toluene-d8
Concen: 45.570 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008078.D
Acq: 07 Jan 2019 19:01

Tgt Ion: 98 Resp: 93172
Ion Ratio Lower Upper
98 100
100 65.4 52.9 79.3





#62

4-Bromofluorobenzene

Concen: 34.389 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008078.D

Acq: 07 Jan 2019 19:01

Instrument :

MSVOA_W

ClientSampleId :

CPSB-1(10-15)

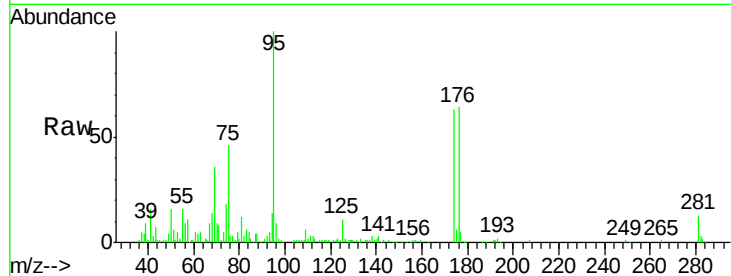
Tot Ion: 95 Resp: 26965

Ion Ratio Lower Upper

95 100

174 67.2 0.0 149.6

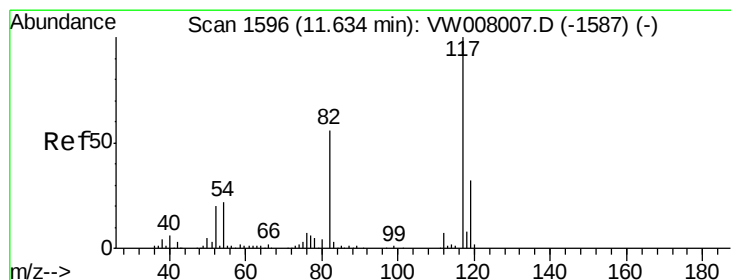
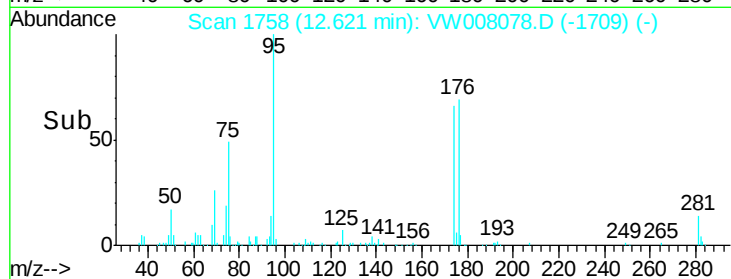
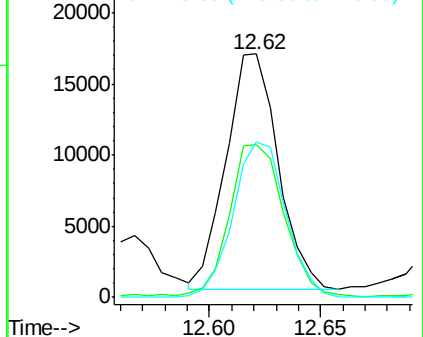
176 67.4 0.0 145.4



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: VW008078.D

Acq: 07 Jan 2019 19:01

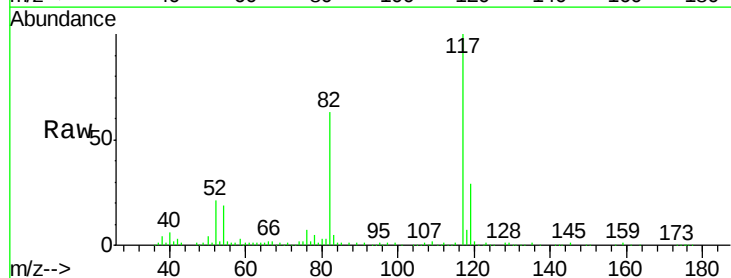
Tgt Ion: 117 Resp: 58159

Ion Ratio Lower Upper

117 100

82 62.7 44.8 67.2

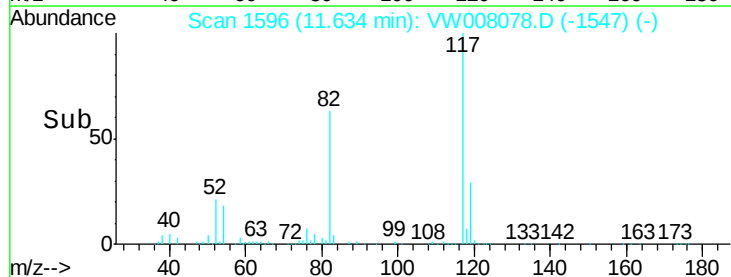
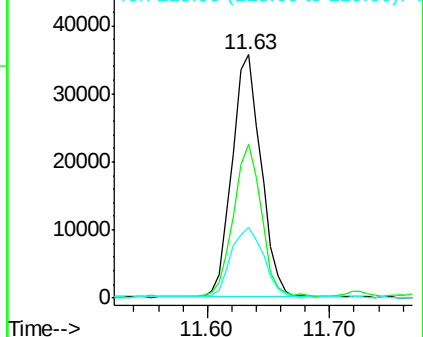
119 28.6 25.6 38.4

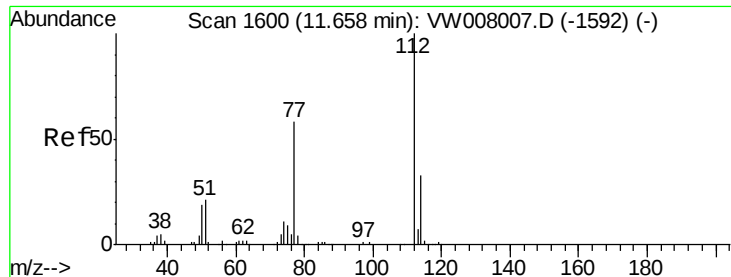


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

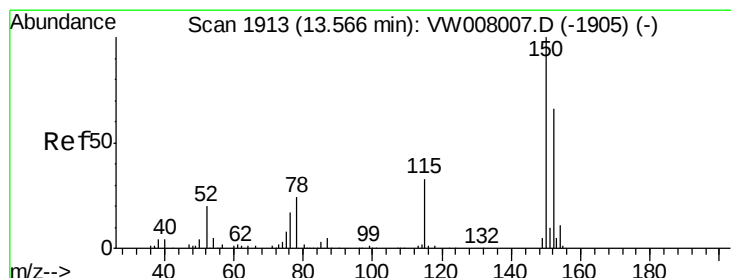
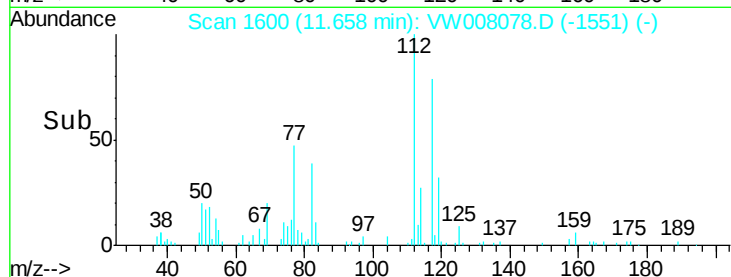
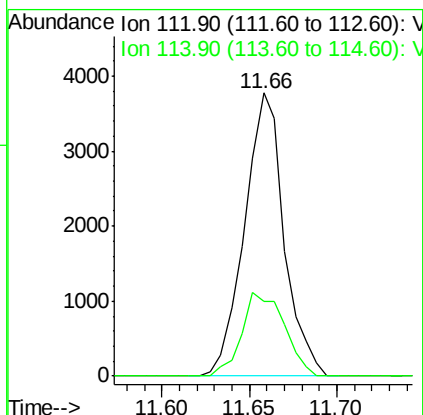
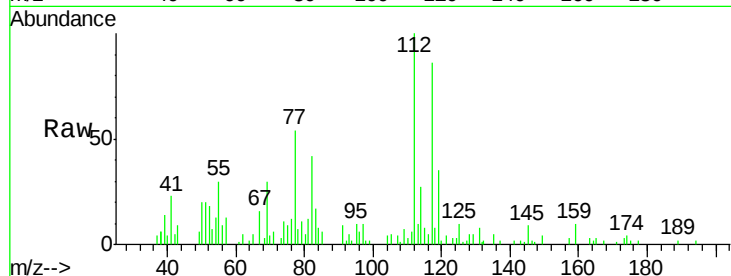




#65
Chlorobenzene
Concen: 4.772 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008078.D
Acq: 07 Jan 2019 19:01

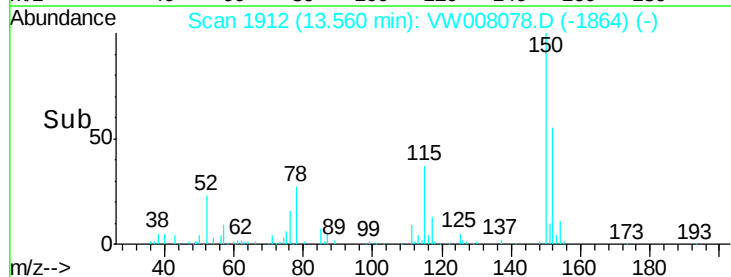
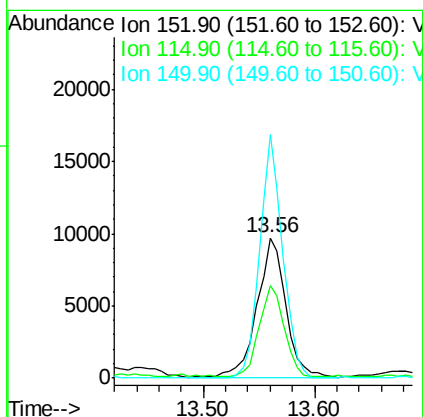
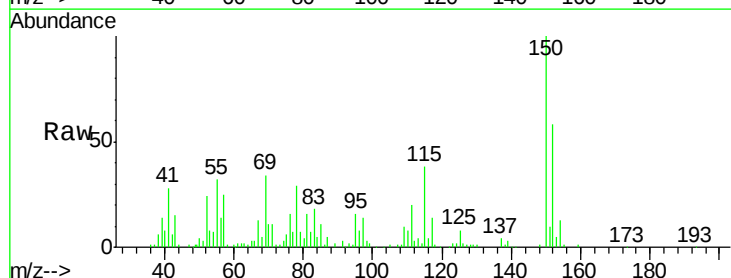
Instrument :
MSVOA_W
ClientSampleId :
CPSB-1(10-15)

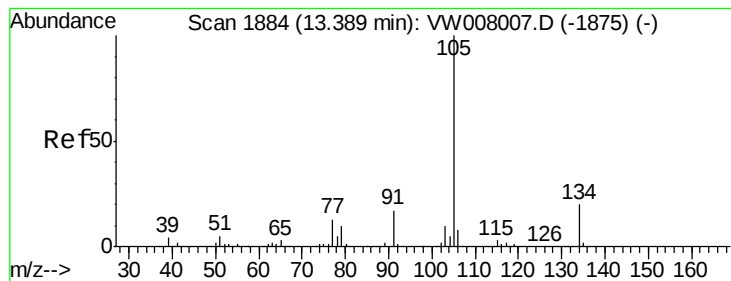
Tot Ion:112 Resp: 5932
Ion Ratio Lower Upper
112 100
114 26.6 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW008078.D
Acq: 07 Jan 2019 19:01

Tgt Ion:152 Resp: 17357
Ion Ratio Lower Upper
152 100
115 57.5 32.1 96.5
150 140.0 0.0 345.0





#85

sec-Butylbenzene

Concen: 2.939 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW008078.D

Acq: 07 Jan 2019 19:01

Instrument :

MSVOA_W

ClientSampleId :

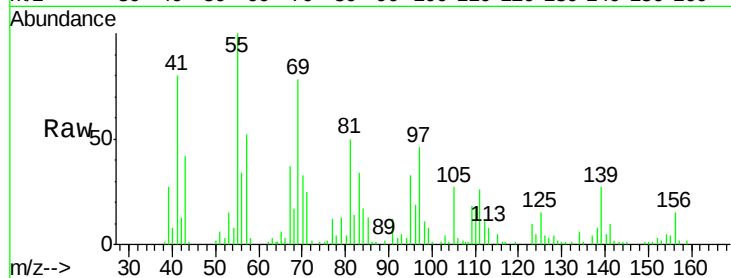
CPSB-1(10-15)

Tot Ion:105 Resp: 4202

Ion Ratio Lower Upper

105 100

134 0.0 9.7 28.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

