

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010419\
 Data File : VW008045.D
 Acq On : 04 Jan 2019 14:10
 Operator : SY/AP
 Sample : K1044-01
 Misc : 5.08G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-08(10-15)

Quant Time: Jan 05 01:13:54 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

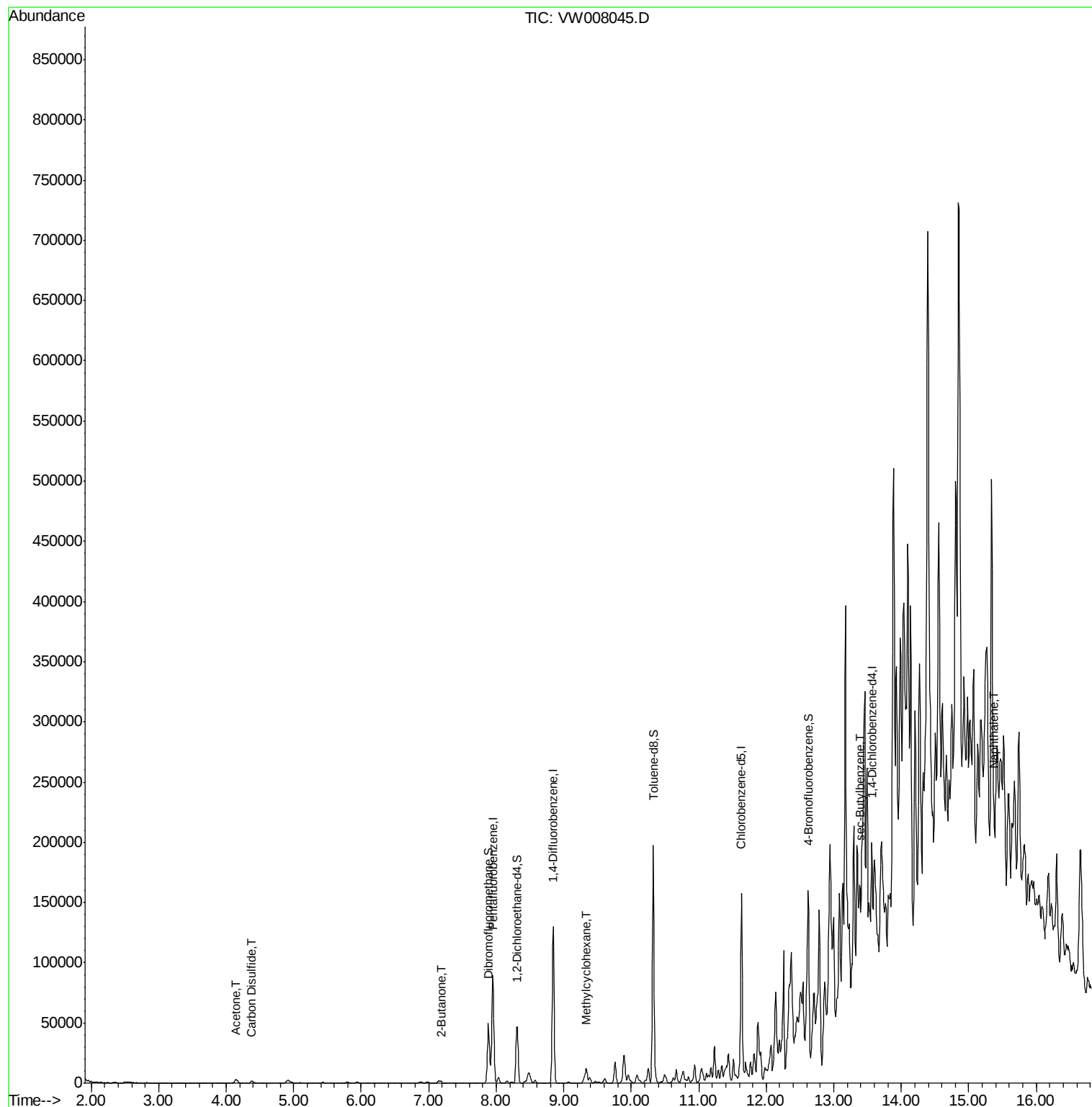
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	62454	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	110672	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	82850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	27208	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	41515	60.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.20%	
35) Dibromofluoromethane	7.88	113	34906	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
50) Toluene-d8	10.32	98	125051	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	
62) 4-Bromofluorobenzene	12.62	95	39978	39.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.66%	
Target Compounds						
16) Acetone	4.14	43	6123	57.262	ug/l	94
17) Carbon Disulfide	4.38	76	3661	1.911	ug/l #	95
25) 2-Butanone	7.19	43	1663	13.200	ug/l	99
39) Methylcyclohexane	9.34	83	4136	3.039	ug/l	96
85) sec-Butylbenzene	13.39	105	15393	6.868	ug/l #	45
95) Naphthalene	15.38	128	27753	28.140	ug/l #	96

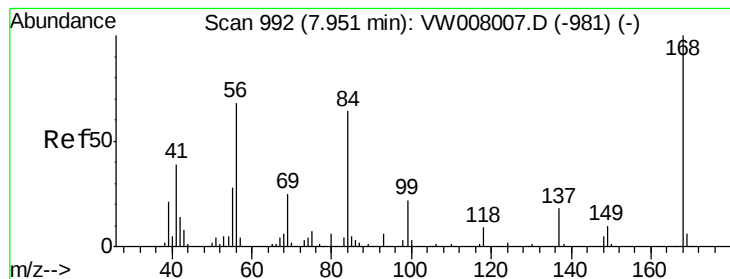
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010419\
Data File : VW008045.D
Acq On : 04 Jan 2019 14:10
Operator : SY/AP
Sample : K1044-01
Misc : 5.08G/5ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CPSB-08(10-15)

Quant Time: Jan 05 01:13:54 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: VW008045.D

Acq: 04 Jan 2019 14:10

Instrument :

MSVOA_W

ClientSampleId :

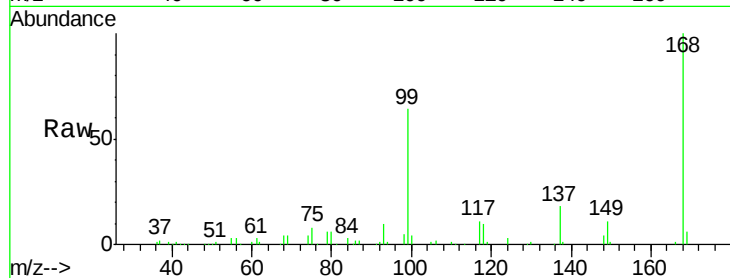
CPSB-08(10-15)

Tot Ion:168 Resp: 62454

Ion Ratio Lower Upper

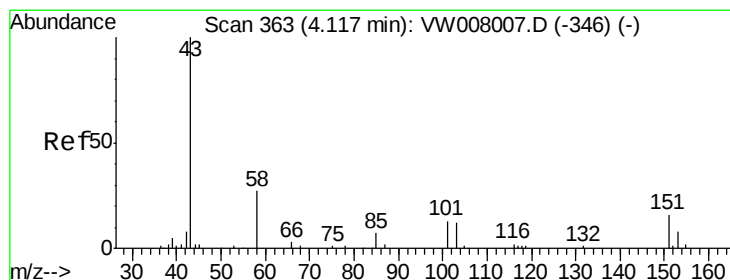
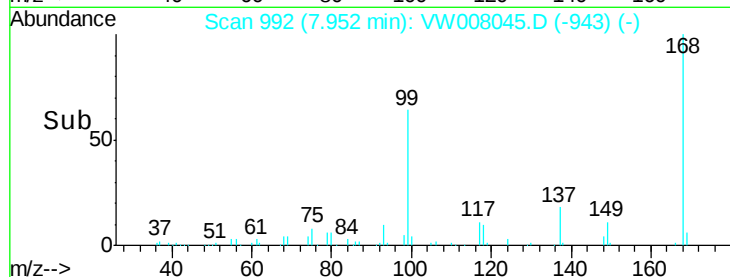
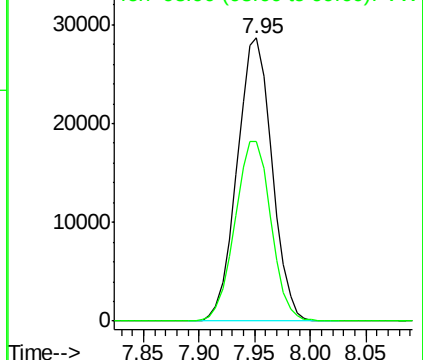
168 100

99 63.6 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: 57.262 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW008045.D

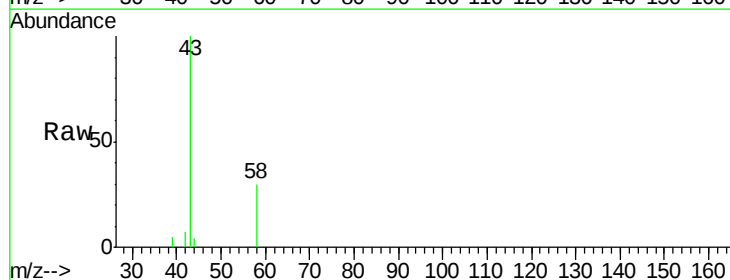
Acq: 04 Jan 2019 14:10

Tgt Ion: 43 Resp: 6123

Ion Ratio Lower Upper

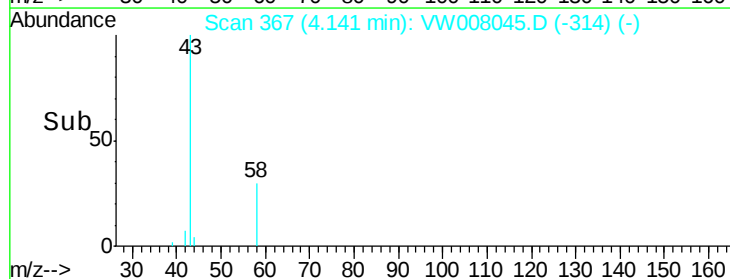
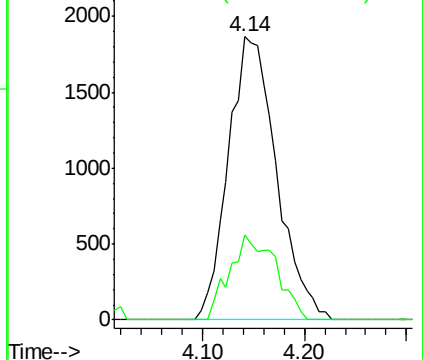
43 100

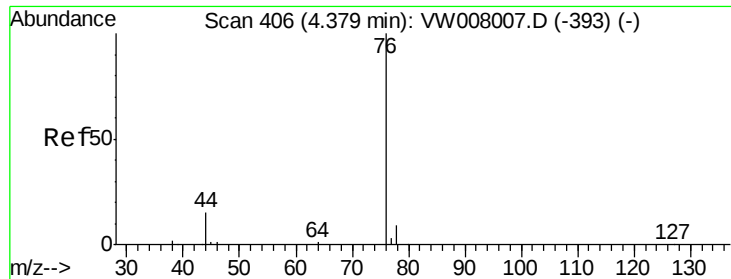
58 30.0 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 1.911 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW008045.D

Acq: 04 Jan 2019 14:10

Instrument :

MSVOA_W

ClientSampleId :

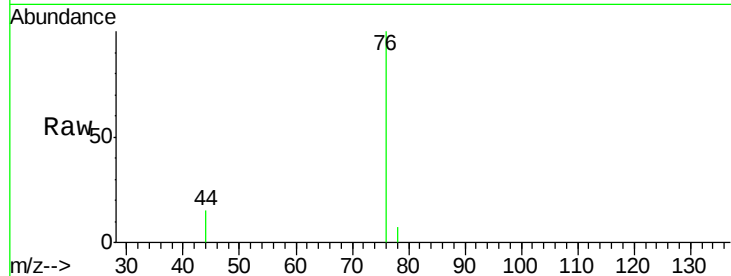
CPSB-08(10-15)

Tot Ion: 76 Resp: 3661

Ion Ratio Lower Upper

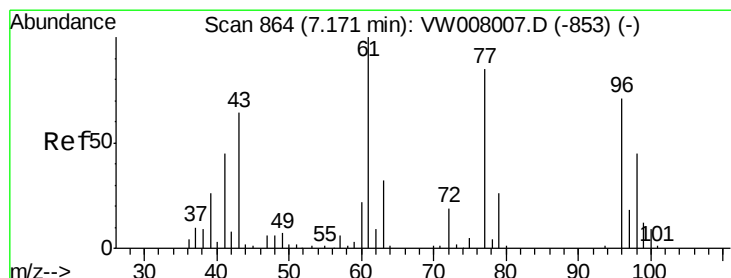
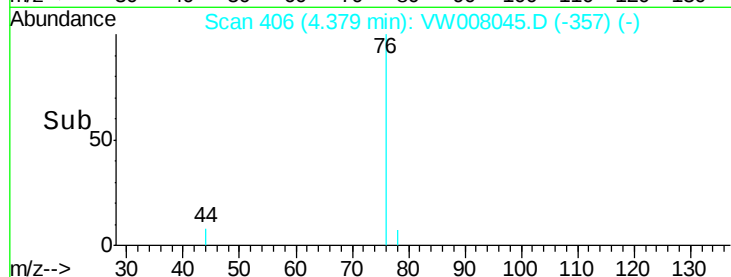
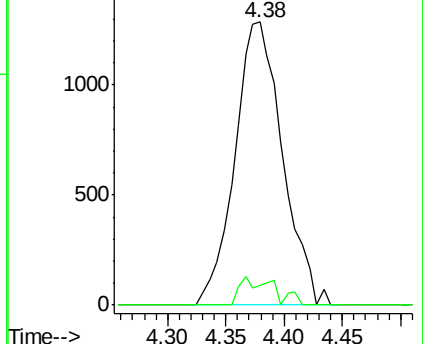
76 100

78 6.9 7.0 10.4#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#25

2-Butanone

Concen: 13.200 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.02 min

Lab File: VW008045.D

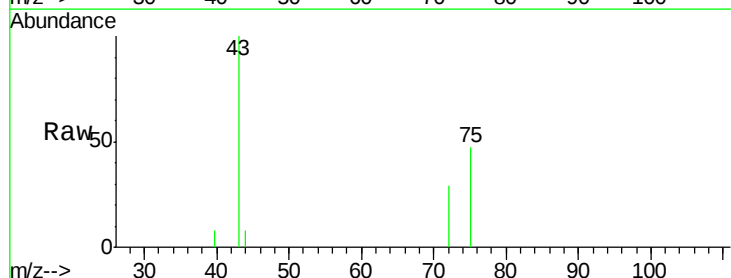
Acq: 04 Jan 2019 14:10

Tgt Ion: 43 Resp: 1663

Ion Ratio Lower Upper

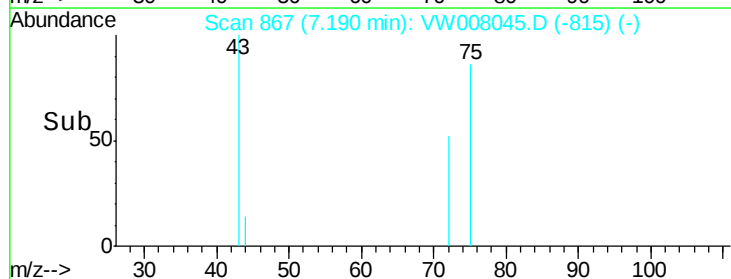
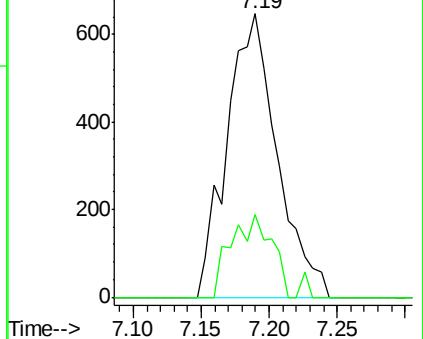
43 100

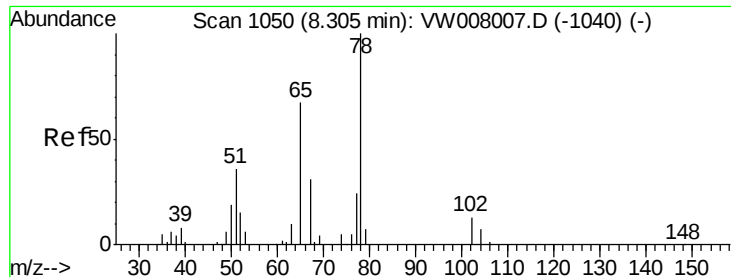
72 29.1 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#33

1,2-Dichloroethane-d4

Concen: 60.099 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008045.D

Acq: 04 Jan 2019 14:10

Instrument :

MSVOA_W

ClientSampleId :

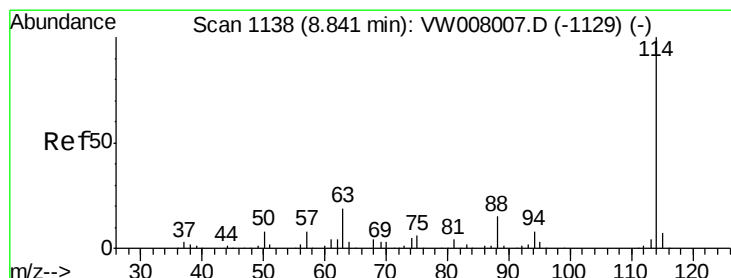
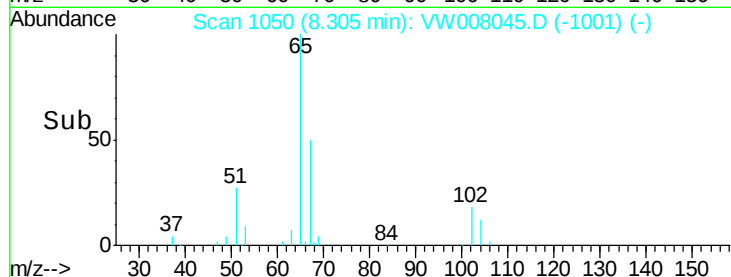
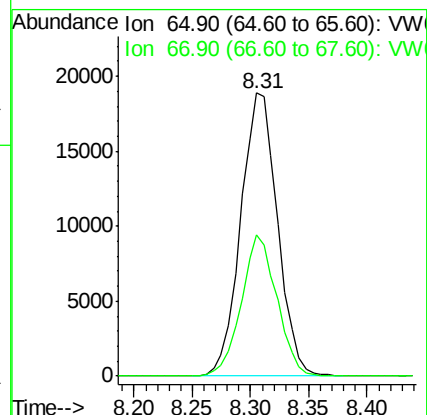
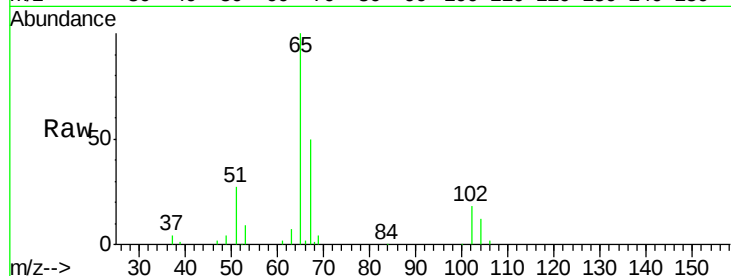
CPSB-08(10-15)

Tot Ion: 65 Resp: 41515

Ion Ratio Lower Upper

65 100

67 48.1 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: VW008045.D

Acq: 04 Jan 2019 14:10

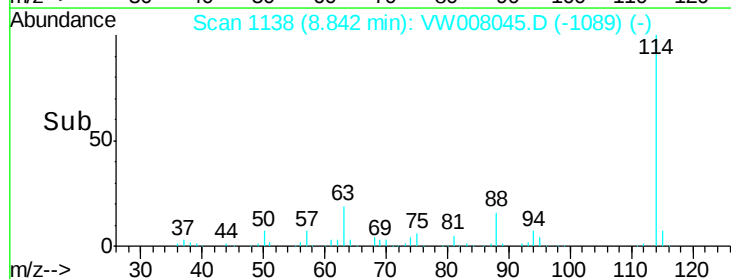
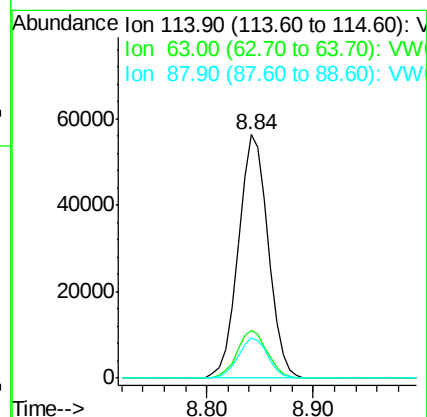
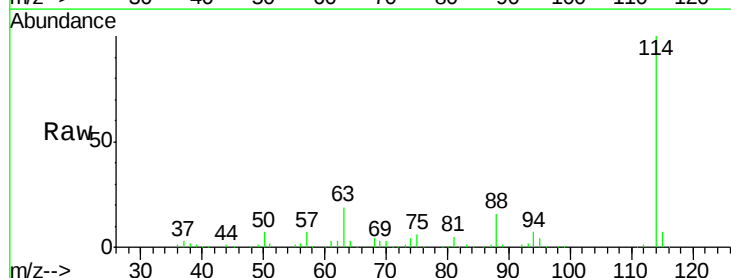
Tgt Ion: 114 Resp: 110672

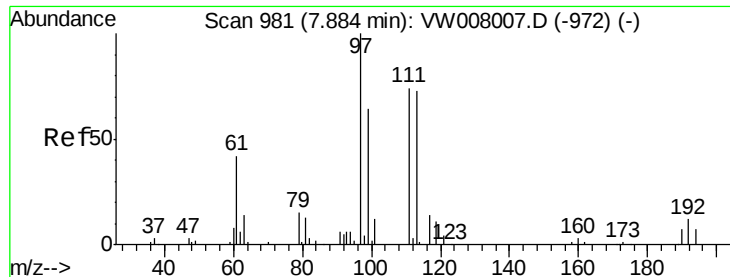
Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.8

88 16.3 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.031 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008045.D

Acq: 04 Jan 2019 14:10

Instrument :

MSVOA_W

ClientSampleId :

CPSB-08(10-15)

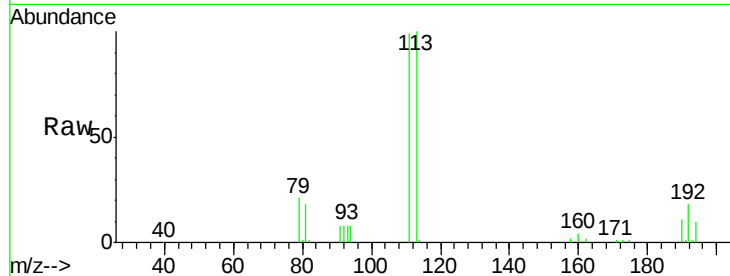
Tot Ion:113 Resp: 34906

Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.0

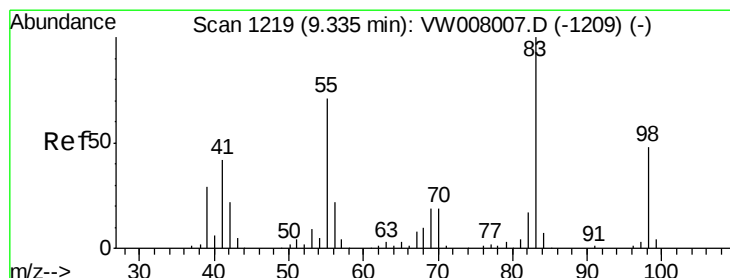
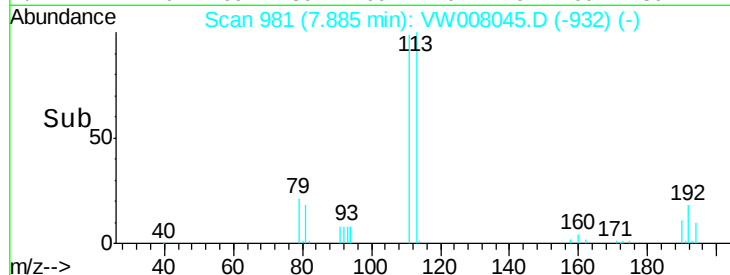
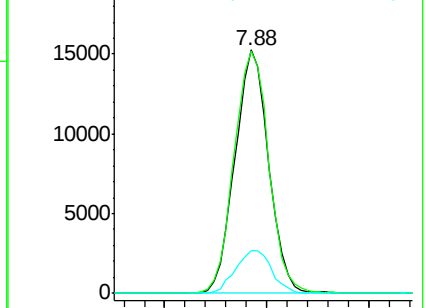
192 19.0 14.8 22.2



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: 3.039 ug/l

RT: 9.34 min Scan# 1220

Delta R.T. 0.01 min

Lab File: VW008045.D

Acq: 04 Jan 2019 14:10

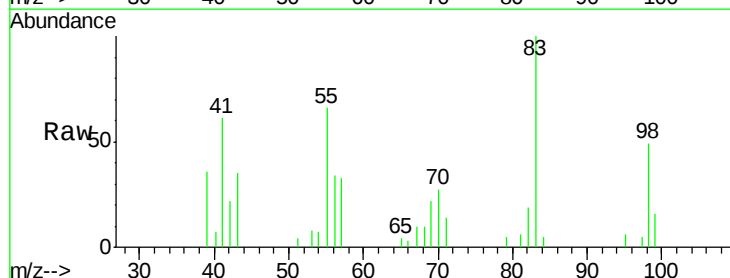
Tgt Ion: 83 Resp: 4136

Ion Ratio Lower Upper

83 100

55 66.4 56.8 85.2

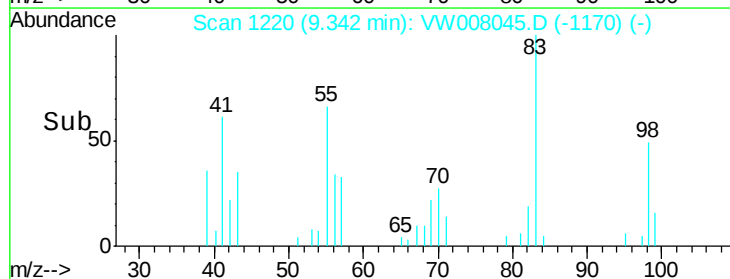
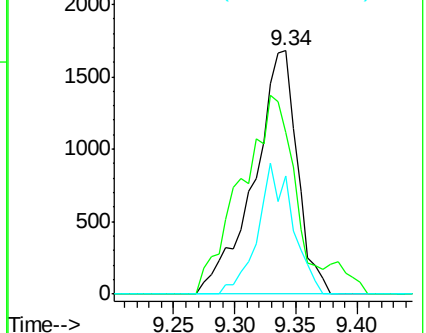
98 48.7 38.6 58.0

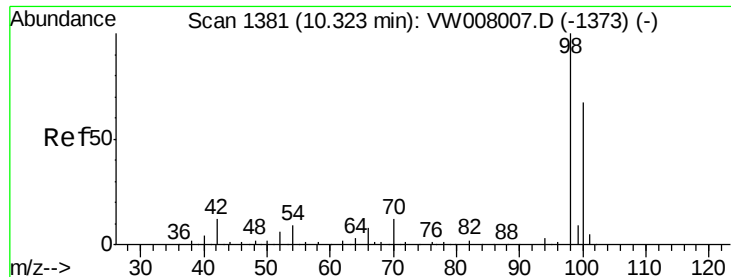


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#50

Toluene-d8

Concen: 47.781 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008045.D

Acq: 04 Jan 2019 14:10

Instrument :

MSVOA_W

ClientSampleId :

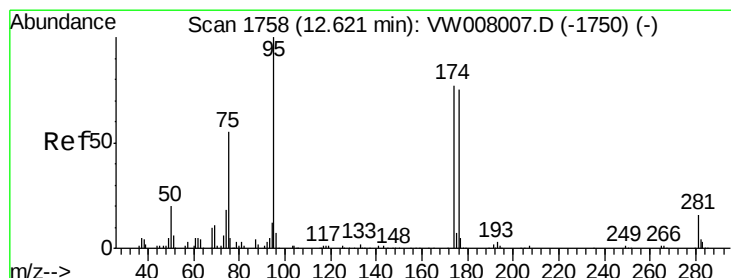
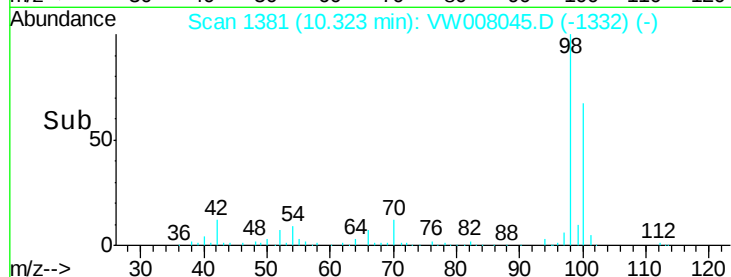
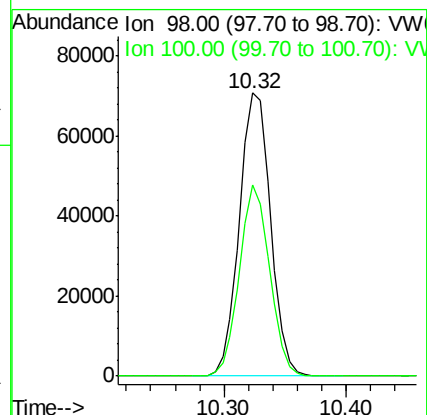
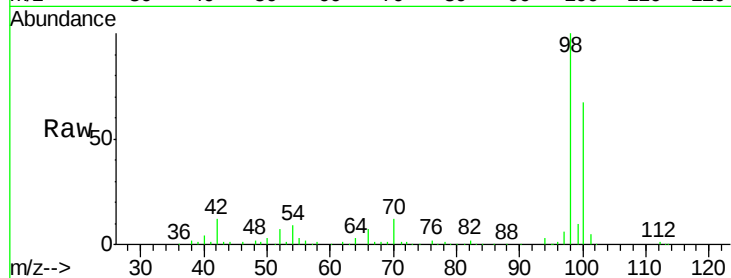
CPSB-08(10-15)

Tot Ion: 98 Resp: 125051

Ion Ratio Lower Upper

98 100

100 65.3 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 39.831 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008045.D

Acq: 04 Jan 2019 14:10

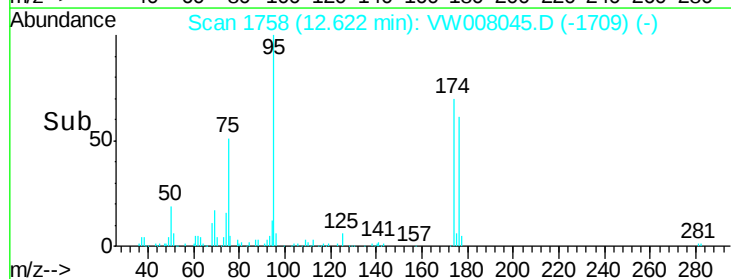
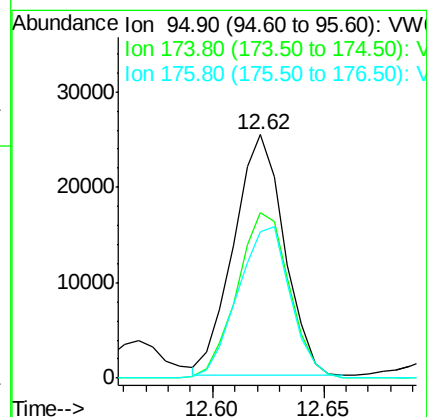
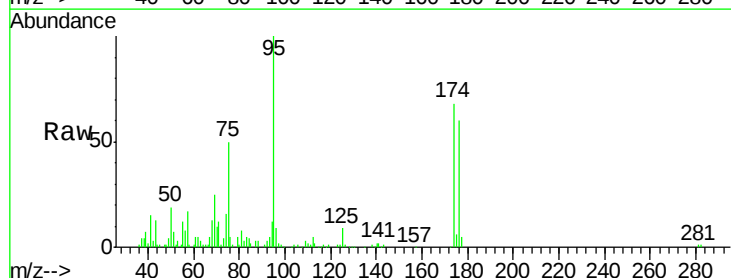
Tgt Ion: 95 Resp: 39978

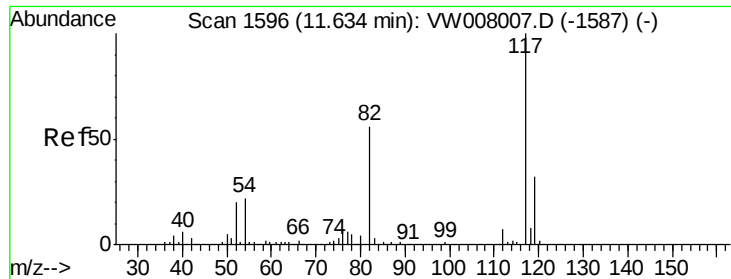
Ion Ratio Lower Upper

95 100

174 70.8 0.0 149.6

176 65.6 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008045.D

Acq: 04 Jan 2019 14:10

Instrument :

MSVOA_W

ClientSampleId :

CPSB-08(10-15)

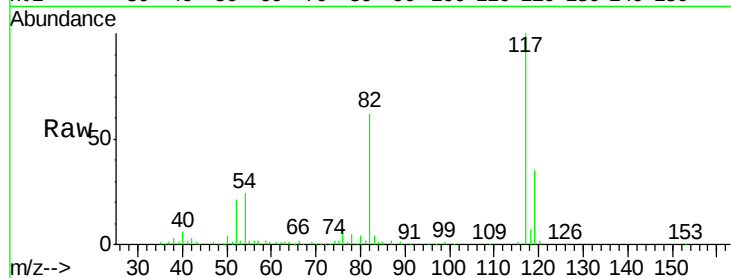
Tot Ion:117 Resp: 82850

Ion Ratio Lower Upper

117 100

82 61.4 44.8 67.2

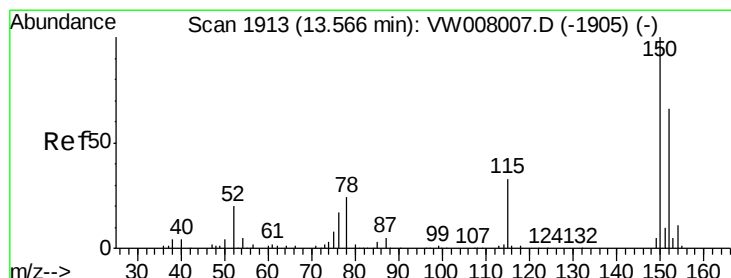
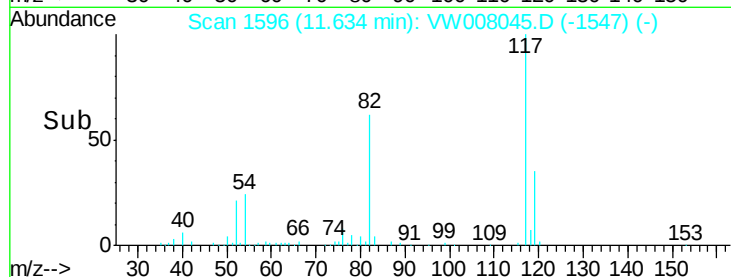
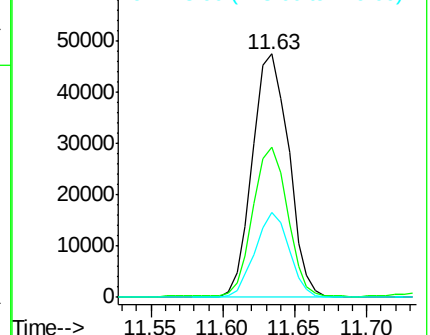
119 34.7 25.6 38.4



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW008045.D

Acq: 04 Jan 2019 14:10

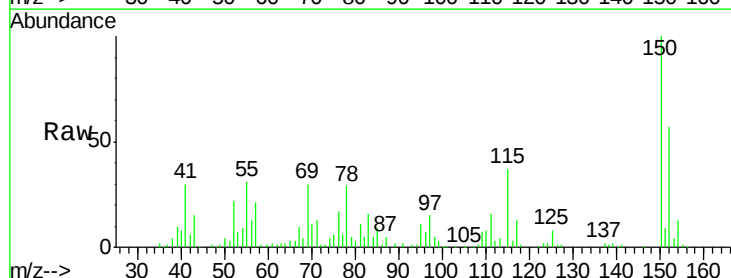
Tgt Ion:152 Resp: 27208

Ion Ratio Lower Upper

152 100

115 58.6 32.1 96.5

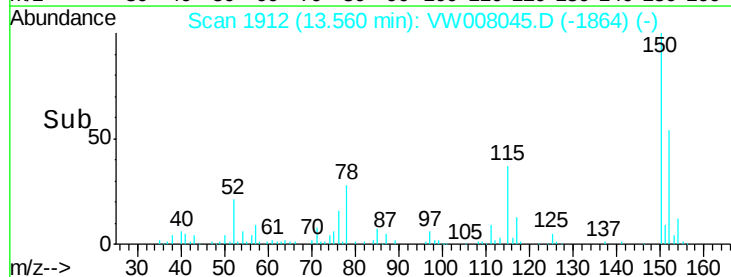
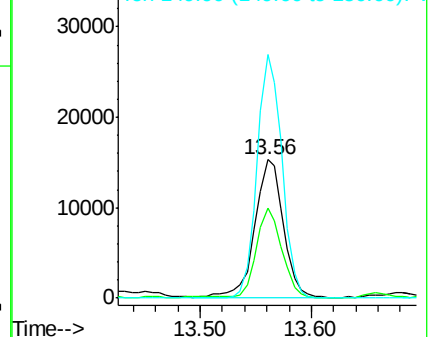
150 154.3 0.0 345.0

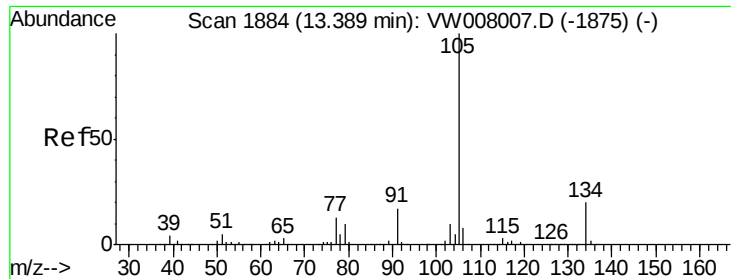


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#85

sec-Butylbenzene

Concen: 6.868 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW008045.D

Acq: 04 Jan 2019 14:10

Instrument :

MSVOA_W

ClientSampleId :

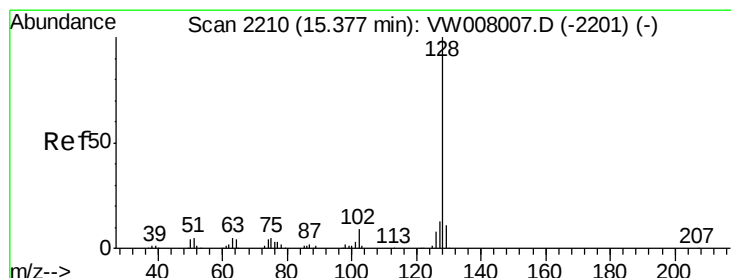
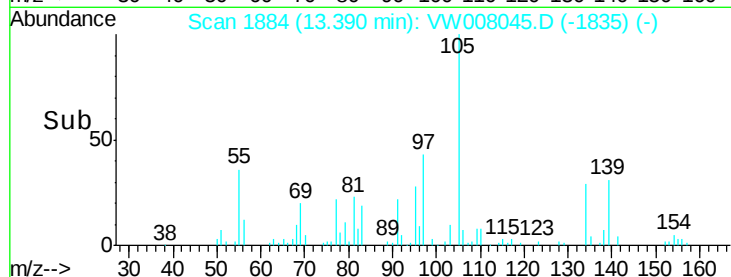
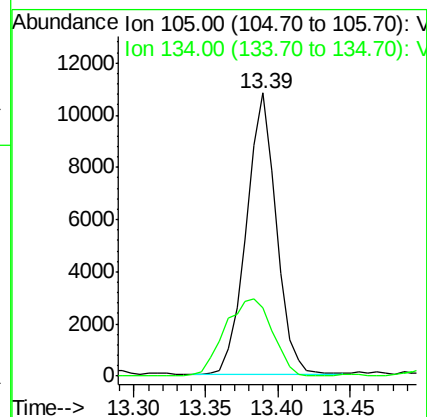
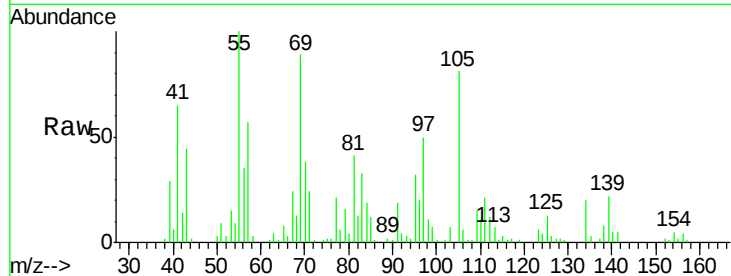
CPSB-08(10-15)

Tot Ion:105 Resp: 15393

Ion Ratio Lower Upper

105 100

134 44.2 9.7 28.9#



#95

Naphthalene

Concen: 28.140 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW008045.D

Acq: 04 Jan 2019 14:10

Tgt Ion:128 Resp: 27753

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 8.5 8.8 13.2#

