

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011019\
 Data File : VW008186.D
 Acq On : 11 Jan 2019 09:33
 Operator : SY/AP
 Sample : K1102-05
 Misc : 5.06G/5ML/MSVOA W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-13(10-15)

Quant Time: Jan 16 08:29:16 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

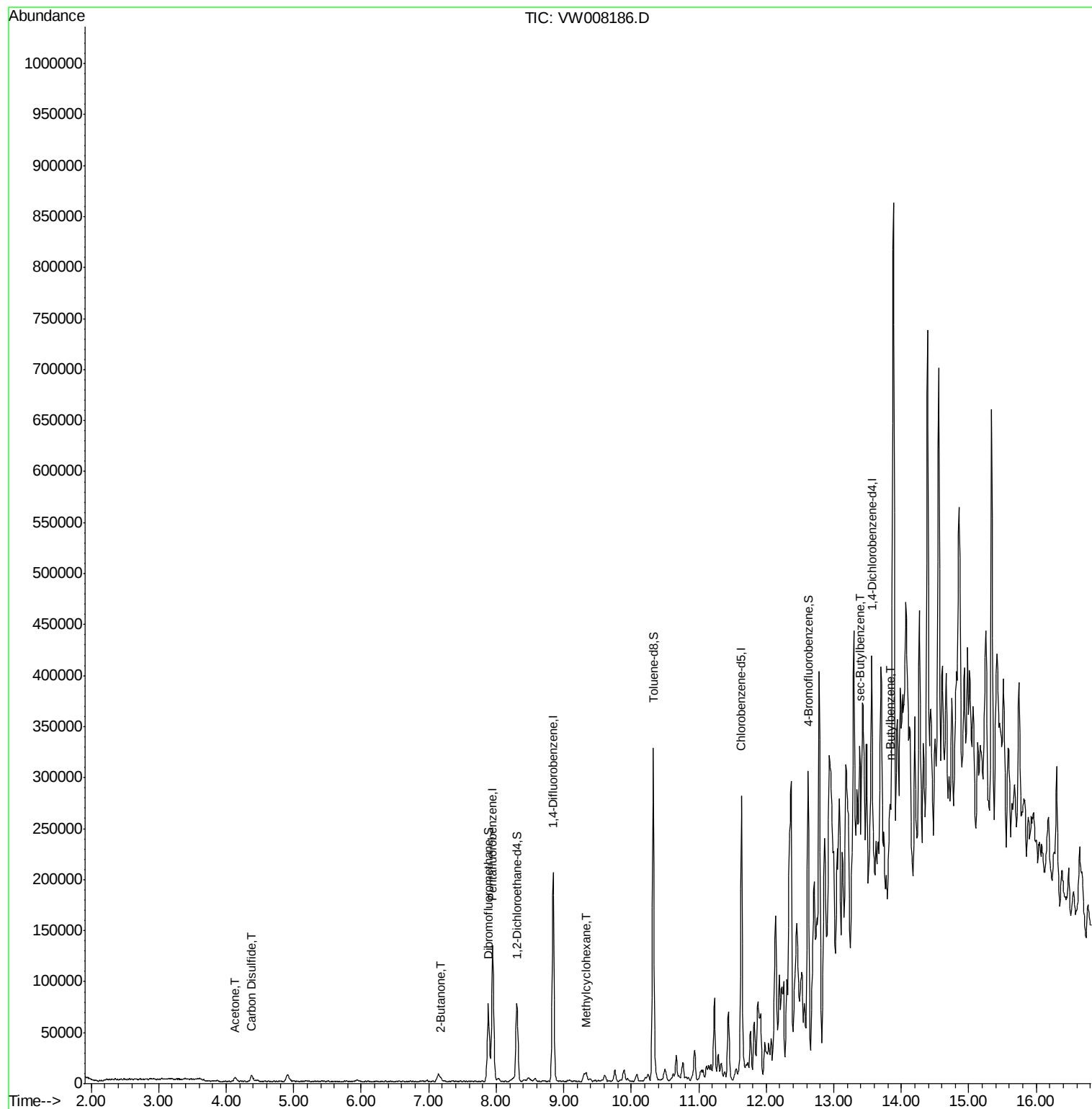
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	95060	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	169549	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	149258	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	65977	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	57525	53.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.68%	
35) Dibromofluoromethane	7.88	113	54085	54.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.38%	
50) Toluene-d8	10.32	98	212455	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
62) 4-Bromofluorobenzene	12.62	95	75072	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.92%	
Target Compounds						
16) Acetone	4.14	43	7671	20.531	ug/l	91
17) Carbon Disulfide	4.38	76	12047	3.704	ug/l	100
25) 2-Butanone	7.18	43	3575	12.026	ug/l	95
39) Methylcyclohexane	9.33	83	3140	1.418	ug/l #	91
85) sec-Butylbenzene	13.39	105	32244	5.845	ug/l #	49
89) n-Butylbenzene	13.83	91	13426	2.878	ug/l	95

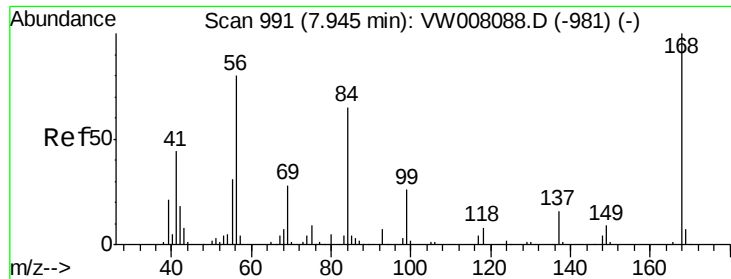
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011019\
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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# 991

Delta R.T. 0.00 min

Lab File: VW008186.D

Acq: 11 Jan 2019 09:33

Instrument :

MSVOA_W

ClientSampleId :

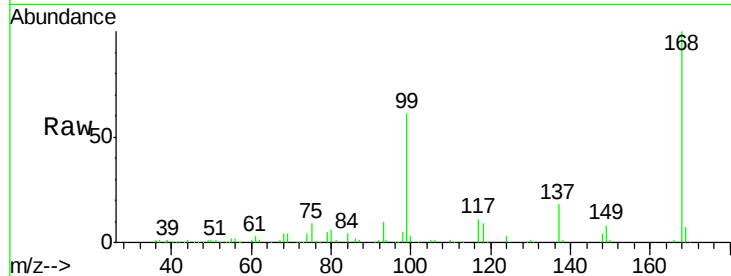
CPSB-13(10-15)

Tot Ion:168 Resp: 95060

Ion Ratio Lower Upper

168 100

99 60.6 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

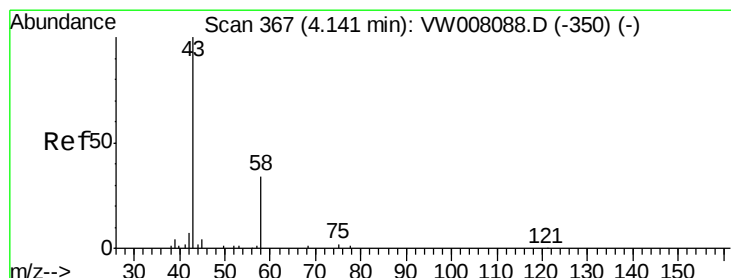
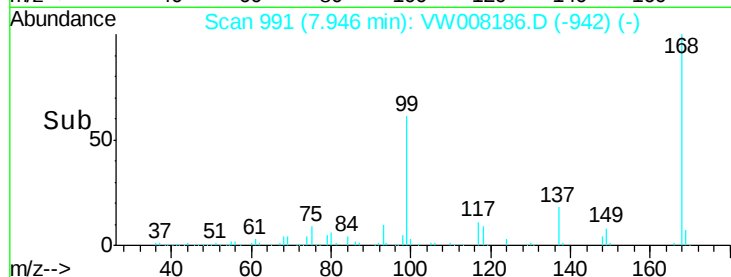
20000

10000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 20.531 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW008186.D

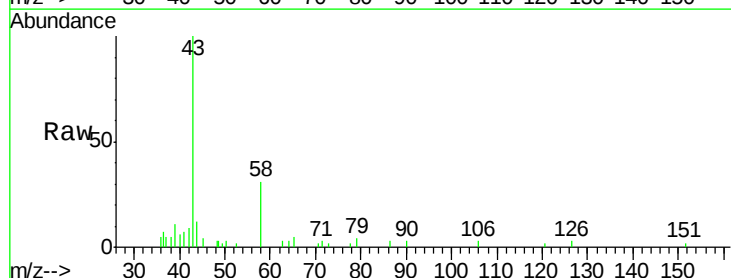
Acq: 11 Jan 2019 09:33

Tgt Ion: 43 Resp: 7671

Ion Ratio Lower Upper

43 100

58 29.0 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

2500

2000

1500

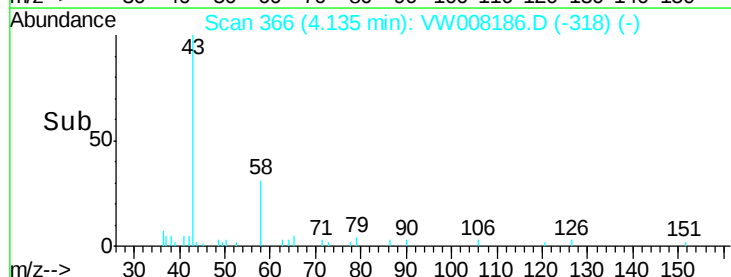
1000

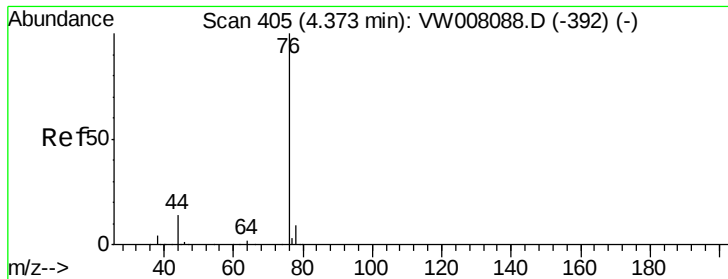
500

0

4.00 4.10 4.20

Time-->





#17

Carbon Disulfide

Concen: 3.704 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW008186.D

Acq: 11 Jan 2019 09:33

Instrument :

MSVOA_W

ClientSampleId :

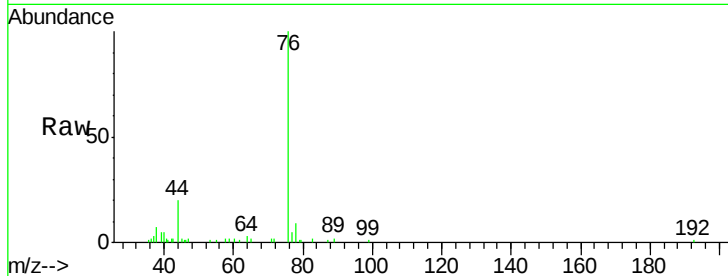
CPSB-13(10-15)

Tot Ion: 76 Resp: 12047

Ion Ratio Lower Upper

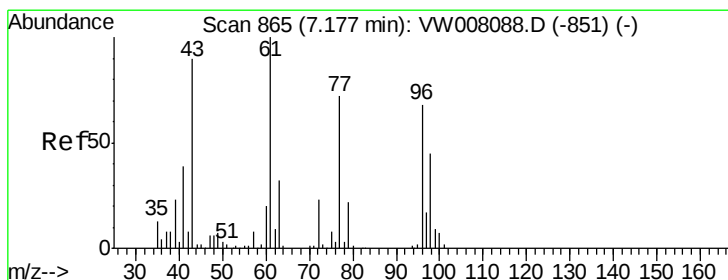
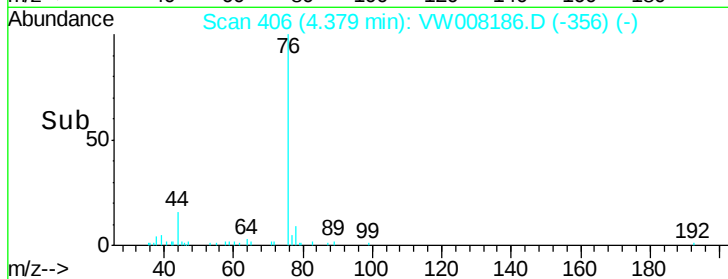
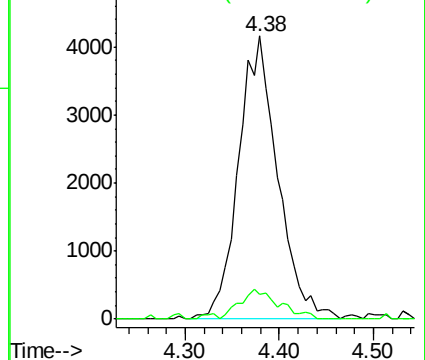
76 100

78 8.7 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#25

2-Butanone

Concen: 12.026 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW008186.D

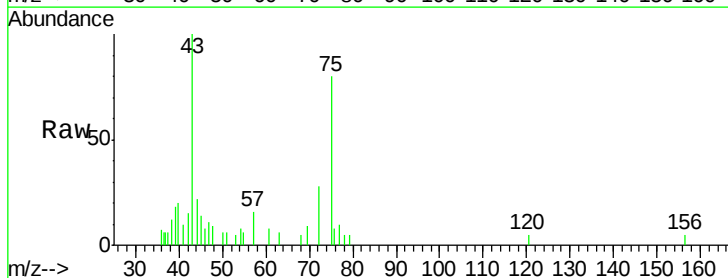
Acq: 11 Jan 2019 09:33

Tgt Ion: 43 Resp: 3575

Ion Ratio Lower Upper

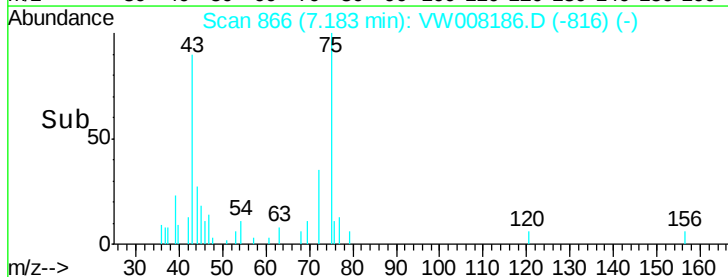
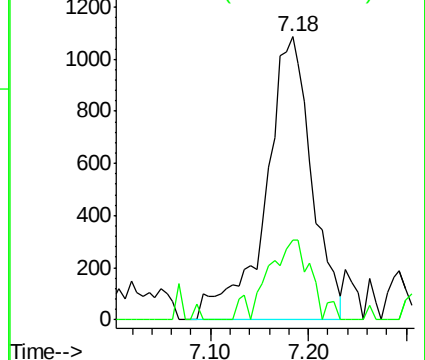
43 100

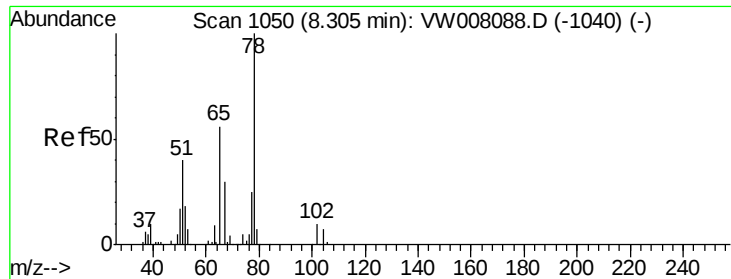
72 28.2 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

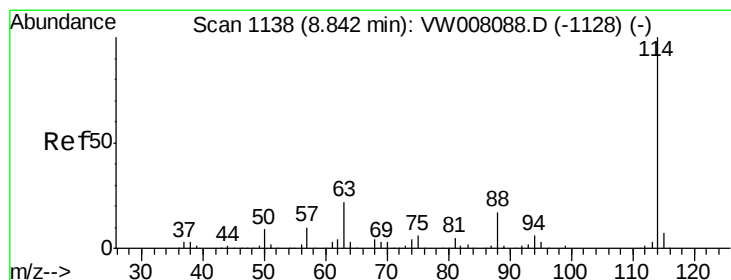
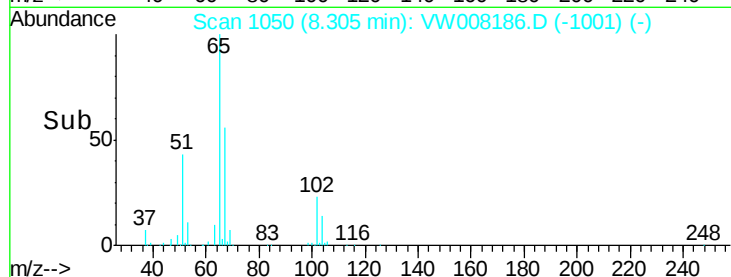
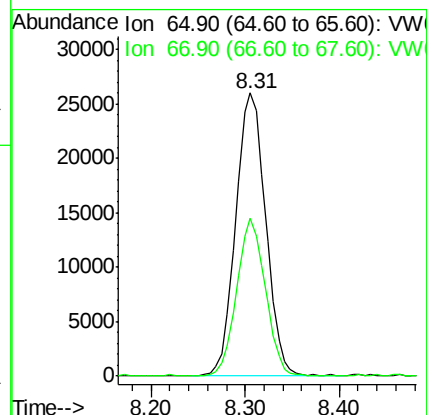
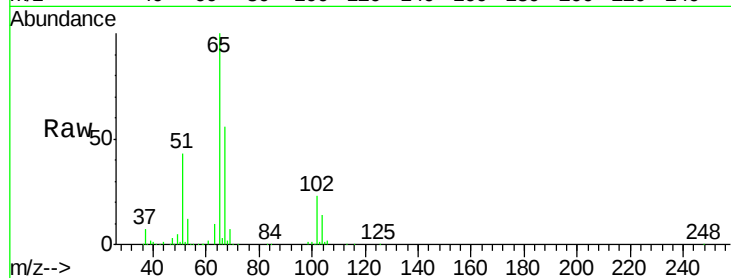




#33
 1,2-Dichloroethane-d4
 Concen: 53.843 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008186.D
 Acq: 11 Jan 2019 09:33

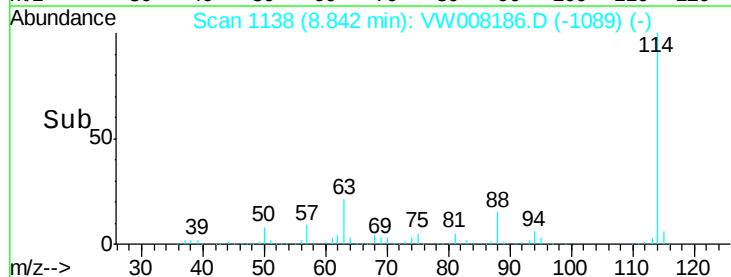
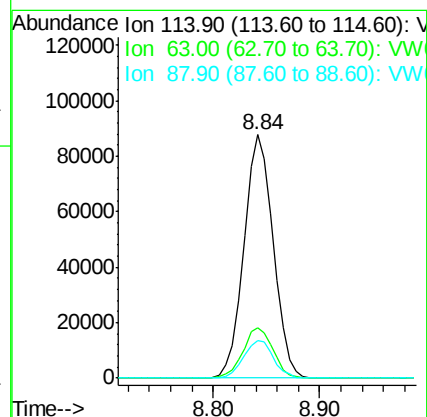
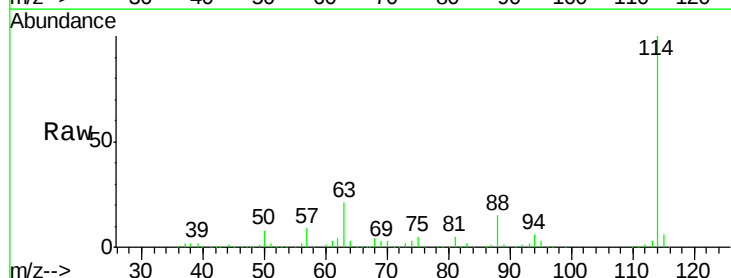
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-13(10-15)

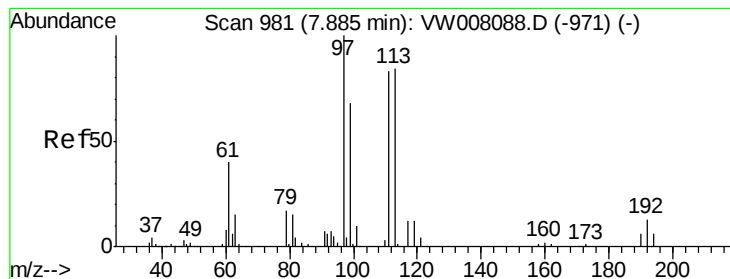
Tot Ion: 65 Resp: 57525
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008186.D
 Acq: 11 Jan 2019 09:33

Tgt Ion: 114 Resp: 169549
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 43.4
 88 15.3 0.0 33.4





#35

Dibromofluoromethane

Concen: 54.693 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008186.D

Acq: 11 Jan 2019 09:33

Instrument :

MSVOA_W

ClientSampleId :

CPSB-13(10-15)

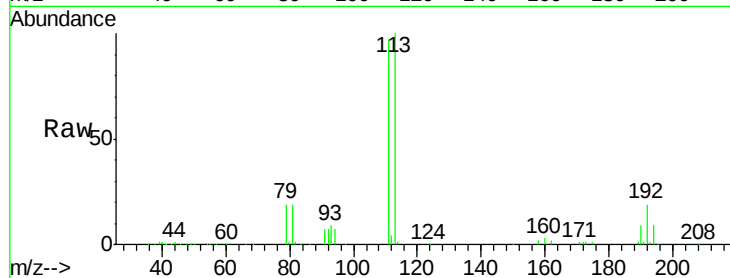
Tot Ion:113 Resp: 54085

Ion Ratio Lower Upper

113 100

111 101.7 81.8 122.8

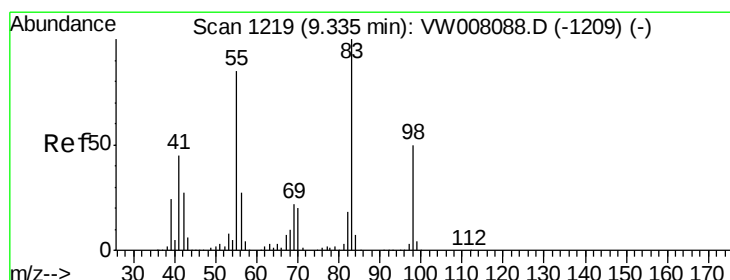
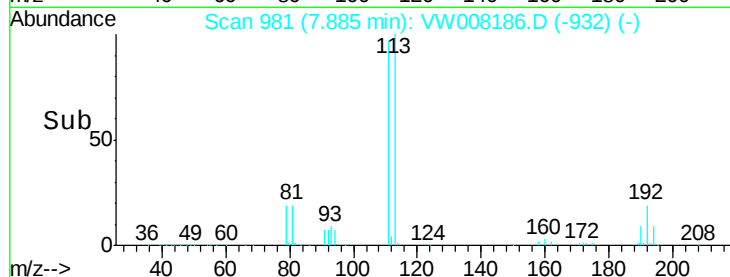
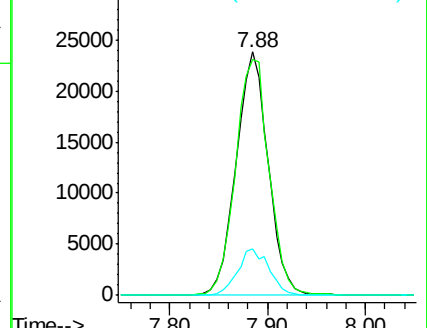
192 18.8 12.8 19.2



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

Methylcyclohexane

Concen: 1.418 ug/l

RT: 9.33 min Scan# 1218

Delta R.T. -0.01 min

Lab File: VW008186.D

Acq: 11 Jan 2019 09:33

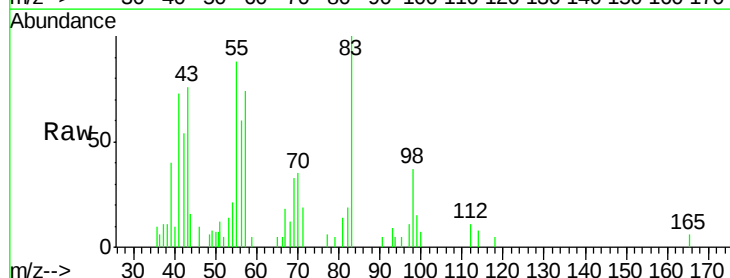
Tgt Ion: 83 Resp: 3140

Ion Ratio Lower Upper

83 100

55 88.3 67.8 101.6

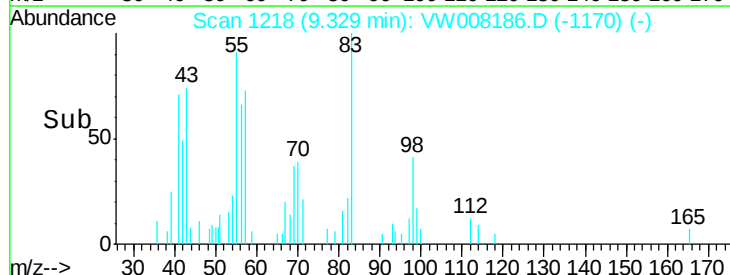
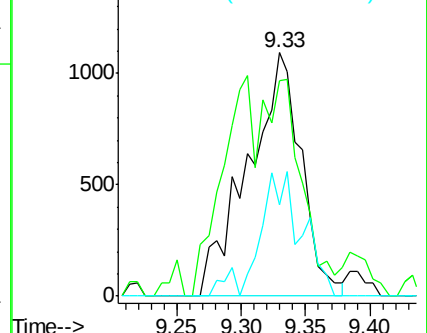
98 37.4 40.2 60.4#

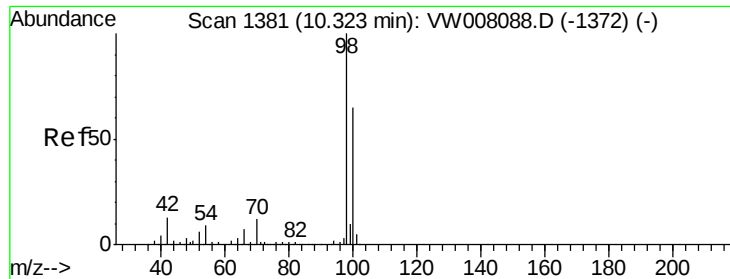


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#50

Toluene-d8

Concen: 51.198 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008186.D

Acq: 11 Jan 2019 09:33

Instrument :

MSVOA_W

ClientSampleId :

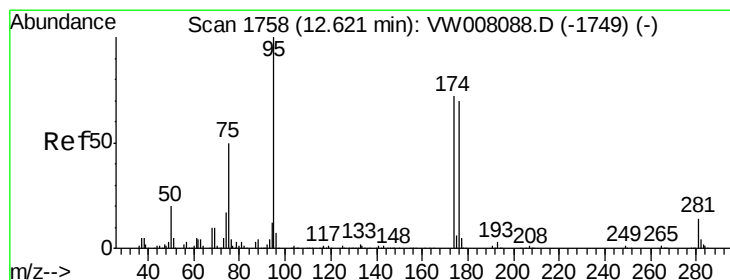
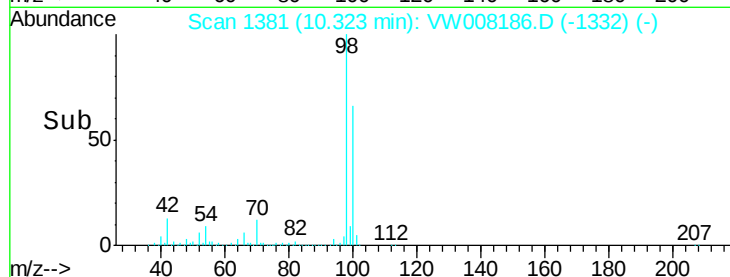
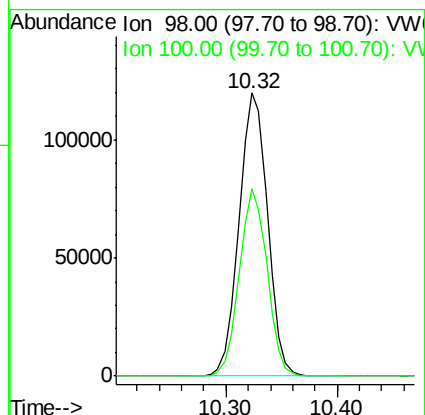
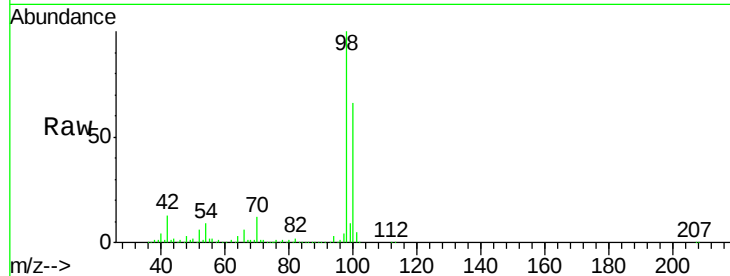
CPSB-13(10-15)

Tot Ion: 98 Resp: 212455

Ion Ratio Lower Upper

98 100

100 64.4 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 50.463 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008186.D

Acq: 11 Jan 2019 09:33

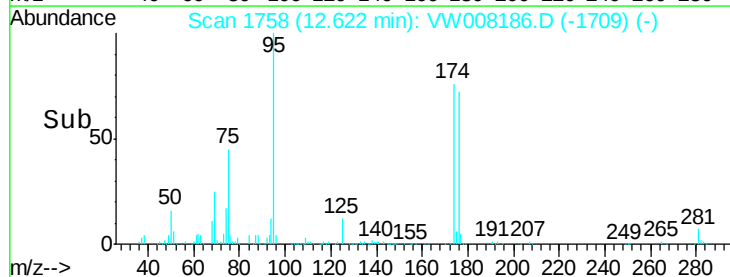
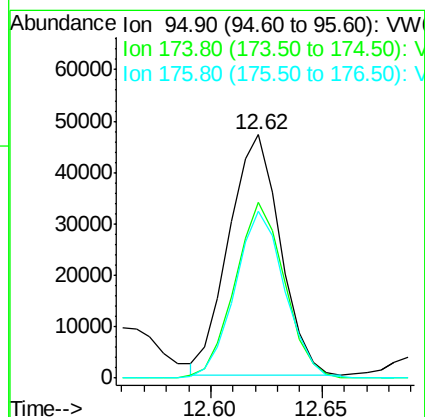
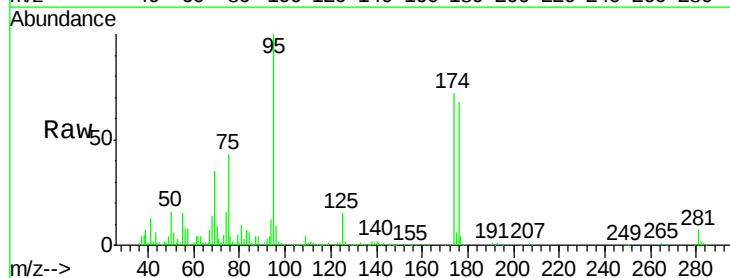
Tgt Ion: 95 Resp: 75072

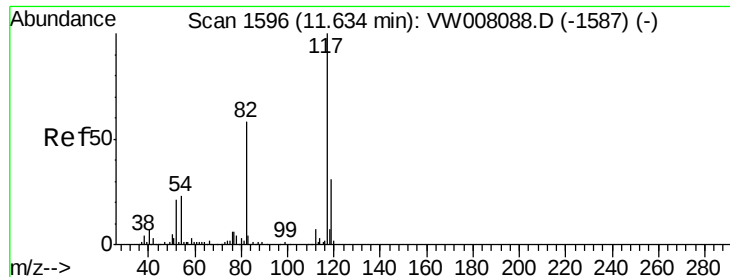
Ion Ratio Lower Upper

95 100

174 70.8 0.0 143.0

176 67.5 0.0 140.2

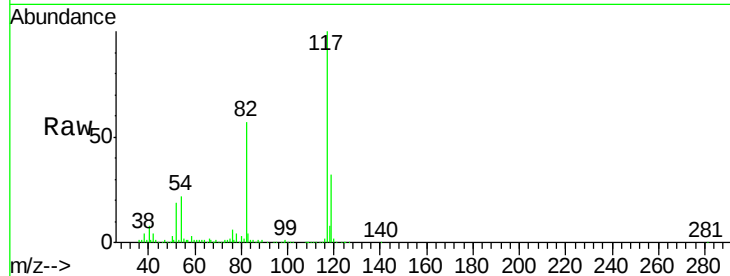




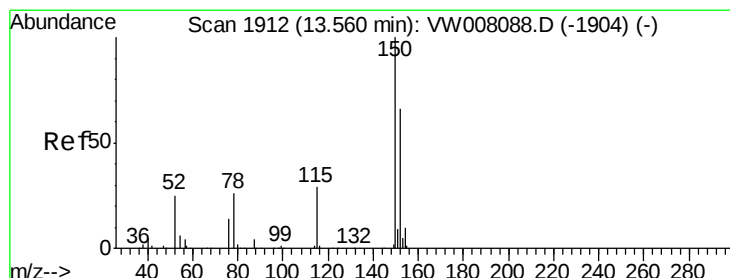
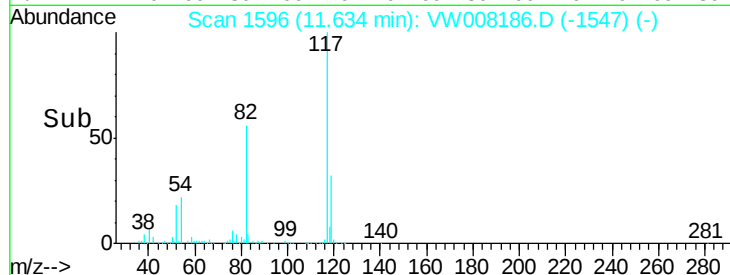
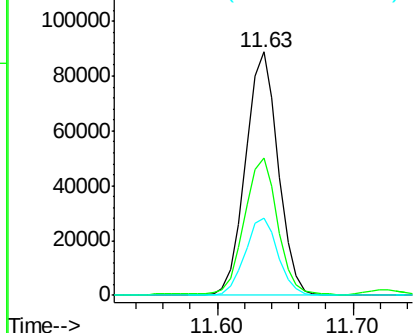
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008186.D
Acq: 11 Jan 2019 09:33

Instrument :
MSVOA_W
ClientSampleId :
CPSB-13(10-15)

Tot Ion:117 Resp: 149258
Ion Ratio Lower Upper
117 100
82 56.3 46.4 69.6
119 31.7 24.7 37.1

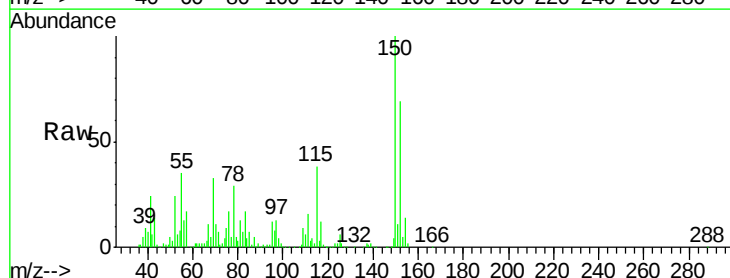


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

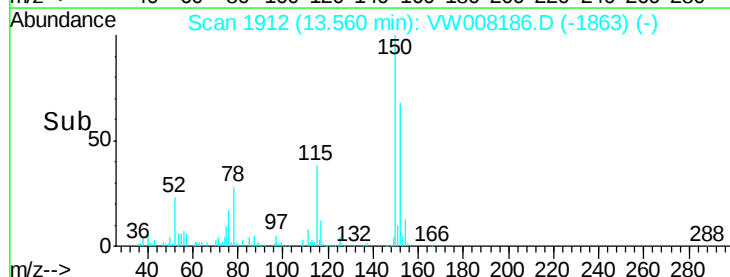
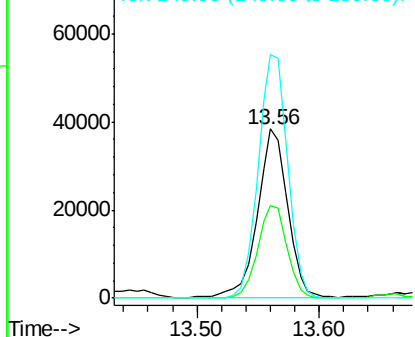


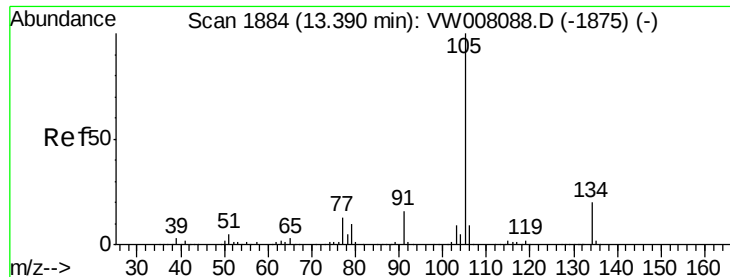
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008186.D
Acq: 11 Jan 2019 09:33

Tgt Ion:152 Resp: 65977
Ion Ratio Lower Upper
152 100
115 53.5 30.8 92.4
150 140.3 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





#85

sec-Butylbenzene

Concen: 5.845 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW008186.D

Acq: 11 Jan 2019 09:33

Instrument :

MSVOA_W

ClientSampleId :

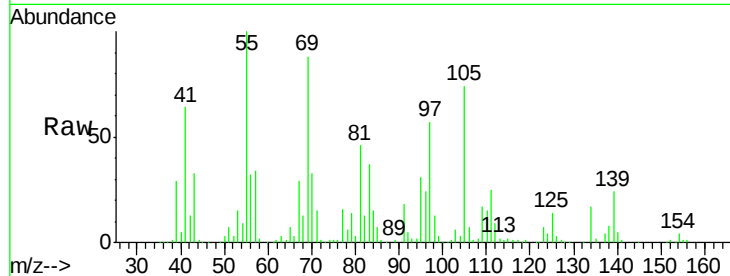
CPSB-13(10-15)

Tot Ion:105 Resp: 32244

Ion Ratio Lower Upper

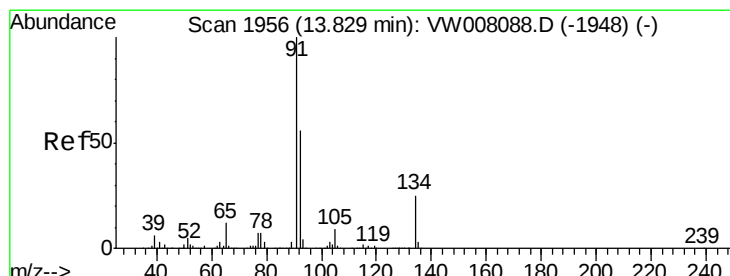
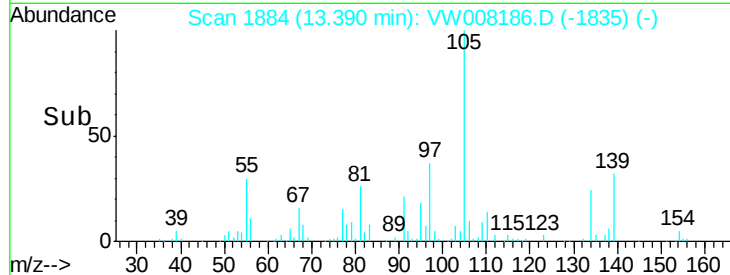
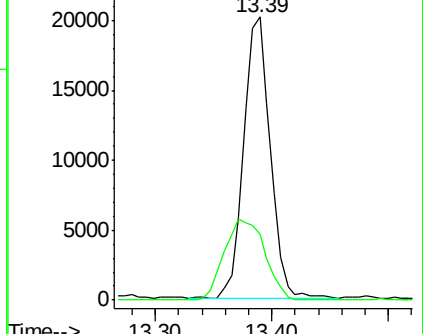
105 100

134 43.7 10.1 30.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 2.878 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008186.D

Acq: 11 Jan 2019 09:33

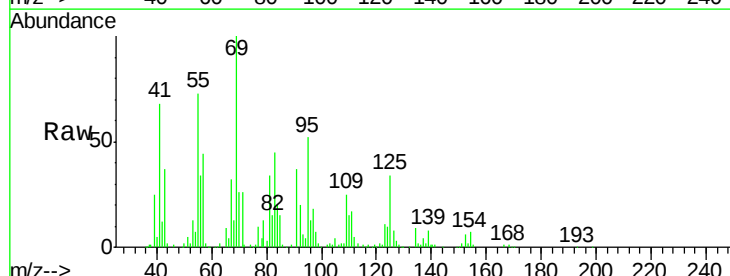
Tgt Ion: 91 Resp: 13426

Ion Ratio Lower Upper

91 100

92 57.3 27.4 82.2

134 29.7 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

