

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081319\
 Data File : VD063566.D
 Acq On : 14 Aug 2019 10:44
 Operator : JC/SY
 Sample : K4085-03
 Misc : 6.58g/5ml/MSVOA D/SOIL
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-05-080919-B

Quant Time: Aug 14 11:44:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

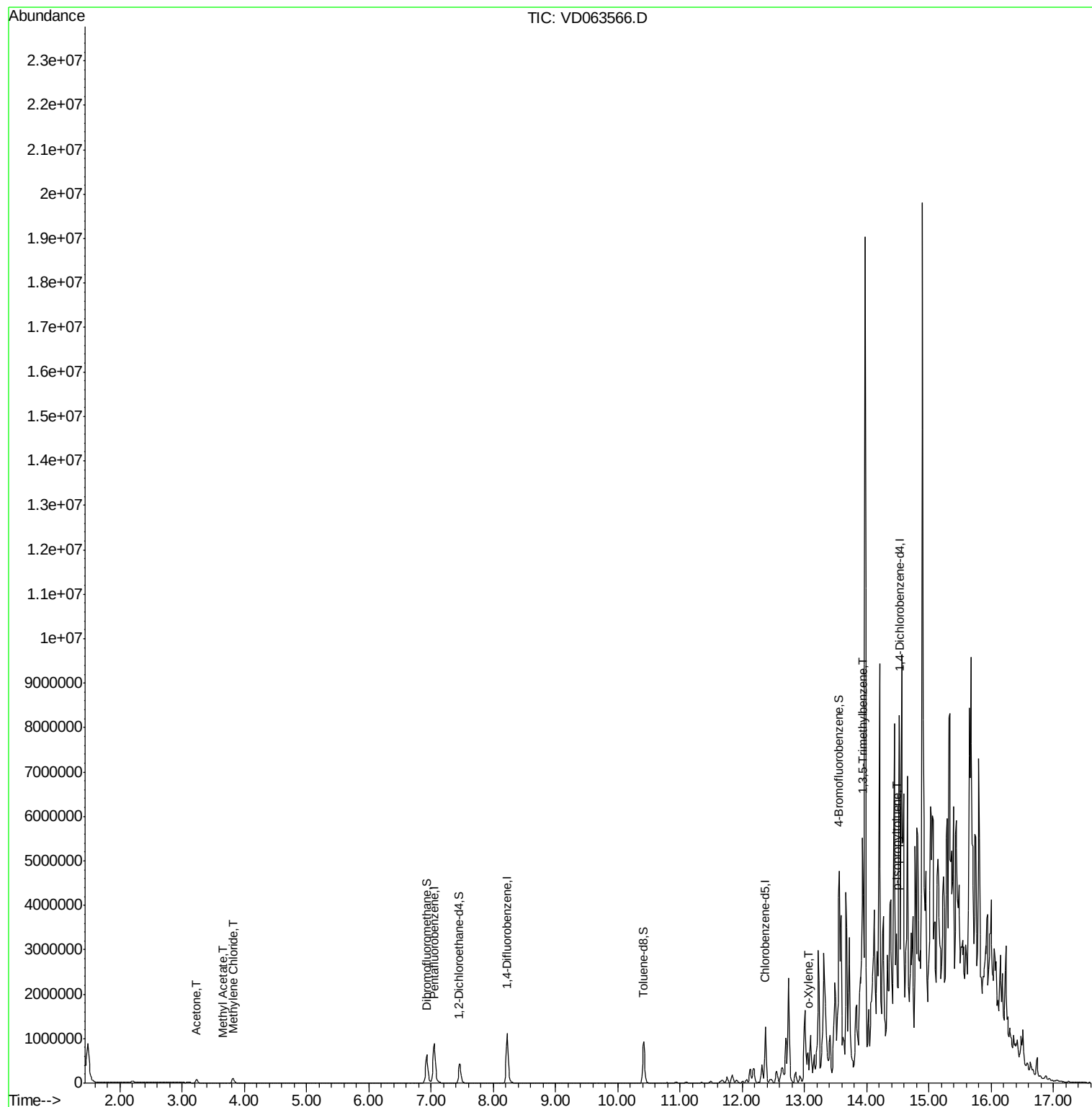
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	877142	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.22	114	1217565	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.38	117	714786	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	345063	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	489847	52.24	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	104.48%	
35) Dibromofluoromethane	6.93	113	524324	51.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.26%	
50) Toluene-d8	10.42	98	752445	33.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.76%	
62) 4-Bromofluorobenzene	13.56	95	337259	33.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.02%	
Target Compounds						
16) Acetone	3.23	43	141355	74.165	ug/l	95
18) Methyl Acetate	3.64	43	17574	4.868	ug/l	95
20) Methylene Chloride	3.82	84	70999	8.615	ug/l	95
69) o-Xylene	13.06	106	53423	6.782	ug/l	96
80) 1,3,5-Trimethylbenzene	13.94	105	905512	47.219	ug/l	97
86) p-Isopropyltoluene	14.49	119	246034	11.999	ug/l	97

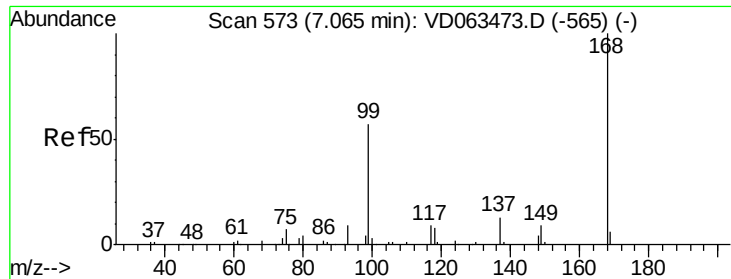
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.01 min

Lab File: VD063566.D

Acq: 14 Aug 2019 10:44

Instrument :

MSVOA_D

ClientSampleId :

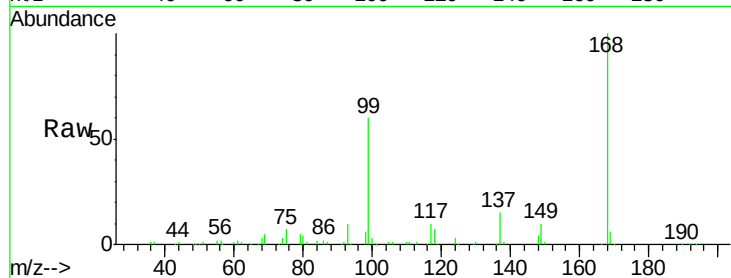
HR-05-080919-B

Tot Ion:168 Resp: 877142

Ion Ratio Lower Upper

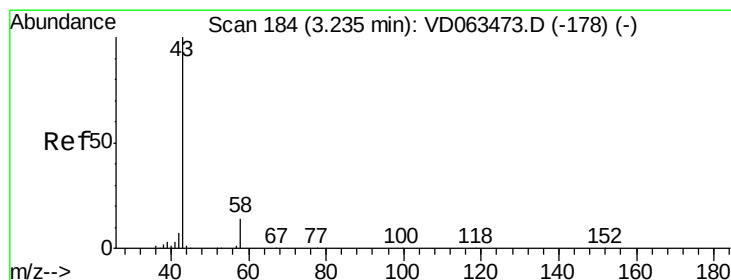
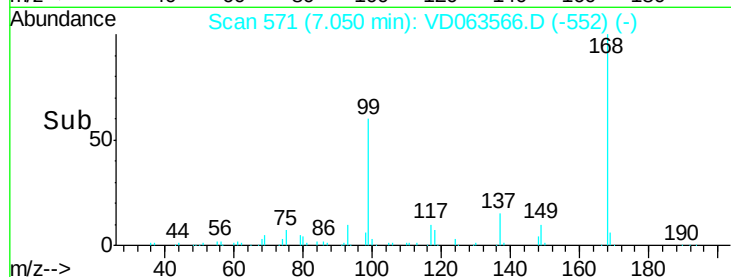
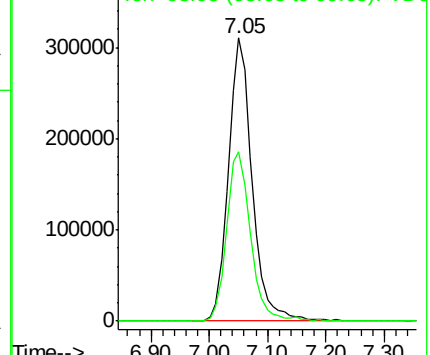
168 100

99 59.9 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 74.165 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD063566.D

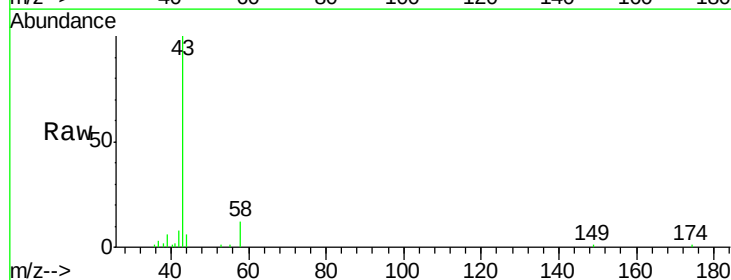
Acq: 14 Aug 2019 10:44

Tgt Ion: 43 Resp: 141355

Ion Ratio Lower Upper

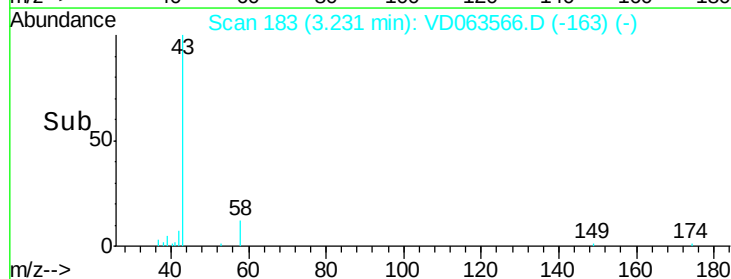
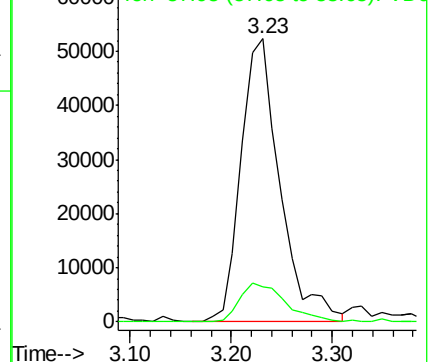
43 100

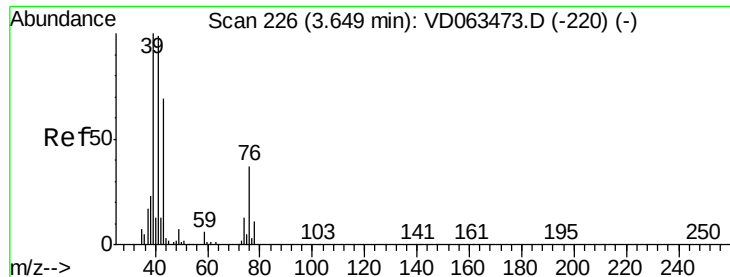
58 12.3 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

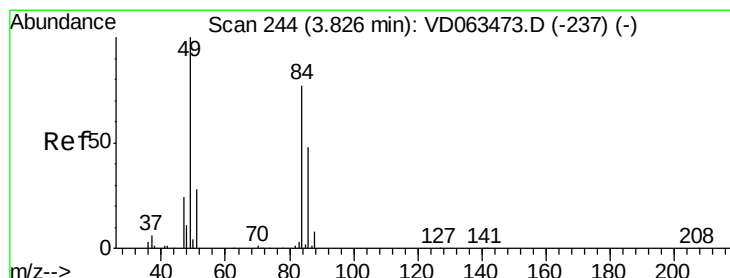
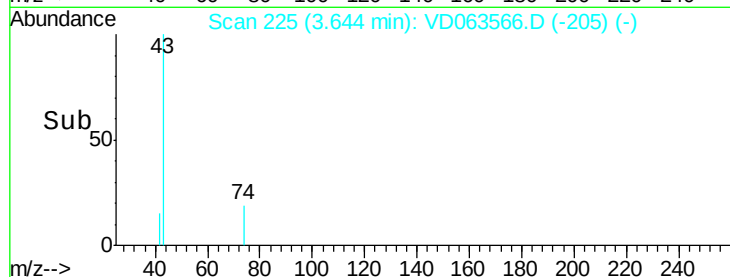
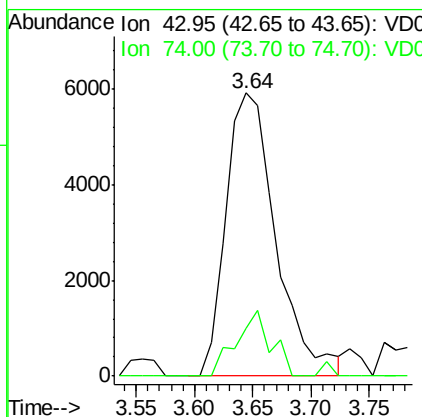
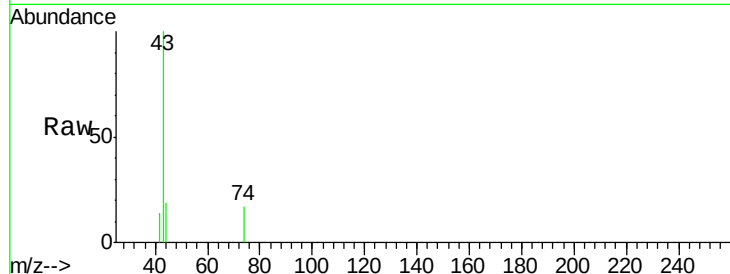




#18
Methvl Acetate
Concen: 4.868 ug/l
RT: 3.64 min Scan# 225
Delta R.T. -0.00 min
Lab File: VD063566.D
Acq: 14 Aug 2019 10:44

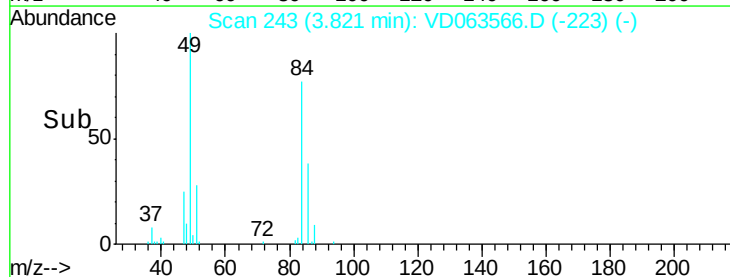
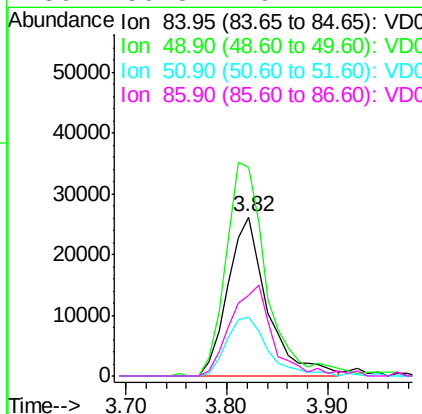
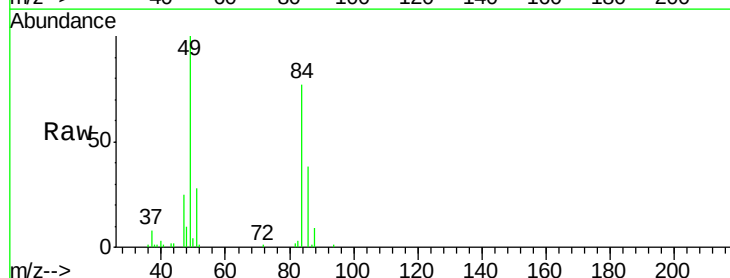
Instrument :
MSVOA_D
ClientSampleId :
HR-05-080919-B

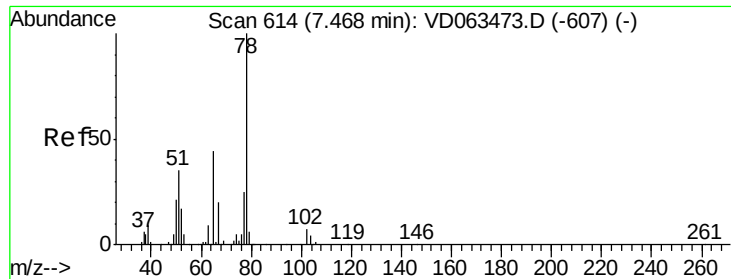
Tot Ion: 43 Resp: 17574
Ion Ratio Lower Upper
43 100
74 17.1 15.4 23.2



#20
Methylene Chloride
Concen: 8.615 ug/l
RT: 3.82 min Scan# 243
Delta R.T. -0.00 min
Lab File: VD063566.D
Acq: 14 Aug 2019 10:44

Tgt Ion: 84 Resp: 70999
Ion Ratio Lower Upper
84 100
49 130.7 103.4 155.2
51 36.7 28.5 42.7
86 50.3 49.4 74.2

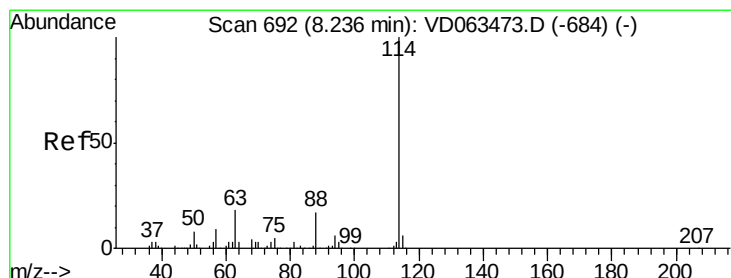
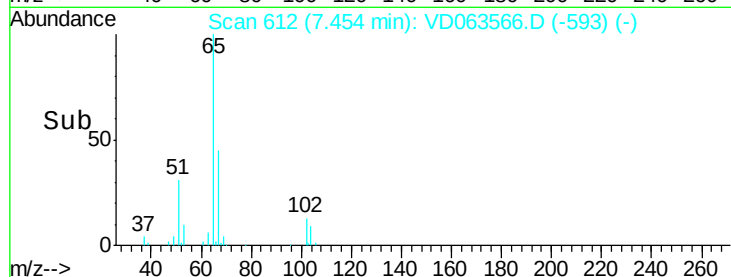
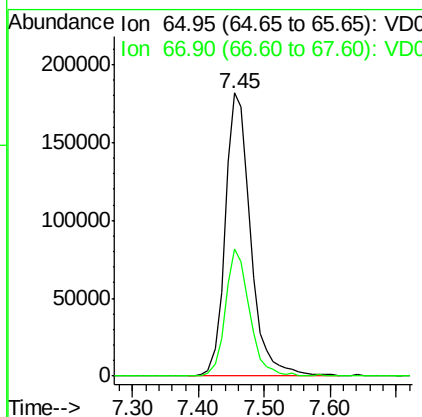
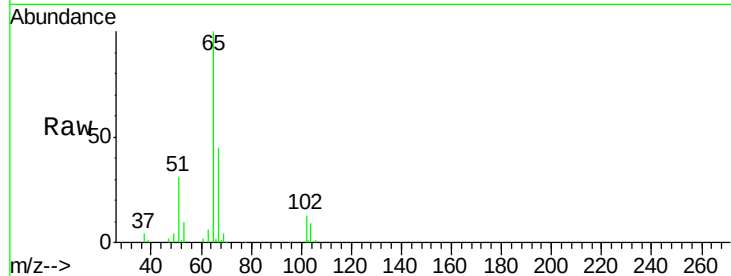




#33
 1,2-Dichloroethane-d4
 Concen: 52.245 ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: VD063566.D
 Acq: 14 Aug 2019 10:44

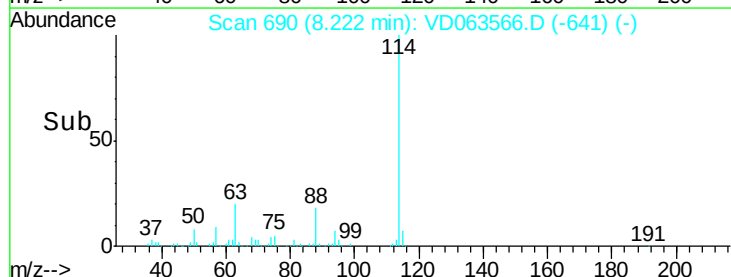
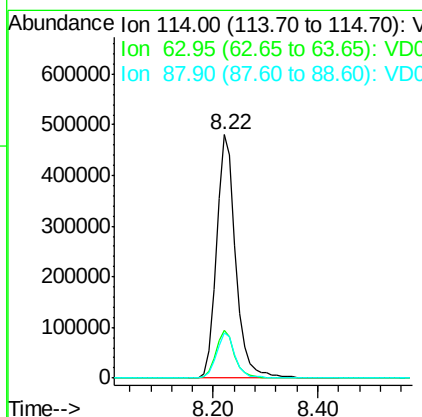
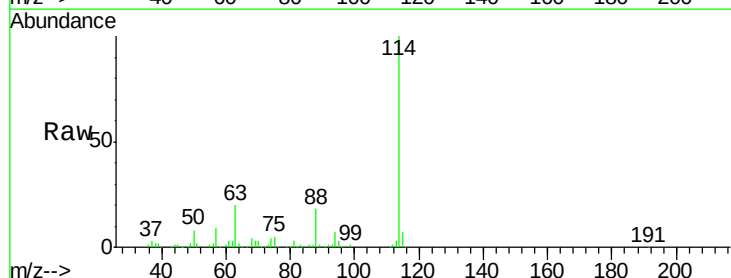
Instrument :
 MSVOA_D
 ClientSampleId :
 HR-05-080919-B

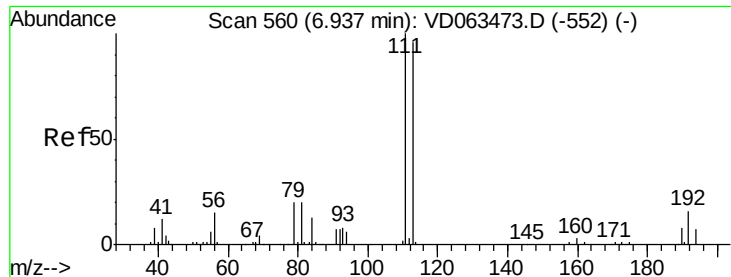
Tot Ion: 65 Resp: 489847
 Ion Ratio Lower Upper
 65 100
 67 44.9 0.0 89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: VD063566.D
 Acq: 14 Aug 2019 10:44

Tgt Ion: 114 Resp: 1217565
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 36.2
 88 18.4 0.0 35.0





#35

Dibromofluoromethane

Concen: 51.132 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.00 min

Lab File: VD063566.D

Acq: 14 Aug 2019 10:44

Instrument :

MSVOA_D

ClientSampleId :

HR-05-080919-B

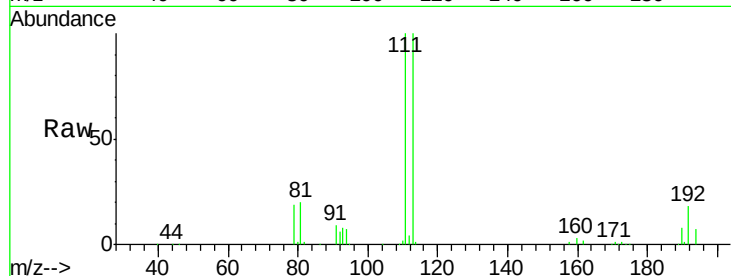
Tot Ion:113 Resp: 524324

Ion Ratio Lower Upper

113 100

111 99.5 83.1 124.7

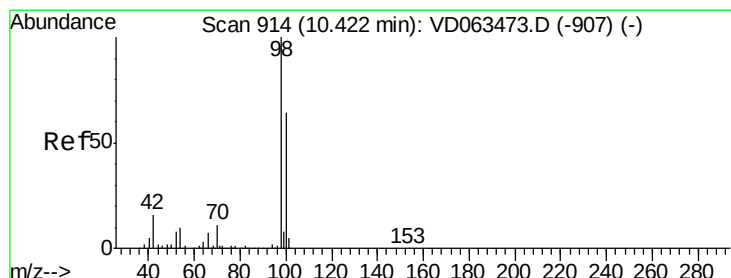
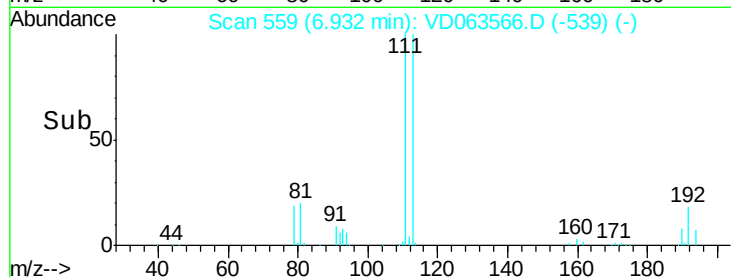
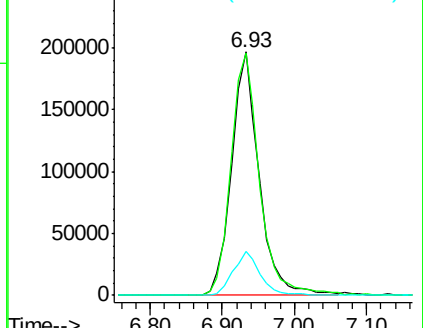
192 18.1 13.1 19.7



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#50

Toluene-d8

Concen: 33.376 ug/l

RT: 10.42 min Scan# 913

Delta R.T. -0.00 min

Lab File: VD063566.D

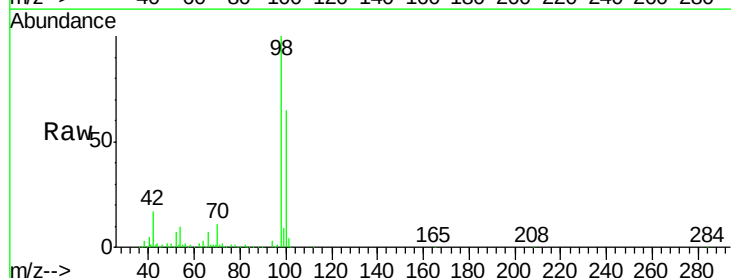
Acq: 14 Aug 2019 10:44

Tgt Ion: 98 Resp: 752445

Ion Ratio Lower Upper

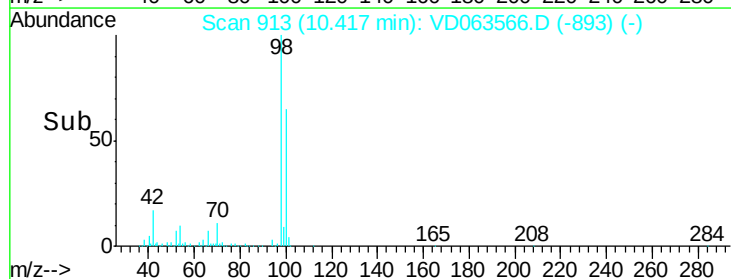
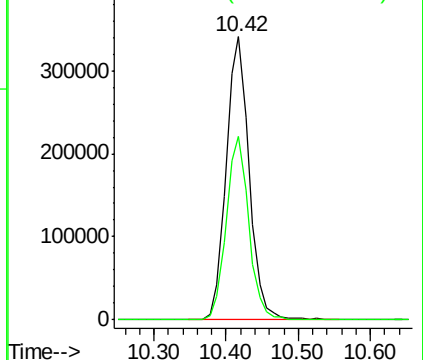
98 100

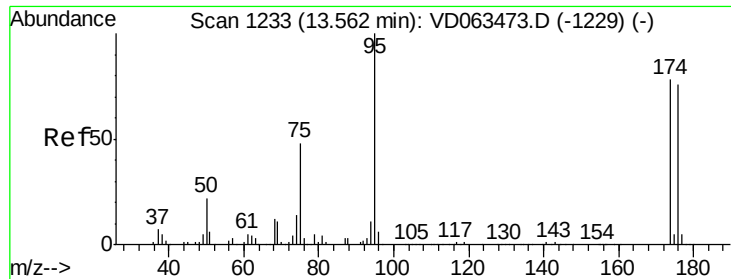
100 64.9 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 33.006 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD063566.D

Acq: 14 Aug 2019 10:44

Instrument :

MSVOA_D

ClientSampleId :

HR-05-080919-B

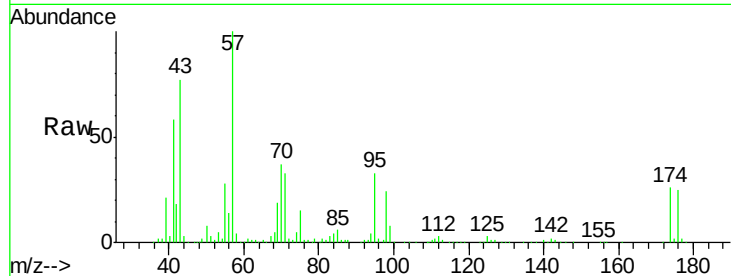
Tot Ion: 95 Resp: 337259

Ion Ratio Lower Upper

95 100

174 77.7 0.0 155.4

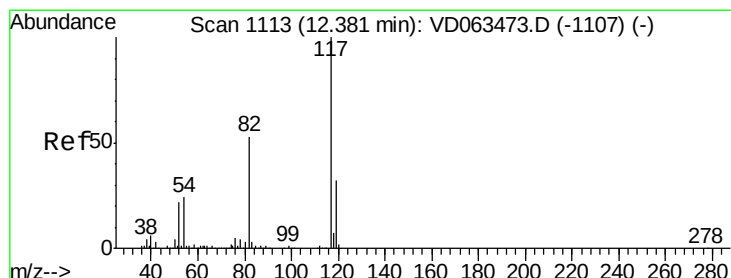
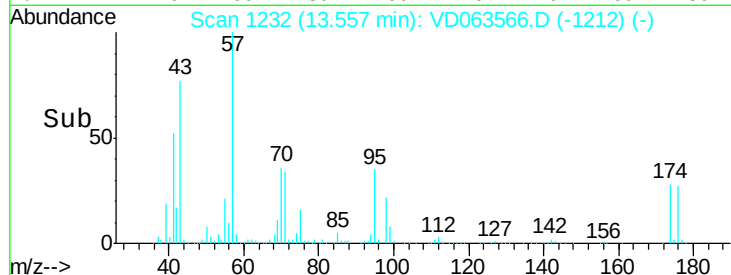
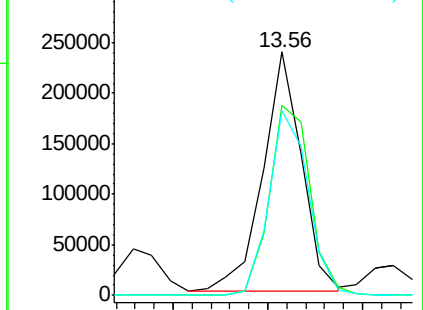
176 76.0 0.0 152.4



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.38 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VD063566.D

Acq: 14 Aug 2019 10:44

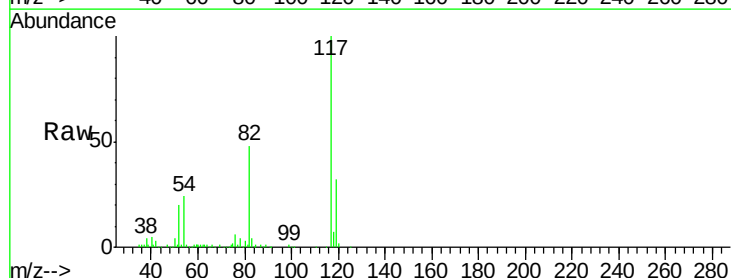
Tgt Ion: 117 Resp: 714786

Ion Ratio Lower Upper

117 100

82 48.4 42.0 63.0

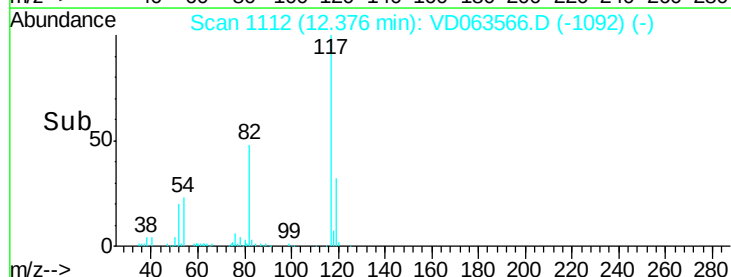
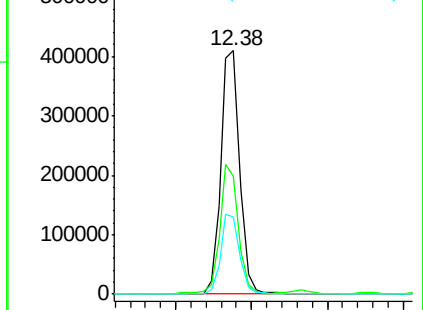
119 31.5 25.4 38.0

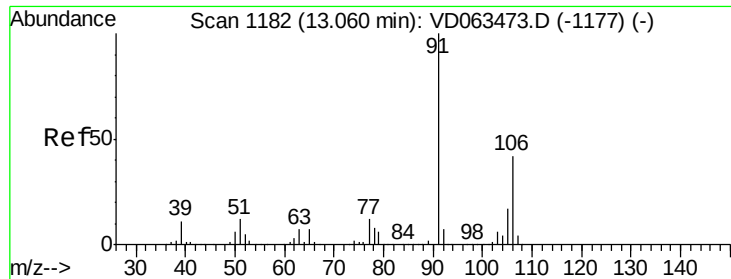


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

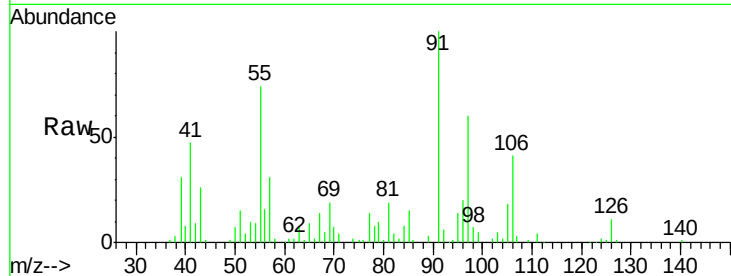




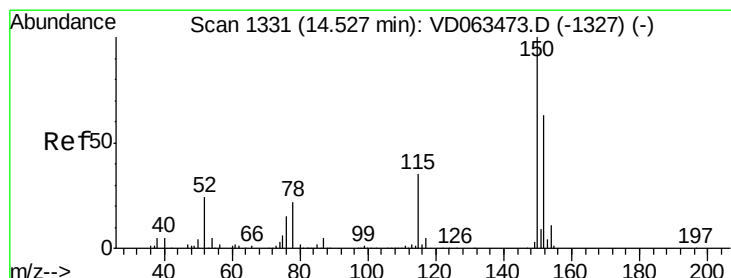
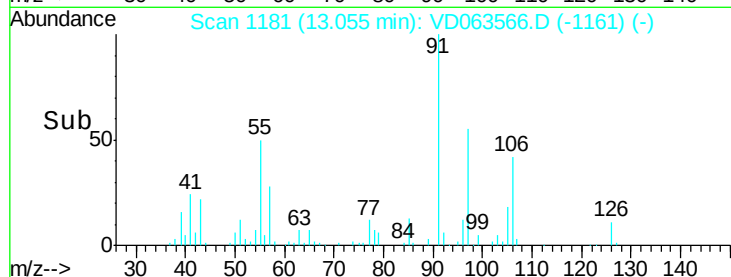
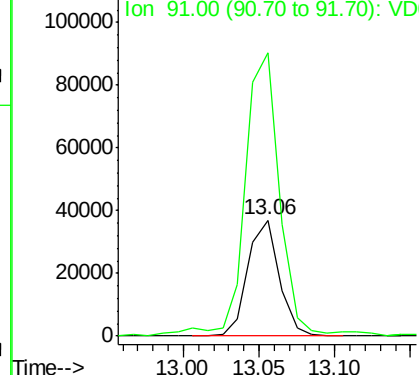
#69
o-Xylene
Concen: 6.782 ug/l
RT: 13.06 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD063566.D
Acq: 14 Aug 2019 10:44

Instrument :
MSVOA_D
ClientSampleID :
HR-05-080919-B

Tot Ion:106 Resp: 53423
Ion Ratio Lower Upper
106 100
91 243.5 118.1 354.2

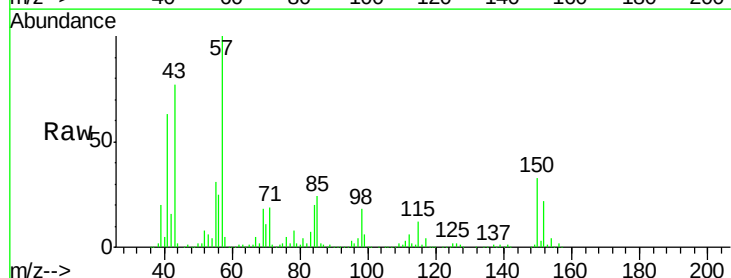


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

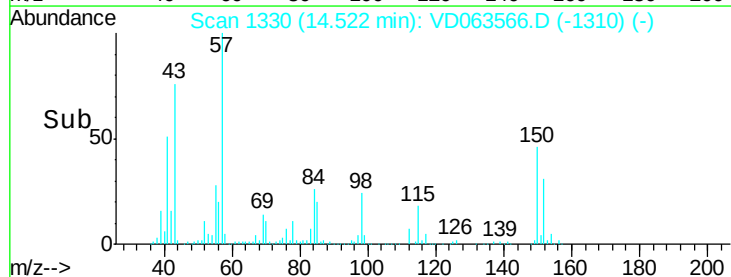
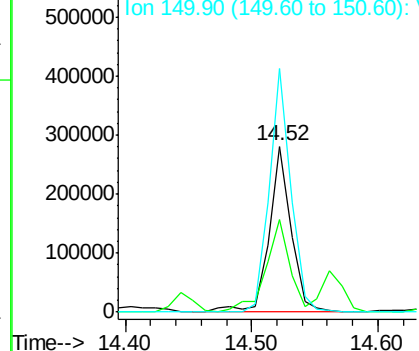


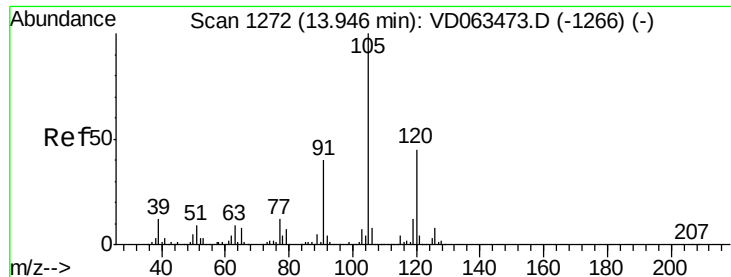
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD063566.D
Acq: 14 Aug 2019 10:44

Tgt Ion:152 Resp: 345063
Ion Ratio Lower Upper
152 100
115 56.0 30.9 92.7
150 146.9 0.0 318.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V





#80

1,3,5-Trimethylbenzene

Concen: 47.219 ug/l

RT: 13.94 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VD063566.D

Acq: 14 Aug 2019 10:44

Instrument :

MSVOA_D

ClientSampleId :

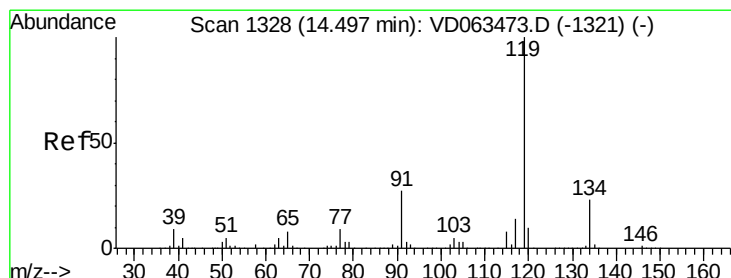
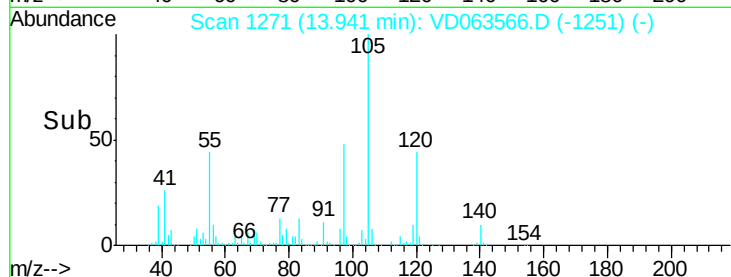
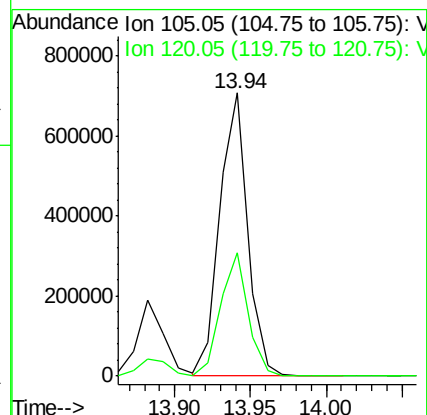
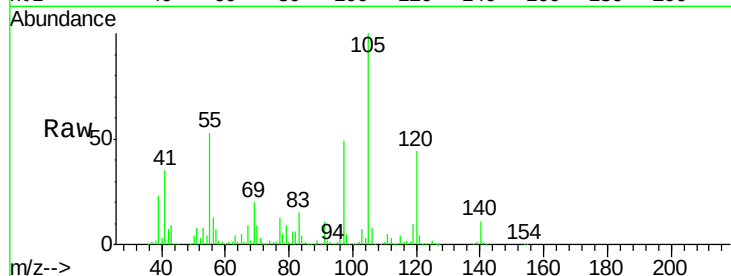
HR-05-080919-B

Tot Ion:105 Resp: 905512

Ion Ratio Lower Upper

105 100

120 43.5 22.8 68.3



#86

p-Isopropyltoluene

Concen: 11.999 ug/l

RT: 14.49 min Scan# 1327

Delta R.T. -0.00 min

Lab File: VD063566.D

Acq: 14 Aug 2019 10:44

Tgt Ion:119 Resp: 246034

Ion Ratio Lower Upper

119 100

134 20.2 11.3 33.8

91 27.7 13.5 40.4

