

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060319\
 Data File : VW010660.D
 Acq On : 03 Jun 2019 15:33
 Operator : SY/VA
 Sample : K3138-03
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 B-10-15-2.0

Quant Time: Jun 04 08:08:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

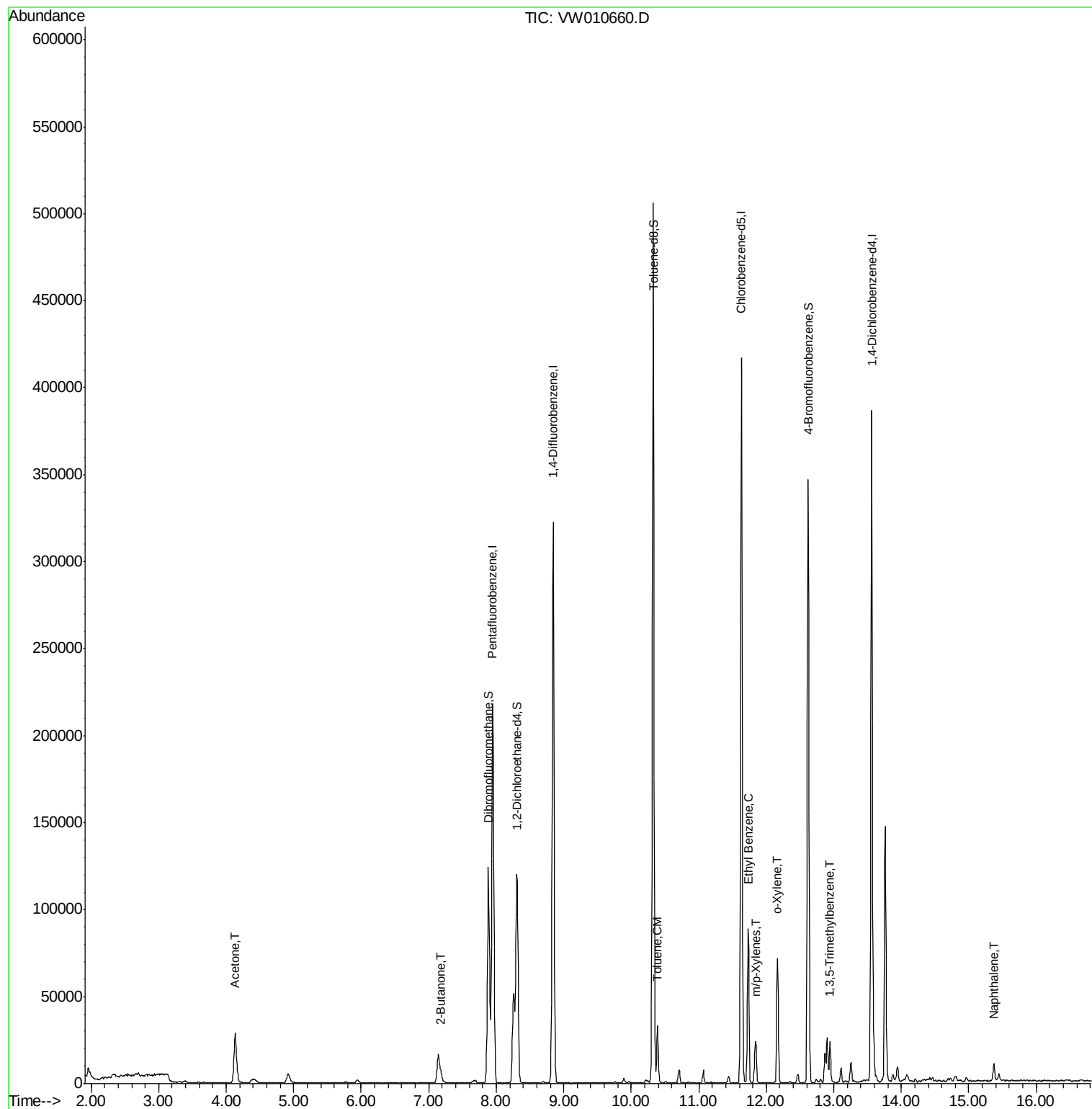
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	169980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	292044	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	252759	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	103763	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	93563	53.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.66%	
35) Dibromofluoromethane	7.88	113	89367	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.86%	
50) Toluene-d8	10.32	98	346786	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
62) 4-Bromofluorobenzene	12.62	95	124420	46.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.28%	
Target Compounds						
16) Acetone	4.14	43	49796	139.045	ug/l	98
25) 2-Butanone	7.18	43	7181	14.011	ug/l	98
52) Toluene	10.39	92	14163	2.789	ug/l	96
67) Ethyl Benzene	11.73	91	63675	6.695	ug/l	98
68) m/p-Xylenes	11.84	106	8666	2.323	ug/l	97
69) o-Xylene	12.17	106	20933	5.923	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	10616	1.522	ug/l	100
95) Naphthalene	15.37	128	9154	1.946	ug/l	99

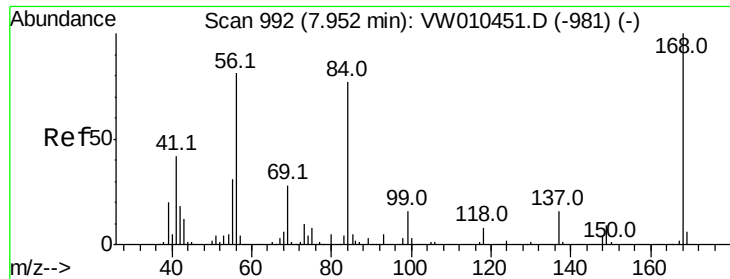
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW060319\
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Misc : 5.05G/5ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
B-10-1.5-2.0

Quant Time: Jun 04 08:08:26 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 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: VW010660.D

Acq: 03 Jun 2019 15:33

Instrument :

MSVOA_W

ClientSampleId :

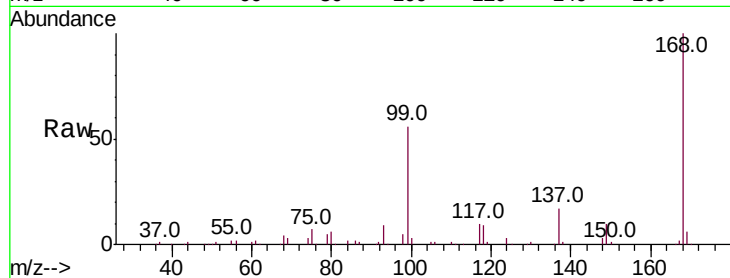
B-10-1.5-2.0

Tot Ion:168 Resp: 169980

Ion Ratio Lower Upper

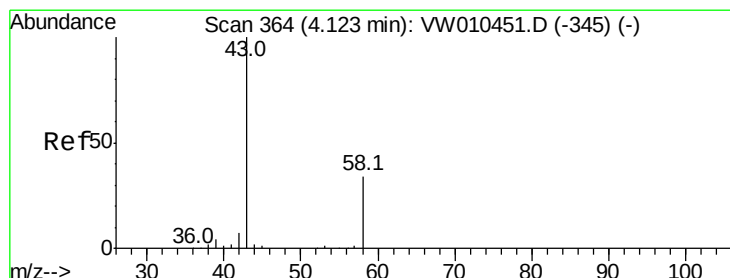
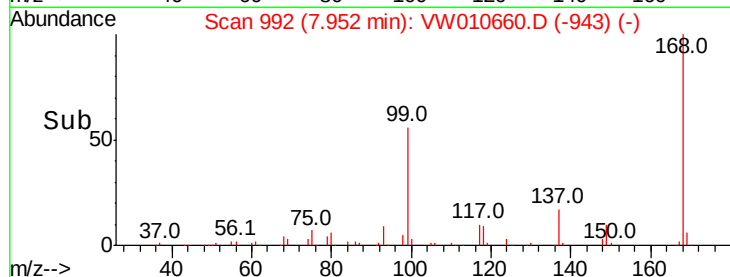
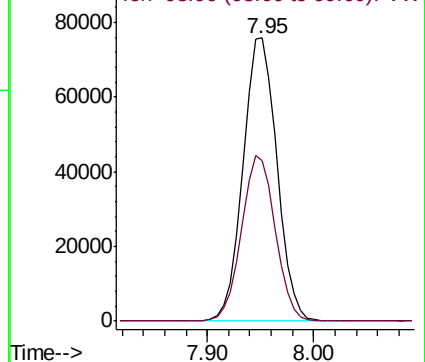
168 100

99 56.5 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 139.045 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW010660.D

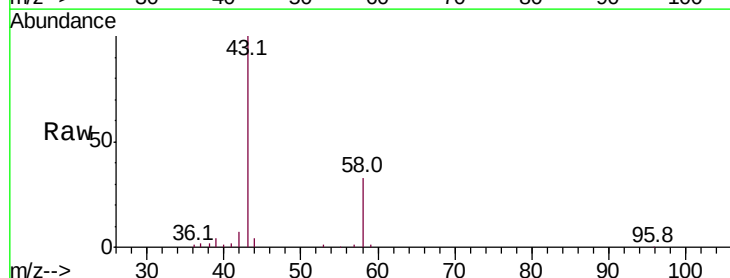
Acq: 03 Jun 2019 15:33

Tgt Ion: 43 Resp: 49796

Ion Ratio Lower Upper

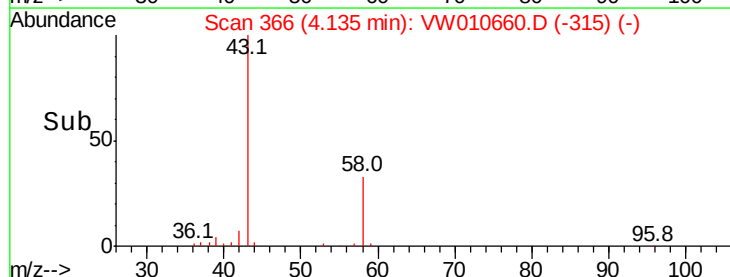
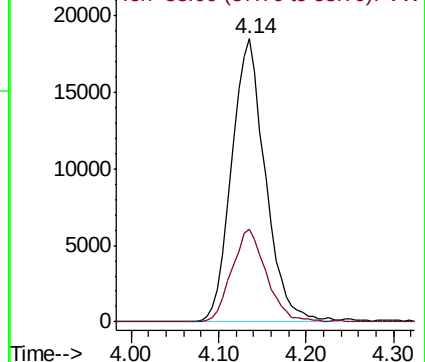
43 100

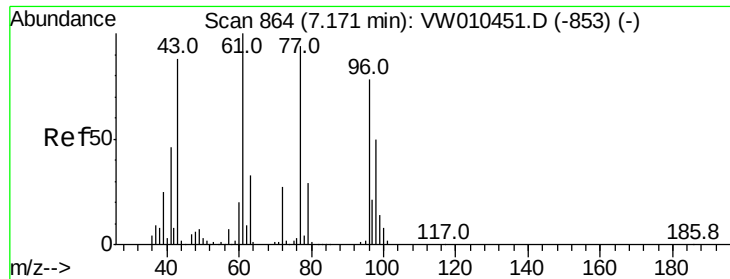
58 32.5 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#25

2-Butanone

Concen: 14.011 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW010660.D

Acq: 03 Jun 2019 15:33

Instrument :

MSVOA_W

ClientSampled :

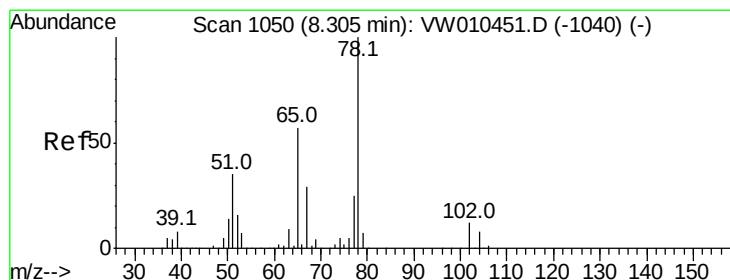
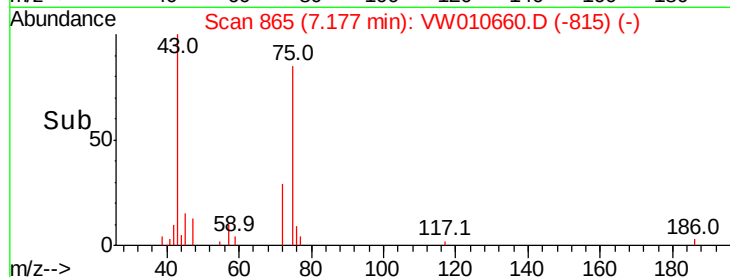
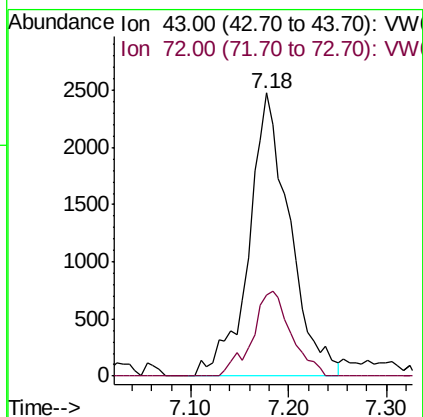
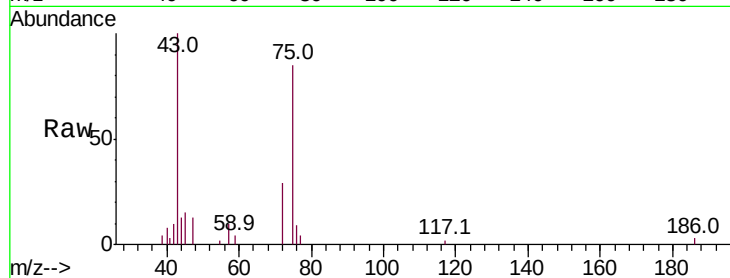
B-10-1.5-2.0

Tot Ion: 43 Resp: 7181

Ion Ratio Lower Upper

43 100

72 28.8 24.1 36.1



#33

1,2-Dichloroethane-d4

Concen: 53.328 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010660.D

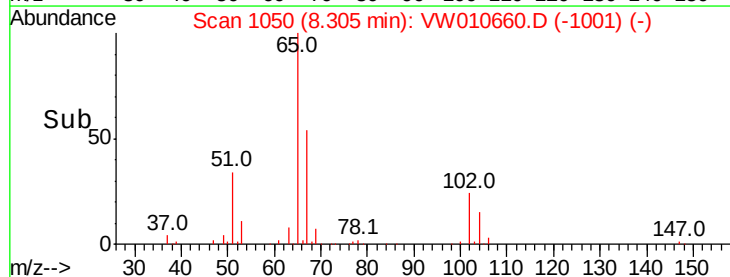
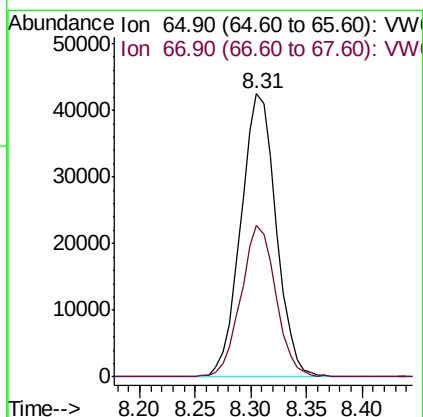
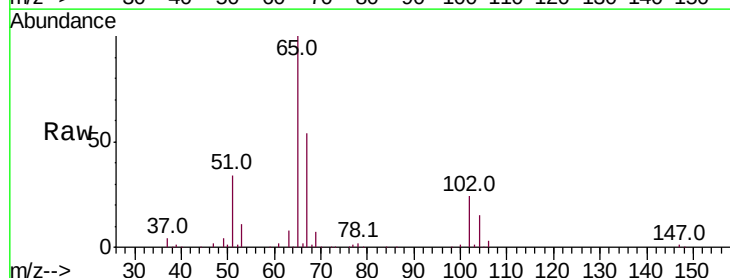
Acq: 03 Jun 2019 15:33

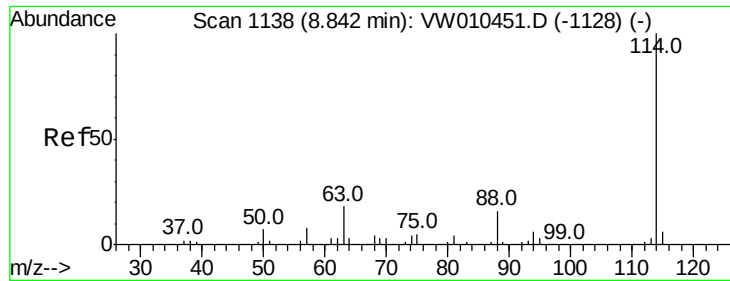
Tgt Ion: 65 Resp: 93563

Ion Ratio Lower Upper

65 100

67 52.9 0.0 103.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010660.D

Acq: 03 Jun 2019 15:33

Instrument :

MSVOA_W

ClientSampleId :

B-10-1.5-2.0

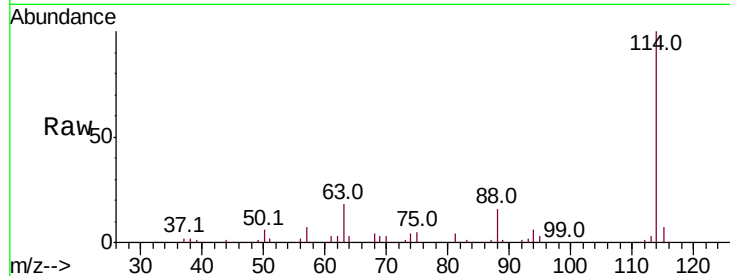
Tot Ion:114 Resp: 292044

Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.0

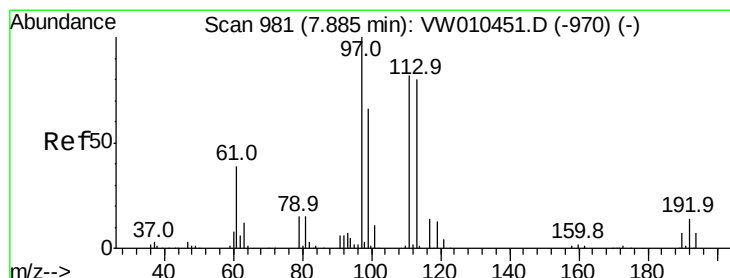
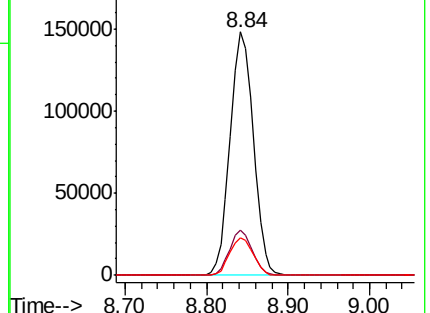
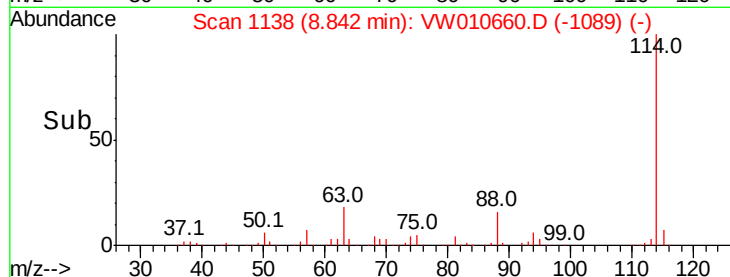
88 15.6 0.0 32.0



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: 50.431 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010660.D

Acq: 03 Jun 2019 15:33

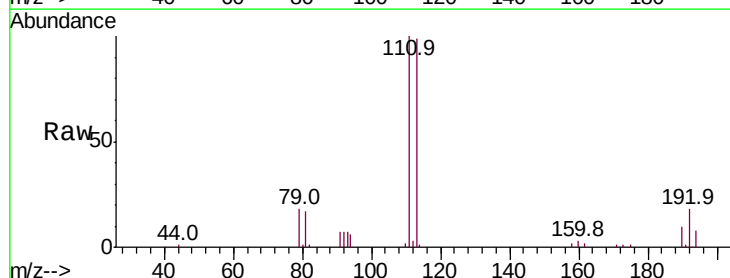
Tgt Ion:113 Resp: 89367

Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

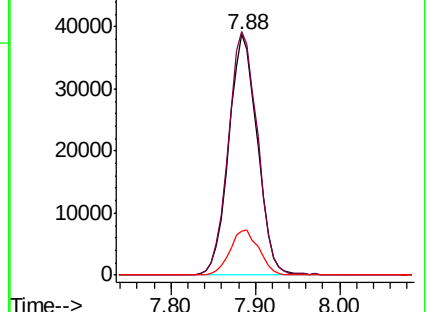
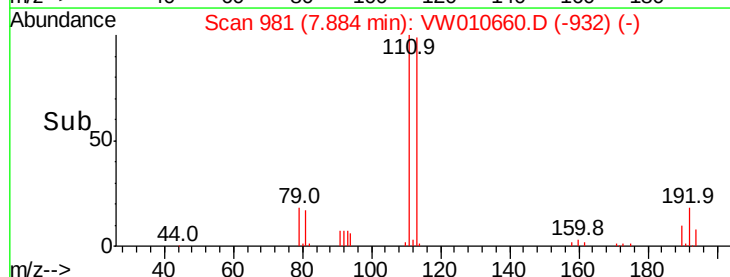
192 18.9 14.3 21.5

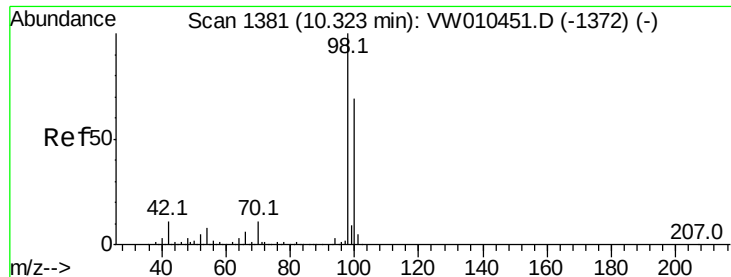


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.226 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010660.D

Acq: 03 Jun 2019 15:33

Instrument :

MSVOA_W

ClientSampleId :

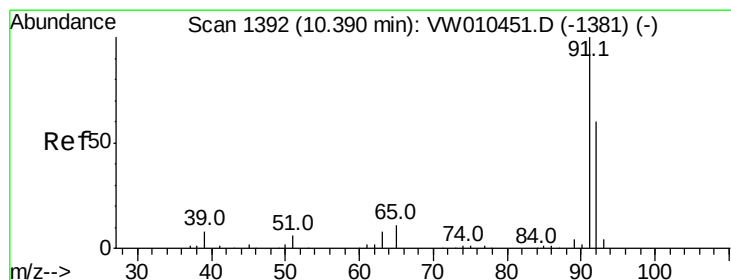
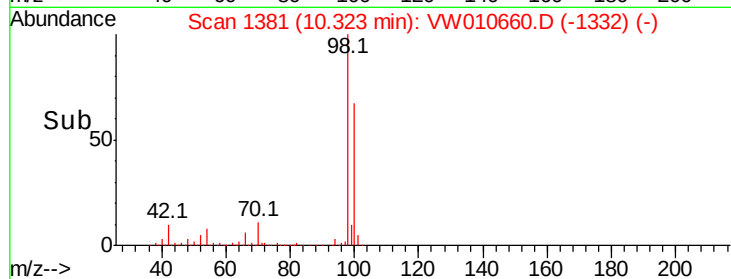
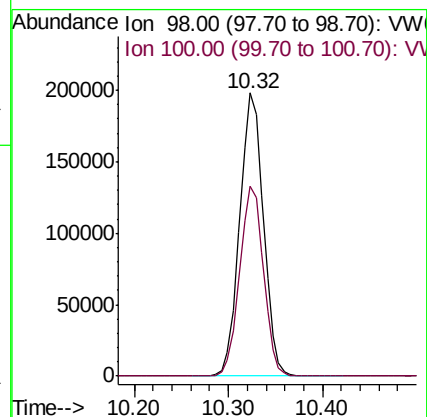
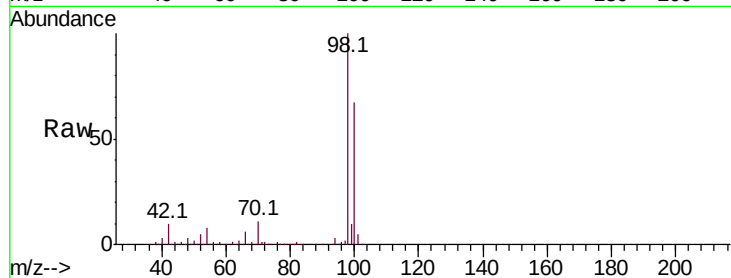
B-10-1.5-2.0

Tot Ion: 98 Resp: 346786

Ion Ratio Lower Upper

98 100

100 67.3 53.7 80.5



#52

Toluene

Concen: 2.789 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010660.D

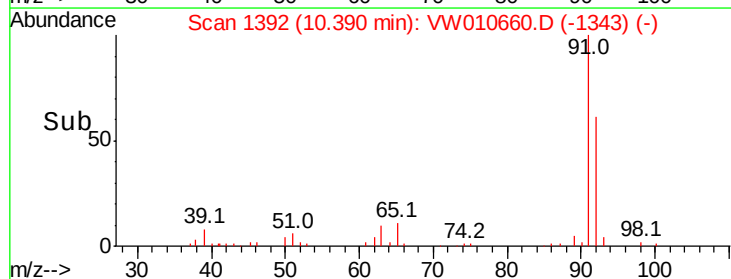
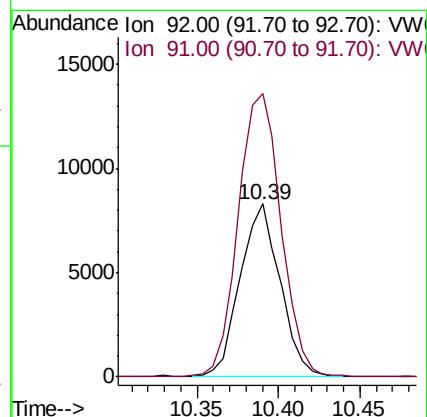
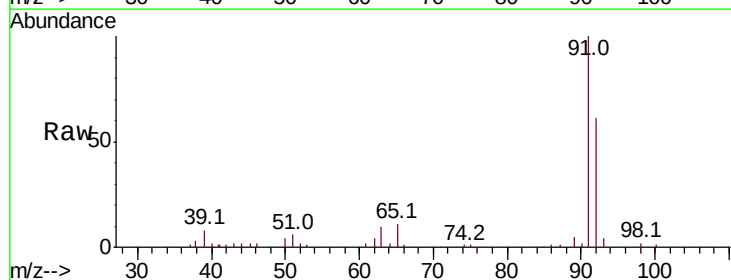
Acq: 03 Jun 2019 15:33

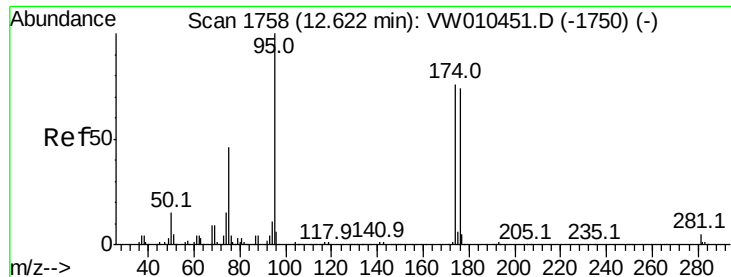
Tgt Ion: 92 Resp: 14163

Ion Ratio Lower Upper

92 100

91 175.1 135.4 203.0





#62

4-Bromofluorobenzene

Concen: 46.142 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010660.D

Acq: 03 Jun 2019 15:33

Instrument :

MSVOA_W

ClientSampleId :

B-10-1.5-2.0

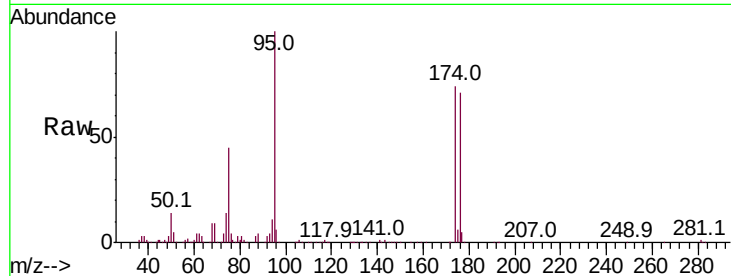
Tot Ion: 95 Resp: 124420

Ion Ratio Lower Upper

95 100

174 75.2 0.0 148.6

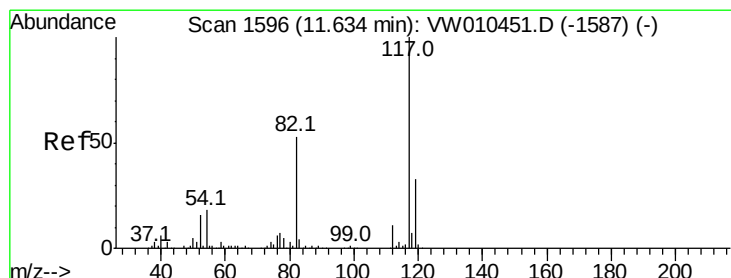
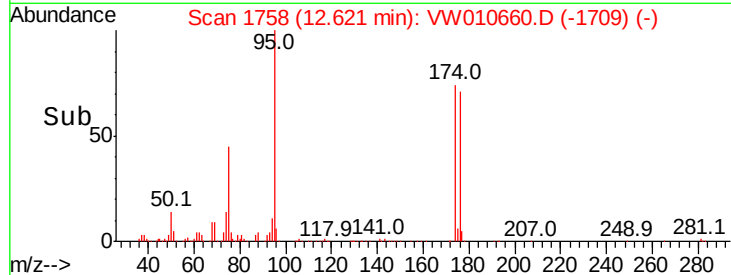
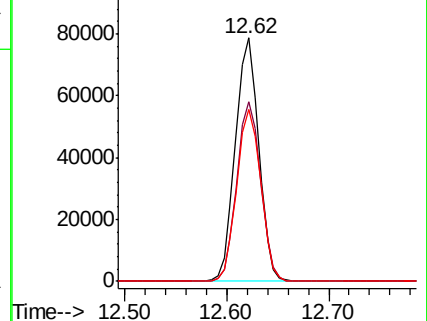
176 72.5 0.0 144.2



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: VW010660.D

Acq: 03 Jun 2019 15:33

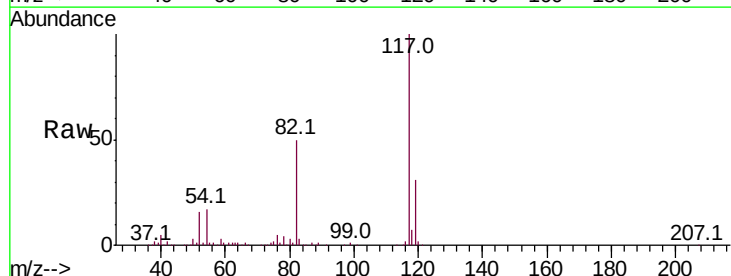
Tgt Ion: 117 Resp: 252759

Ion Ratio Lower Upper

117 100

82 50.3 42.8 64.2

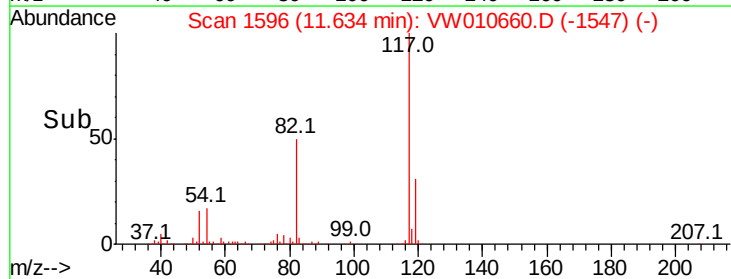
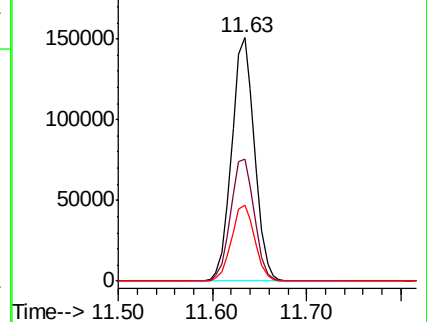
119 31.1 26.3 39.5

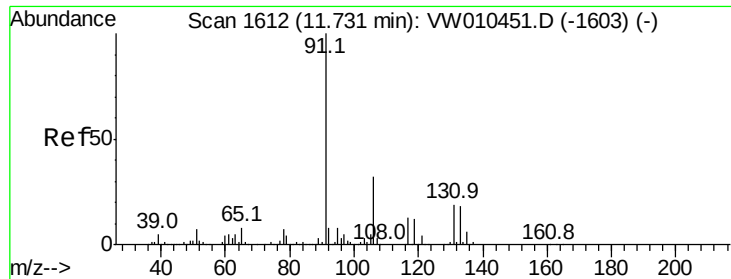


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

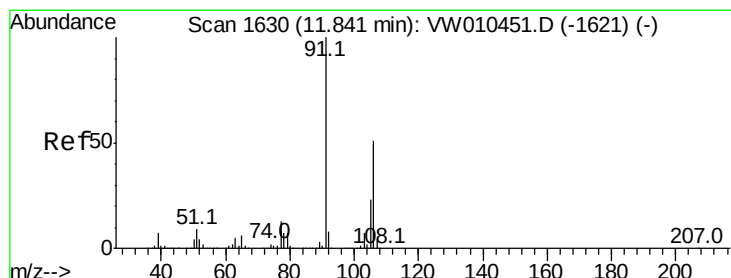
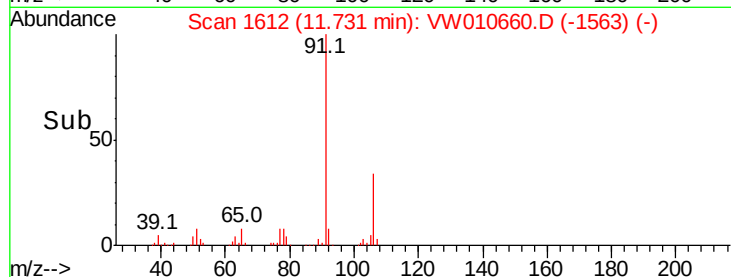
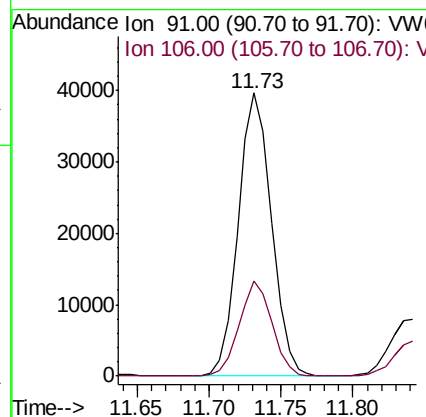
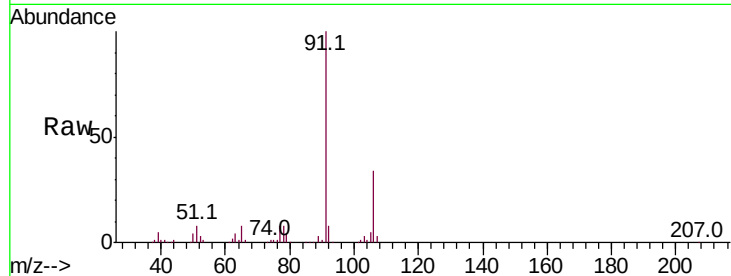




#67
Ethyl Benzene
Concen: 6.695 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010660.D
Acq: 03 Jun 2019 15:33

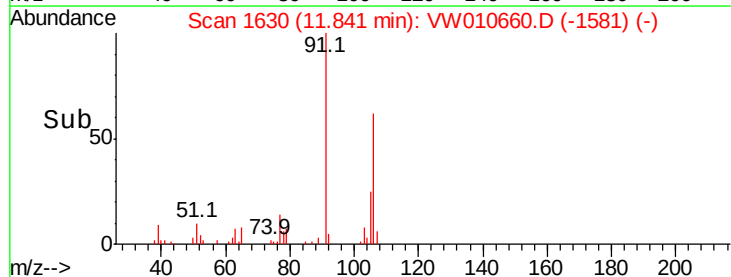
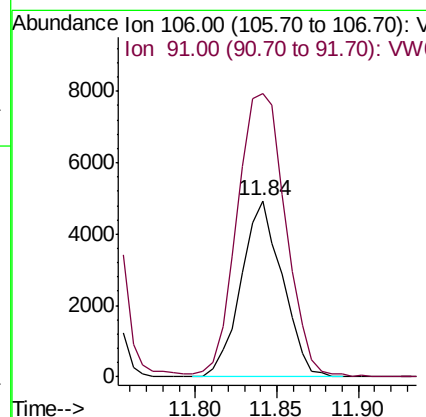
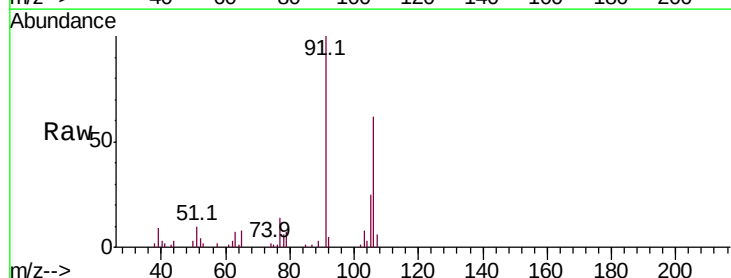
Instrument :
MSVOA_W
ClientSampled :
B-10-1.5-2.0

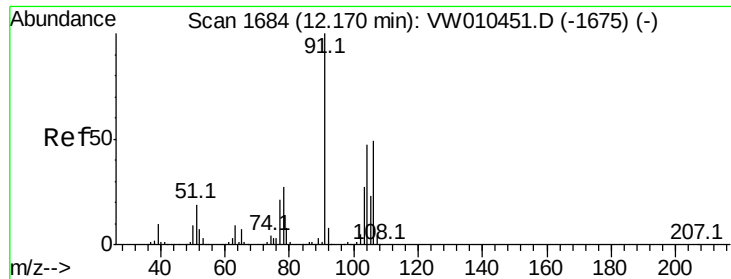
Tot Ion: 91 Resp: 63675
Ion Ratio Lower Upper
91 100
106 33.7 25.9 38.9



#68
m/p-Xylenes
Concen: 2.323 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010660.D
Acq: 03 Jun 2019 15:33

Tgt Ion: 106 Resp: 8666
Ion Ratio Lower Upper
106 100
91 190.4 156.0 234.0

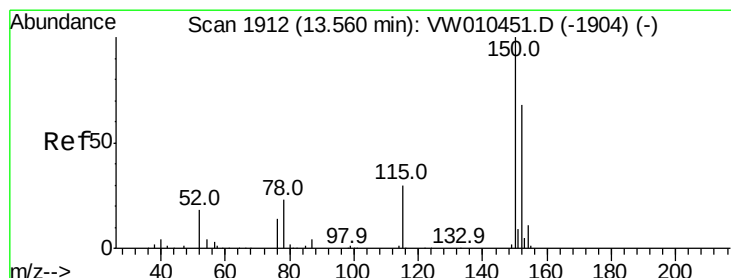
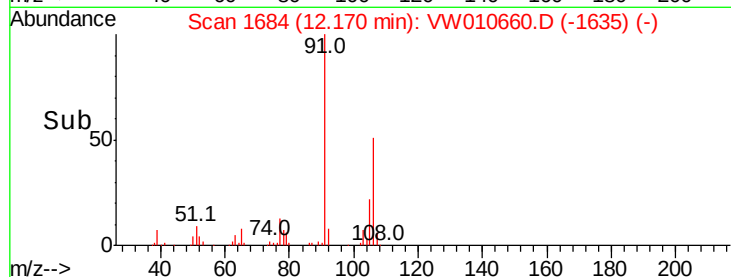
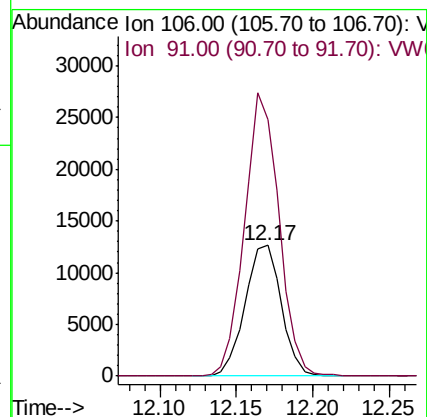
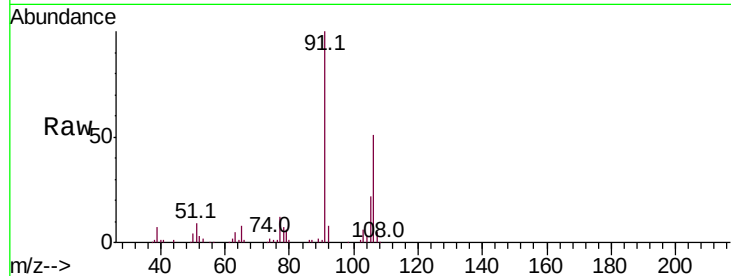




#69
o-Xylene
Concen: 5.923 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW010660.D
Acq: 03 Jun 2019 15:33

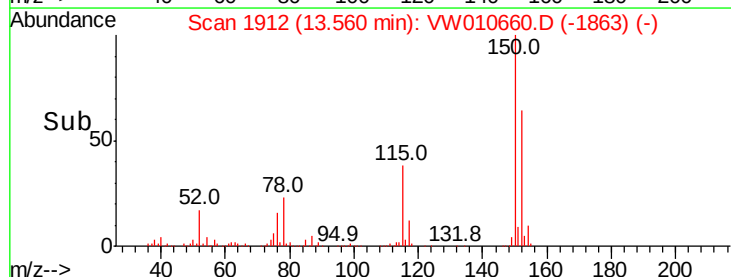
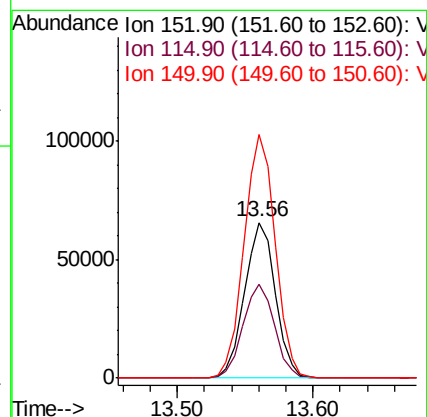
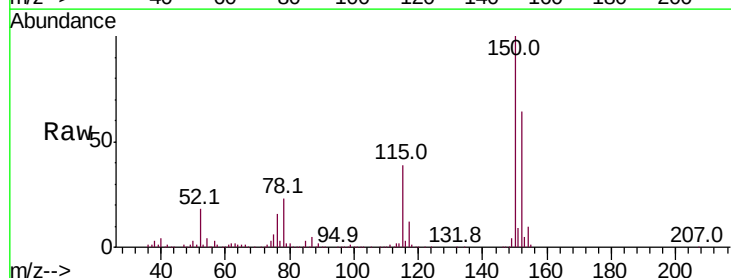
Instrument :
MSVOA_W
ClientSampleId :
B-10-1.5-2.0

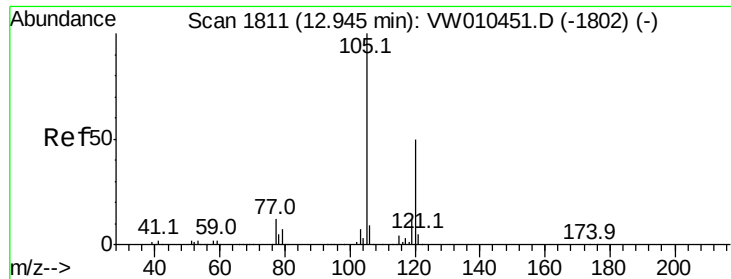
Tot Ion:106 Resp: 20933
Ion Ratio Lower Upper
106 100
91 205.0 103.2 309.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010660.D
Acq: 03 Jun 2019 15:33

Tgt Ion:152 Resp: 103763
Ion Ratio Lower Upper
152 100
115 62.1 30.3 91.0
150 159.3 0.0 349.8

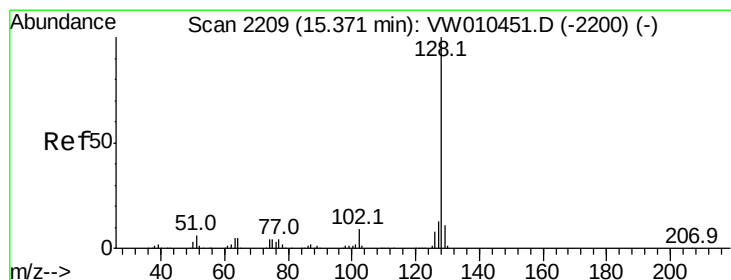
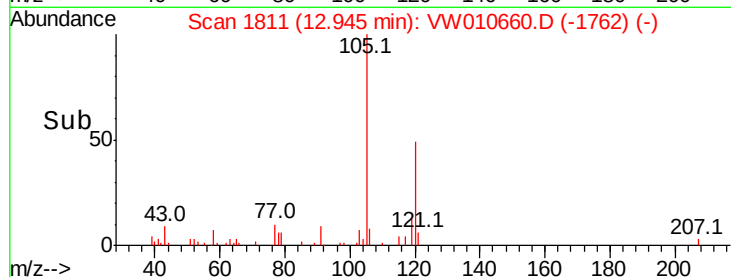
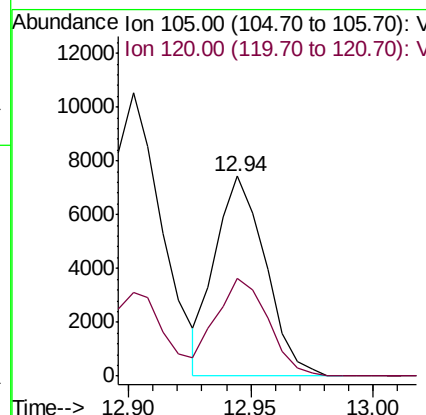
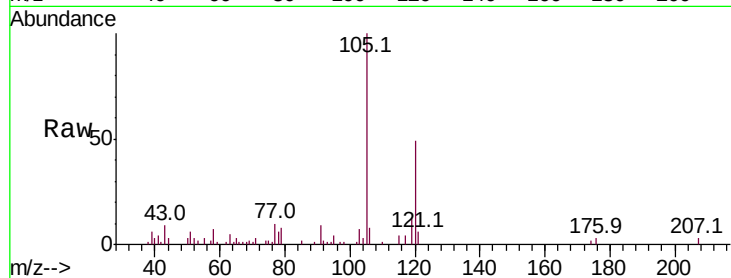




#80
 1,3,5-Trimethylbenzene
 Concen: 1.522 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW010660.D
 Acq: 03 Jun 2019 15:33

Instrument :
 MSVOA_W
 ClientSampled :
 B-10-1.5-2.0

Tot Ion:105 Resp: 10616
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.2 75.6



#95
 Naphthalene
 Concen: 1.946 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: VW010660.D
 Acq: 03 Jun 2019 15:33

Tgt Ion:128 Resp: 9154
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.6 15.8
 129 11.3 8.9 13.3

