

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061019\
 Data File : VW010758.D
 Acq On : 10 Jun 2019 21:12
 Operator : SY/VA
 Sample : K3274-03
 Misc : 4.61G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-12 0.5-1.0 060719

Quant Time: Jun 11 07:20:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

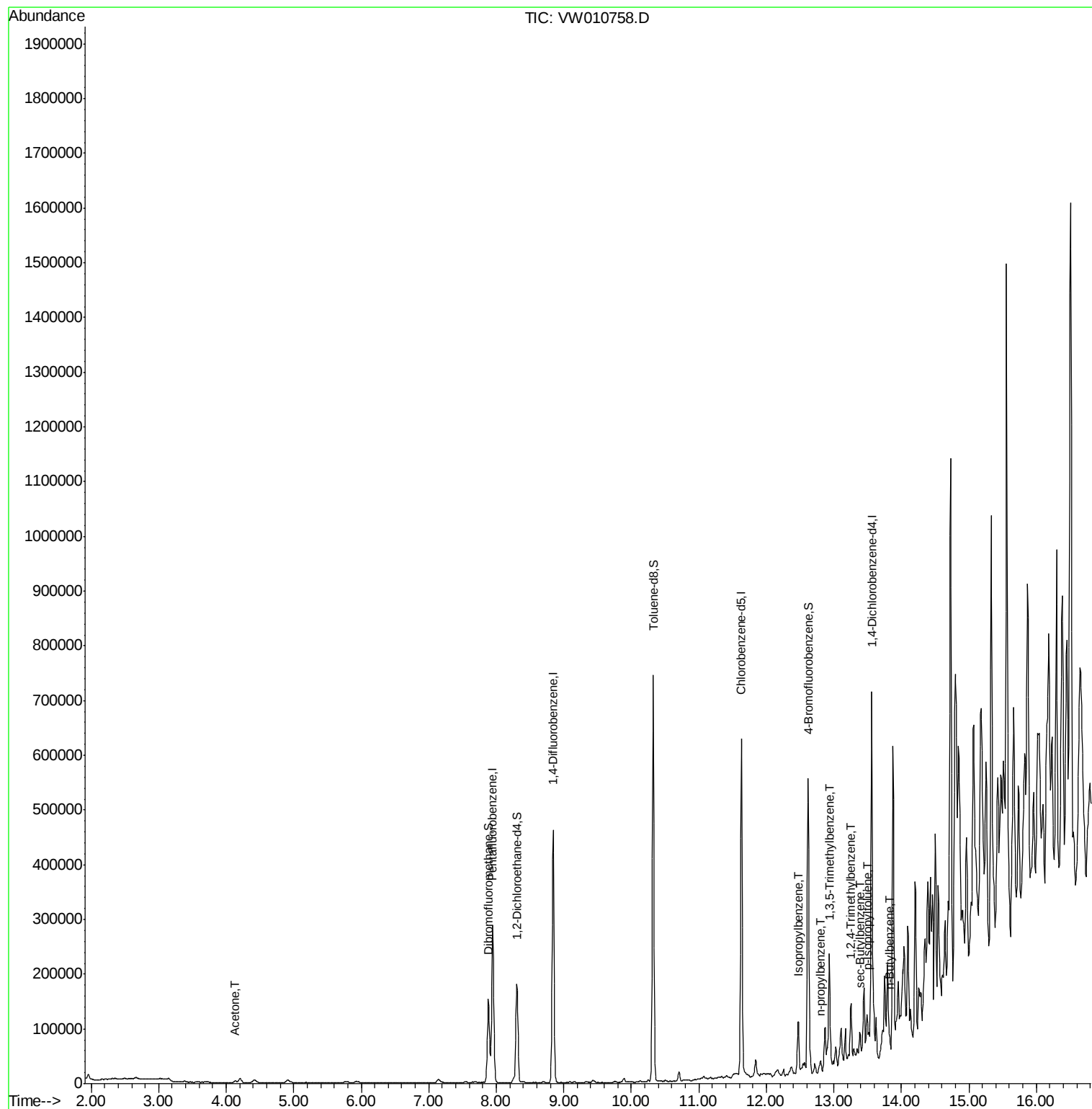
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	206317	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	359624	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	318293	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	143259	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	143427	58.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.96%	
35) Dibromofluoromethane	7.88	113	106583	54.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.20%	
50) Toluene-d8	10.32	98	469707	54.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.74%	
62) 4-Bromofluorobenzene	12.62	95	169428	54.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.80%	
Target Compounds						
16) Acetone	4.13	43	6520	10.006	ug/l	96
73) Isopropylbenzene	12.47	105	10998	1.022	ug/l	90
78) n-propylbenzene	12.80	91	16808	1.295	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	17383	1.973	ug/l	95
84) 1,2,4-Trimethylbenzene	13.26	105	60892	6.867	ug/l	100
85) sec-Butylbenzene	13.39	105	31580	2.900	ug/l	91
86) p-Isopropyltoluene	13.50	119	18829	1.934	ug/l	99
89) n-Butylbenzene	13.83	91	15296	1.575	ug/l #	72

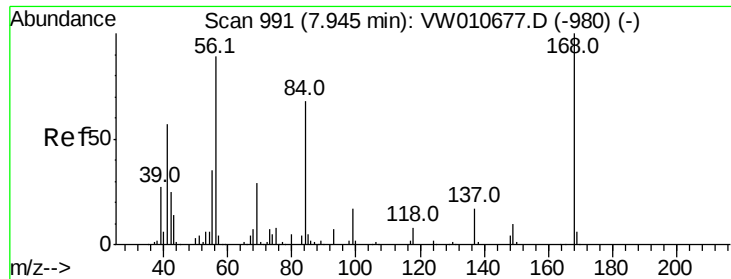
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061019\
Data File : VW010758.D
Acq On : 10 Jun 2019 21:12
Operator : SY/VA
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Instrument :
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SB-12 0.5-1.0 060719

Quant Time: Jun 11 07:20:16 2019
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Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW010758.D

Acq: 10 Jun 2019 21:12

Instrument :

MSVOA_W

ClientSampleId :

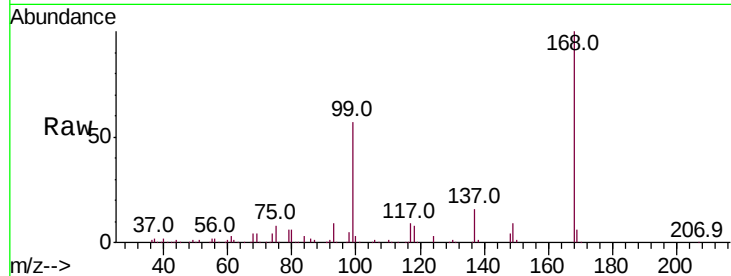
SB-12 0.5-1.0 060719

Tot Ion:168 Resp: 206317

Ion Ratio Lower Upper

168 100

99 57.4 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

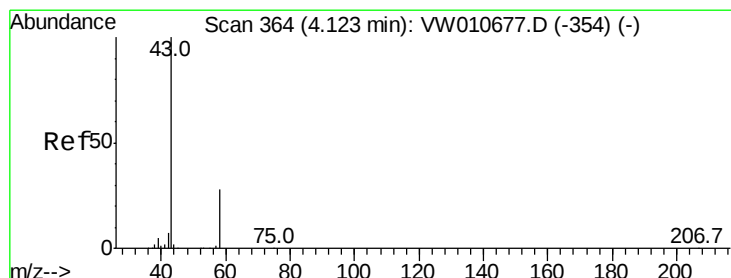
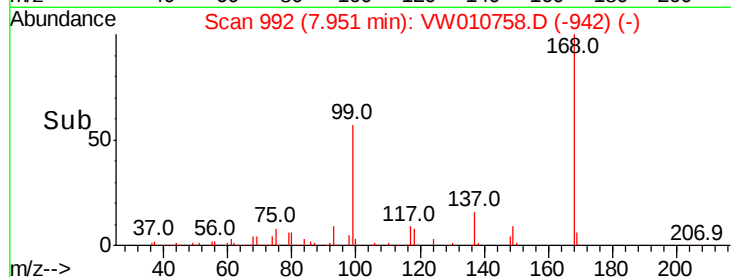
40000

20000

0

Time-->

7.90 8.00



#16

Acetone

Concen: 10.006 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010758.D

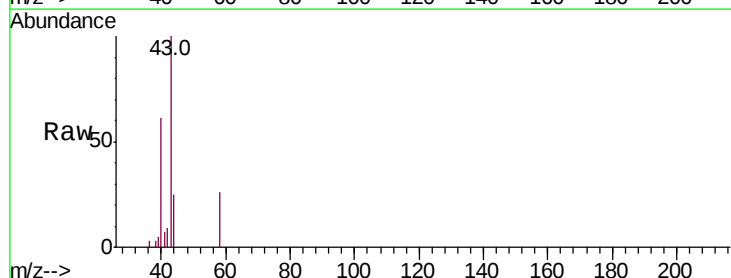
Acq: 10 Jun 2019 21:12

Tgt Ion: 43 Resp: 6520

Ion Ratio Lower Upper

43 100

58 25.7 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

2500

2000

1500

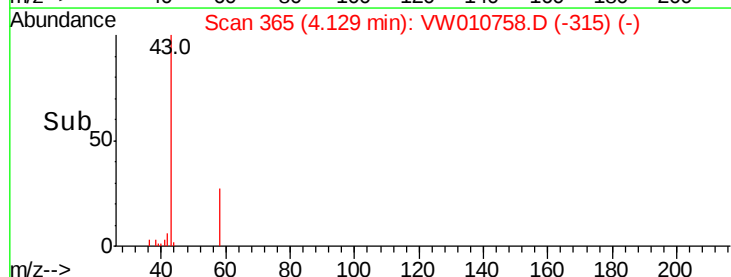
1000

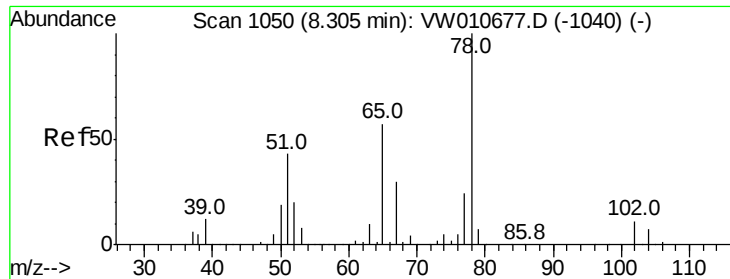
500

0

Time-->

4.00 4.10 4.20





#33

1,2-Dichloroethane-d4

Concen: 58.980 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010758.D

Acq: 10 Jun 2019 21:12

Instrument :

MSVOA_W

ClientSampleId :

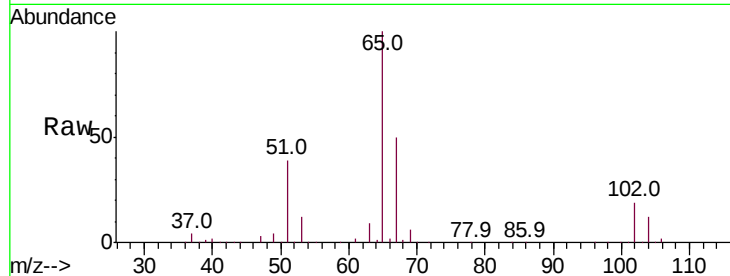
SB-12 0.5-1.0 060719

Tot Ion: 65 Resp: 143427

Ion Ratio Lower Upper

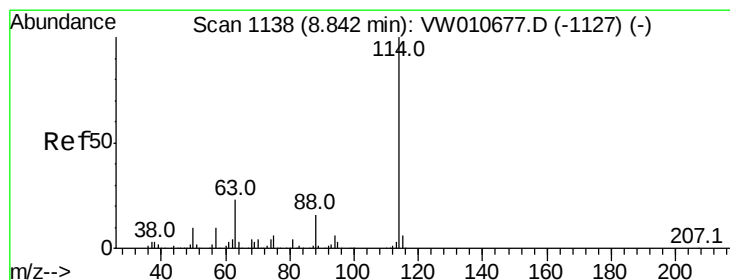
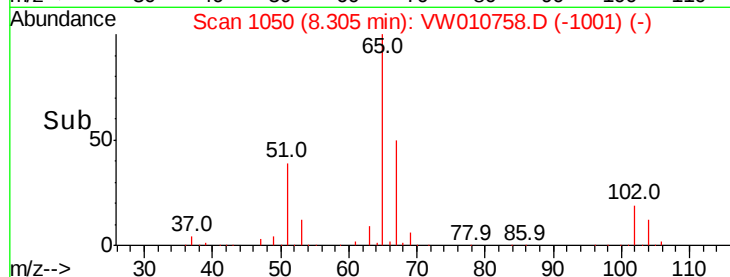
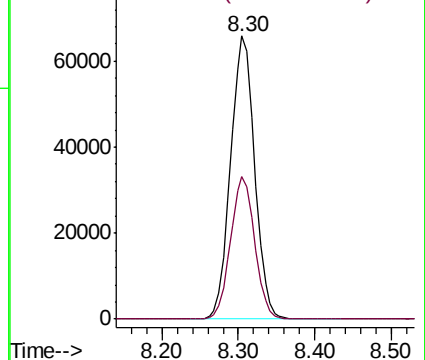
65 100

67 50.2 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010758.D

Acq: 10 Jun 2019 21:12

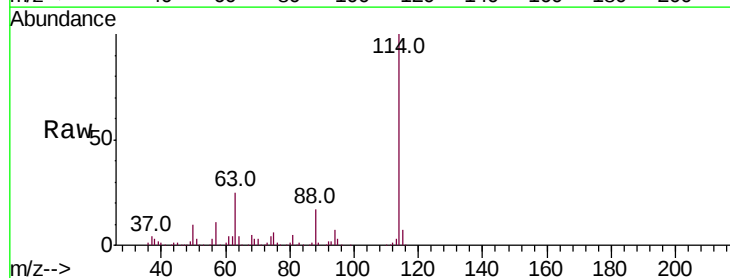
Tgt Ion:114 Resp: 359624

Ion Ratio Lower Upper

114 100

63 25.3 0.0 46.4

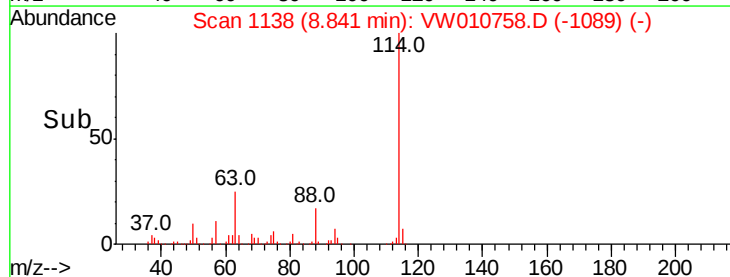
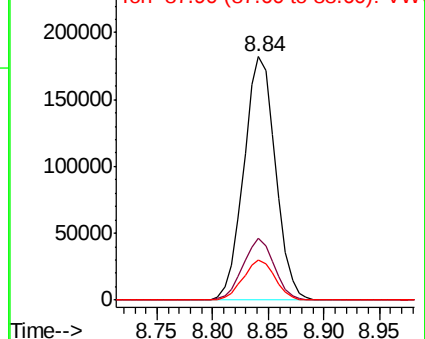
88 16.6 0.0 32.2

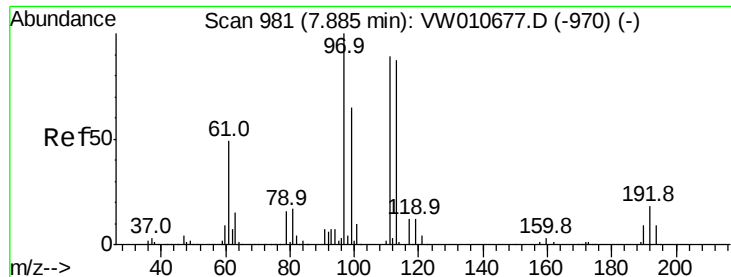


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

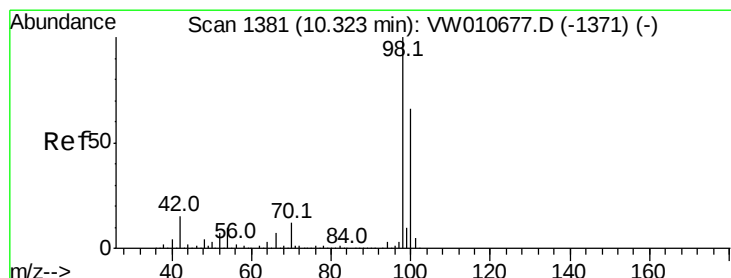
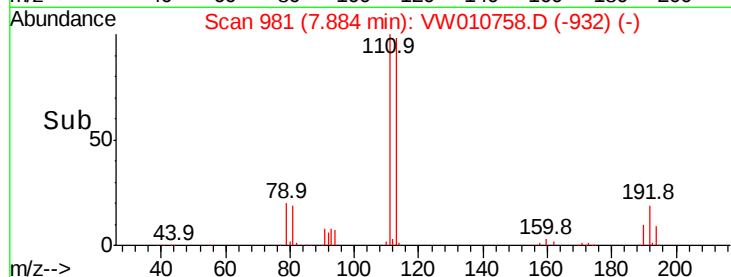
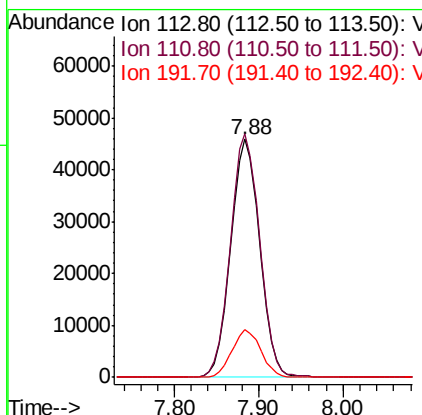
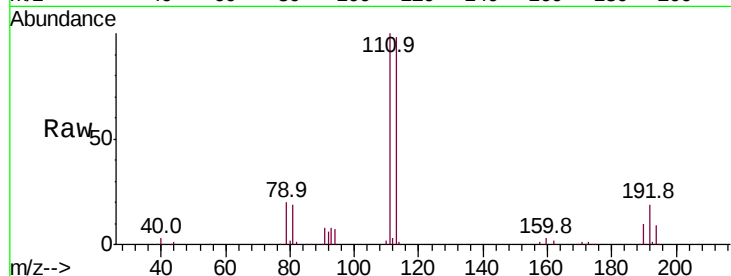




#35
 Dibromofluoromethane
 Concen: 54.603 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010758.D
 Acq: 10 Jun 2019 21:12

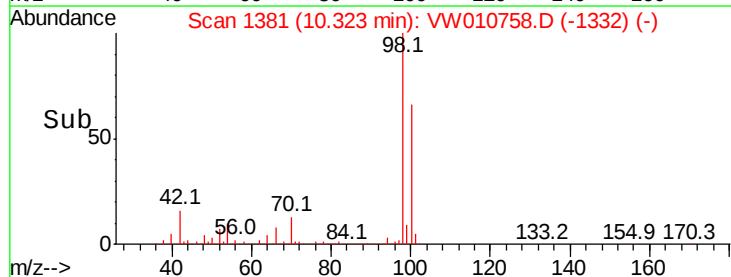
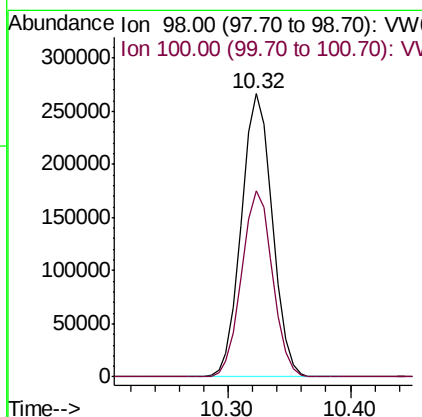
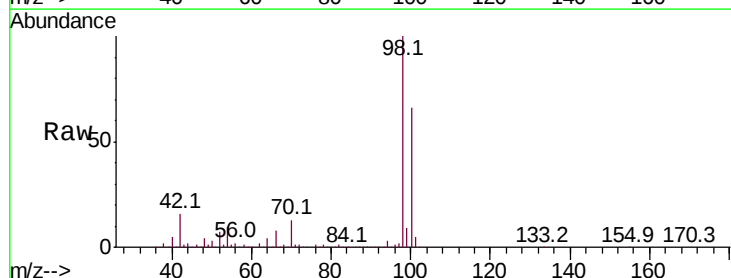
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-12 0.5-1.0 060719

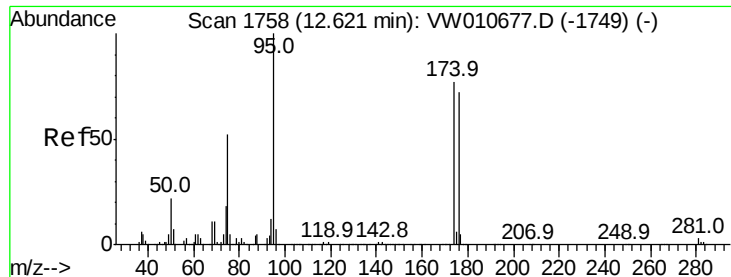
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.6	123.8
192	19.7	16.4	24.6



#50
 Toluene-d8
 Concen: 54.875 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW010758.D
 Acq: 10 Jun 2019 21:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.0	79.6





#62

4-Bromofluorobenzene

Concen: 54.396 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010758.D

Acq: 10 Jun 2019 21:12

Instrument :

MSVOA_W

ClientSampleId :

SB-12 0.5-1.0 060719

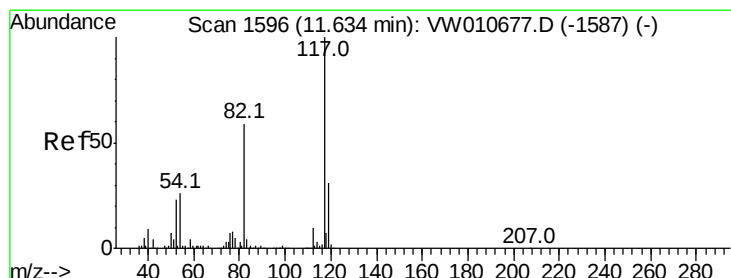
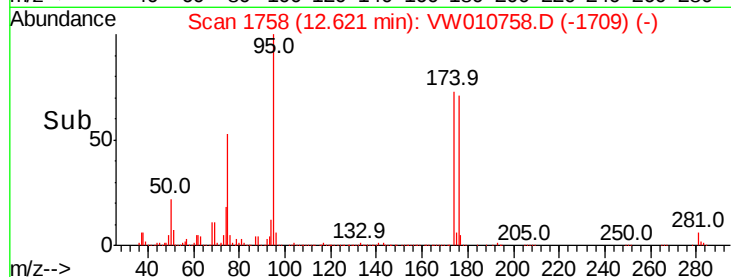
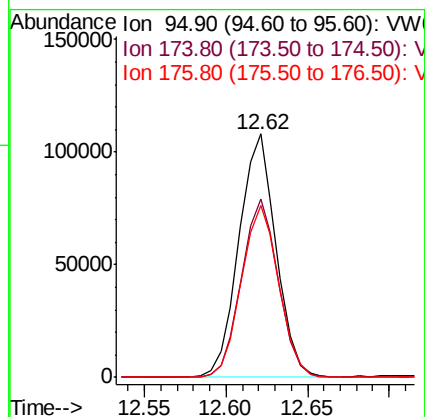
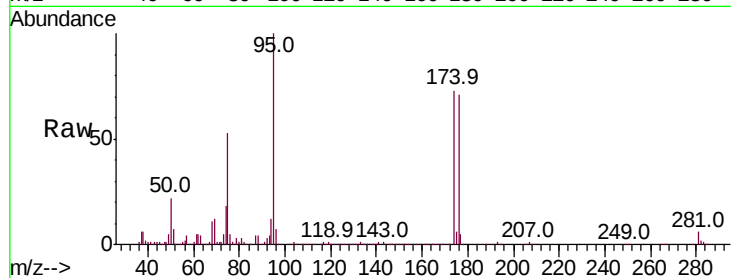
Tot Ion: 95 Resp: 169428

Ion Ratio Lower Upper

95 100

174 73.8 0.0 150.4

176 71.9 0.0 144.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW010758.D

Acq: 10 Jun 2019 21:12

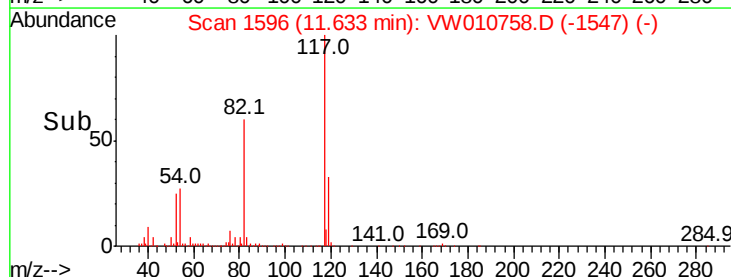
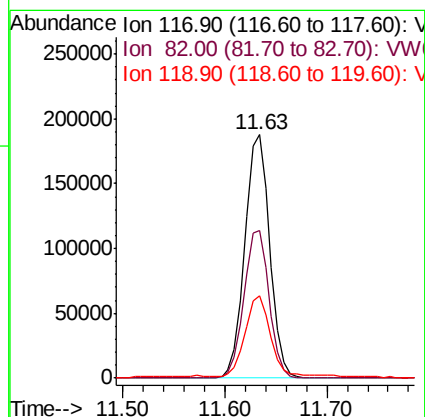
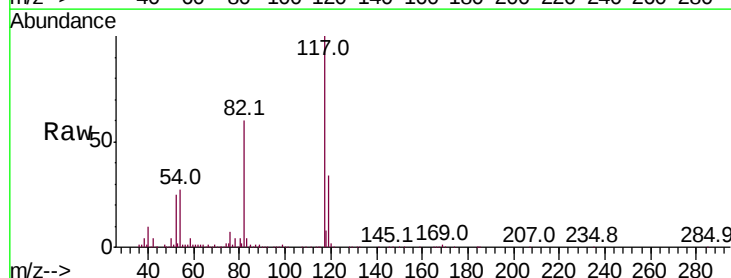
Tgt Ion: 117 Resp: 318293

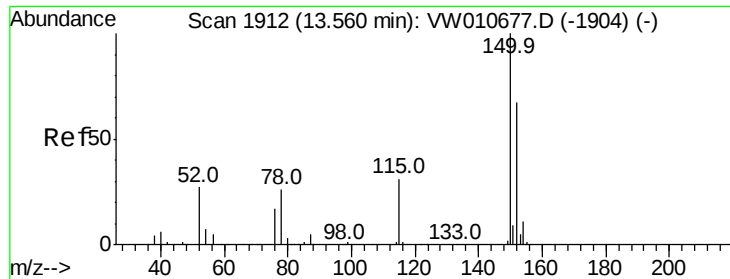
Ion Ratio Lower Upper

117 100

82 60.4 47.0 70.4

119 32.9 25.1 37.7



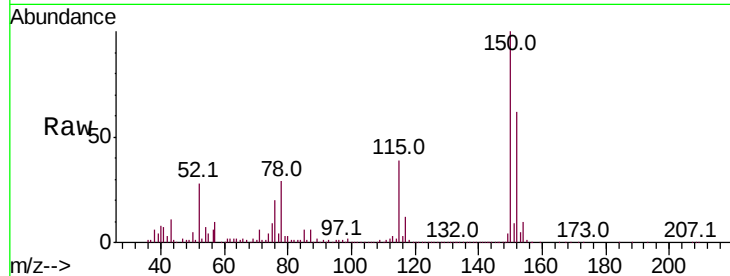


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010758.D
Acq: 10 Jun 2019 21:12

Instrument :
MSVOA_W
ClientSampleId :
SB-12 0.5-1.0 060719

Tot Ion	Ratio	Lower	Upper
152	100		
115	61.6	29.8	89.3
150	158.9	0.0	345.0

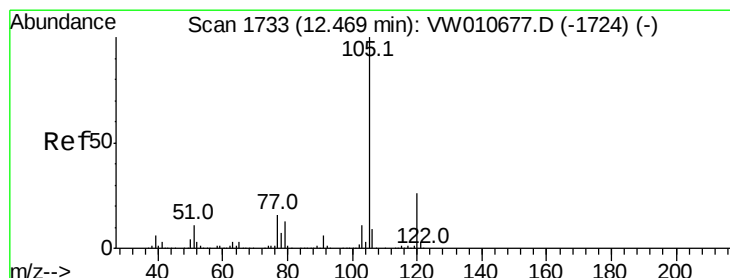
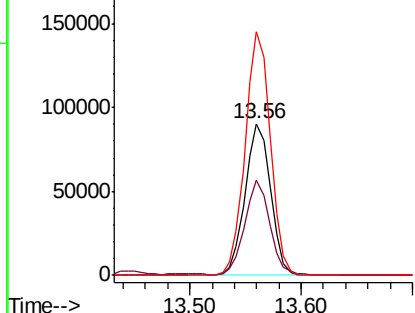
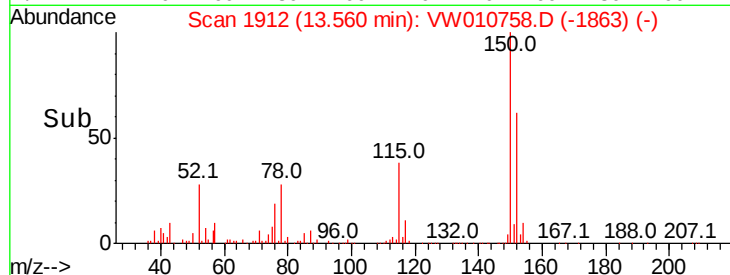


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

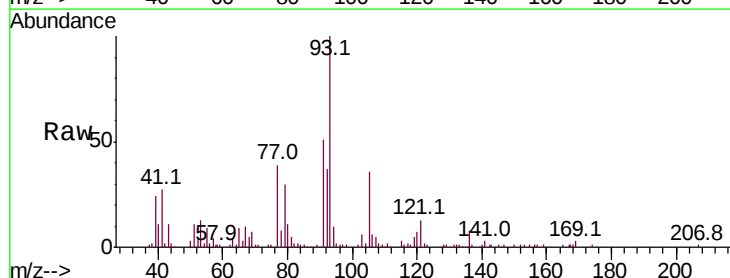
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene
Concen: 1.022 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW010758.D
Acq: 10 Jun 2019 21:12

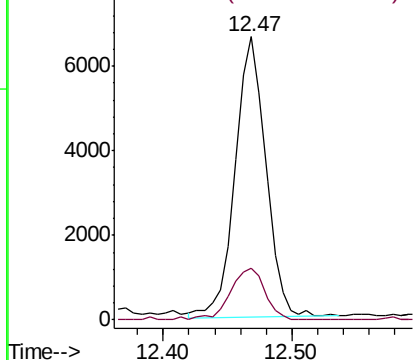
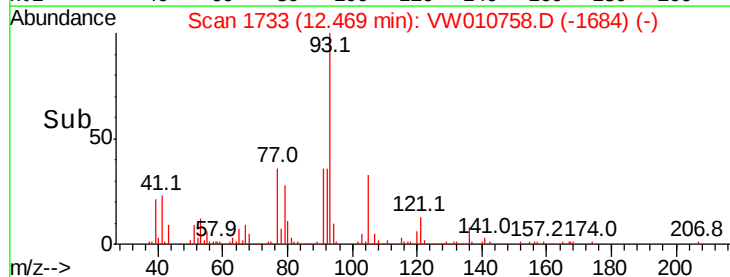
Tgt Ion	Ratio	Lower	Upper
105	100		
120	20.8	13.1	39.1

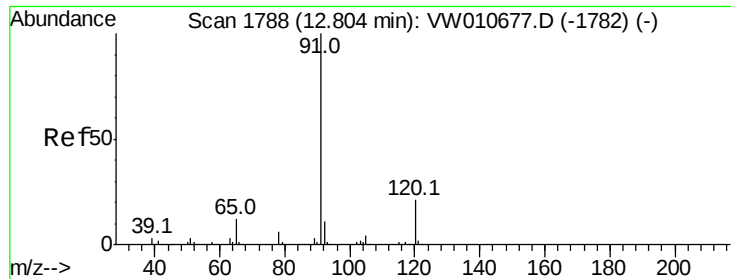


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 1.295 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW010758.D

Acq: 10 Jun 2019 21:12

Instrument :

MSVOA_W

ClientSampleId :

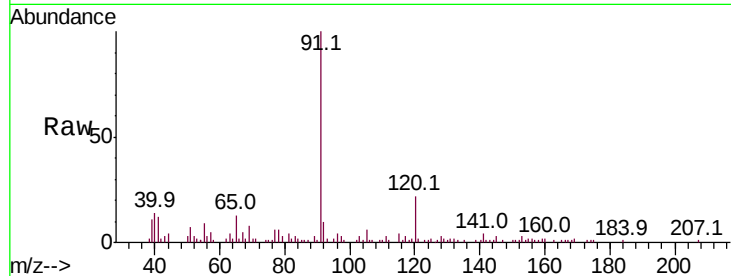
SB-12 0.5-1.0 060719

Tot Ion: 91 Resp: 16808

Ion Ratio Lower Upper

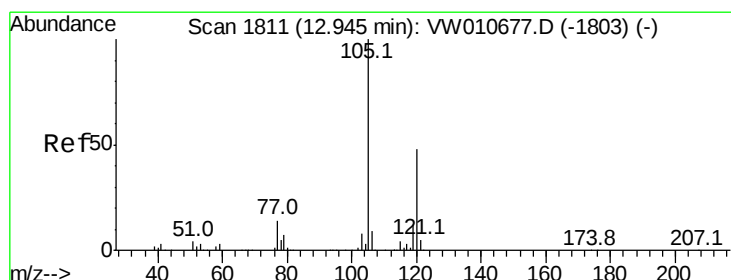
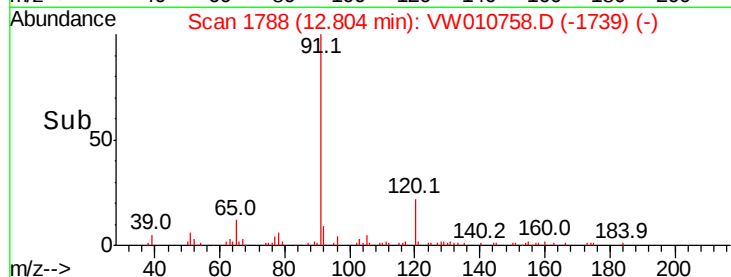
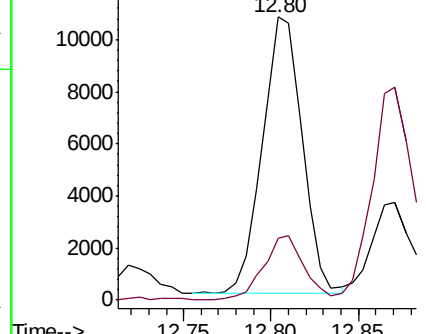
91 100

120 23.7 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V



#80

1,3,5-Trimethylbenzene

Concen: 1.973 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010758.D

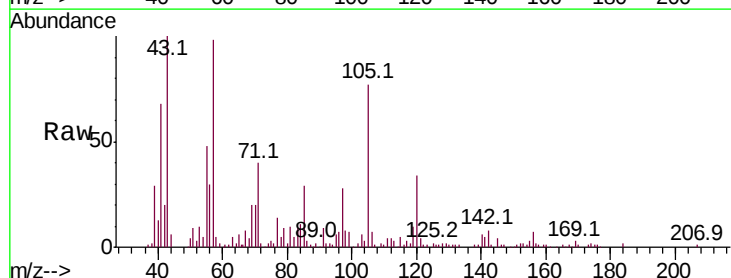
Acq: 10 Jun 2019 21:12

Tgt Ion: 105 Resp: 17383

Ion Ratio Lower Upper

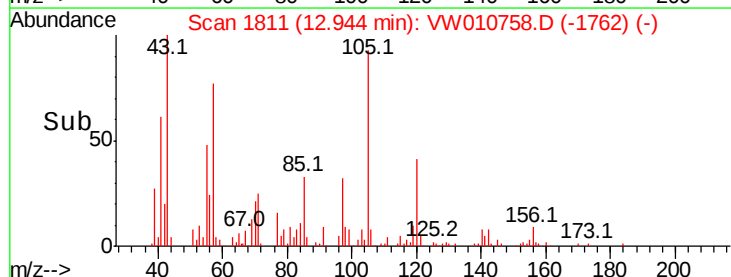
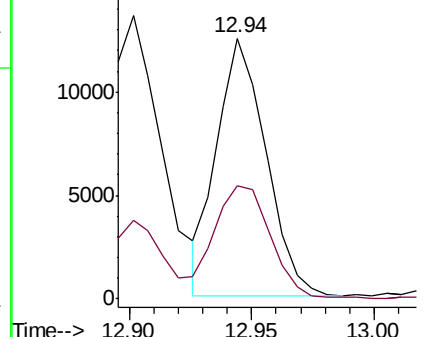
105 100

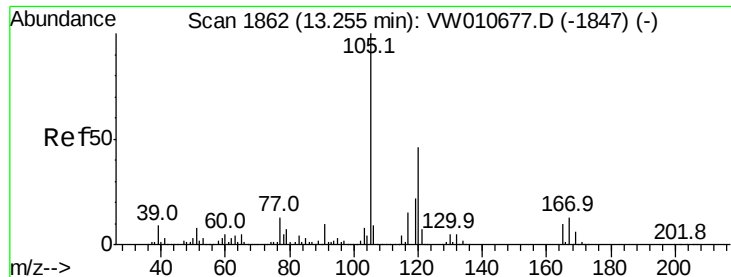
120 52.0 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

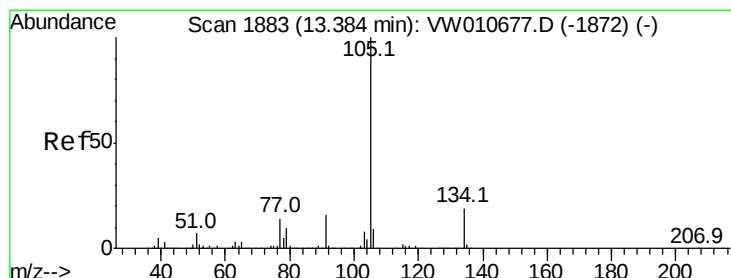
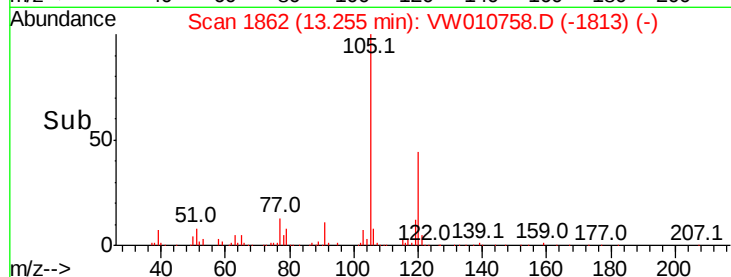
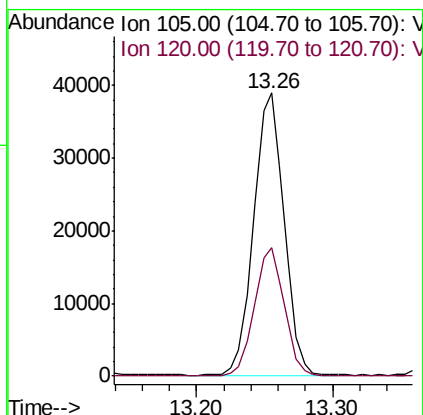
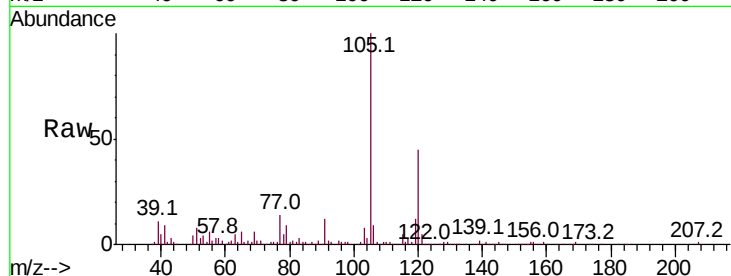




#84
 1,2,4-Trimethylbenzene
 Concen: 6.867 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW010758.D
 Acq: 10 Jun 2019 21:12

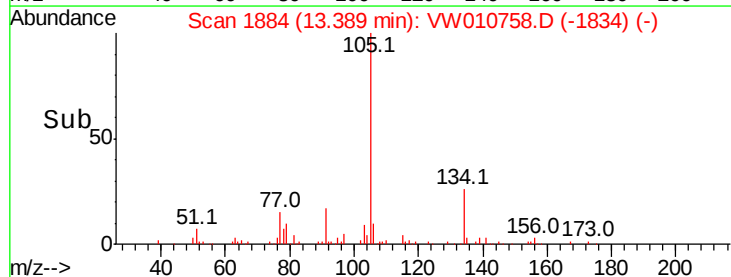
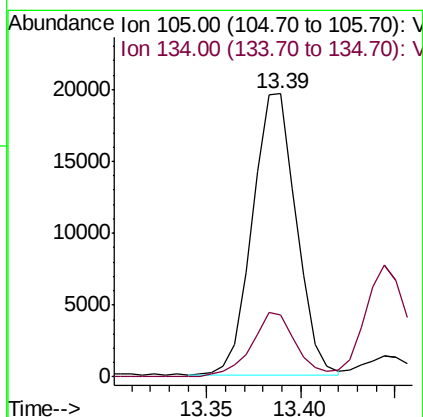
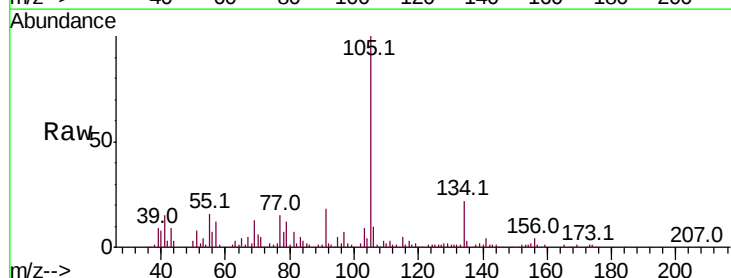
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-12 0.5-1.0 060719

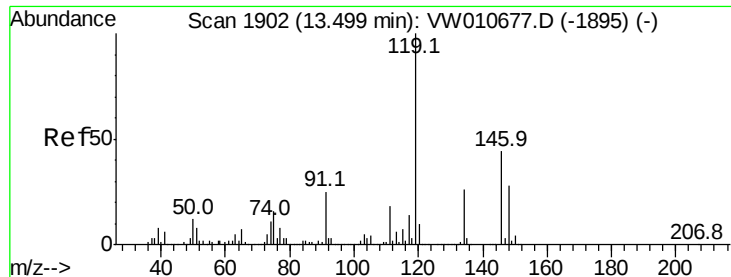
Tot Ion:105 Resp: 60892
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.5 67.5



#85
 sec-Butylbenzene
 Concen: 2.900 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.01 min
 Lab File: VW010758.D
 Acq: 10 Jun 2019 21:12

Tgt Ion:105 Resp: 31580
 Ion Ratio Lower Upper
 105 100
 134 23.2 9.7 28.9

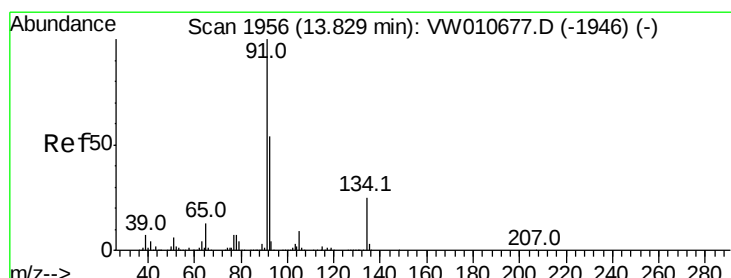
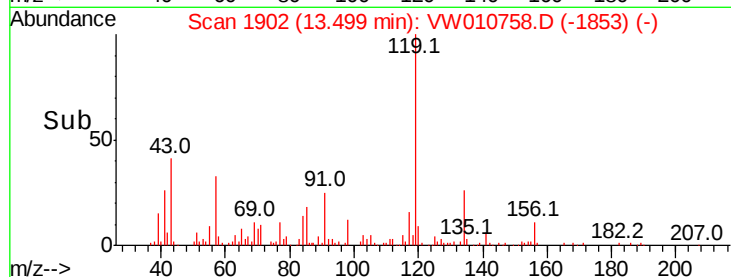
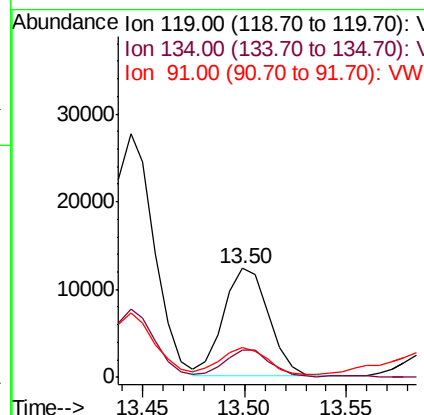
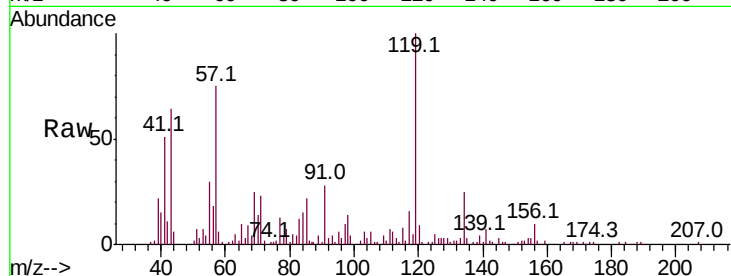




#86
p-Isopropyltoluene
Concen: 1.934 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.00 min
Lab File: VW010758.D
Acq: 10 Jun 2019 21:12

Instrument :
MSVOA_W
ClientSampleId :
SB-12 0.5-1.0 060719

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.4	13.0	39.0
91	24.8	12.2	36.4



#89
n-Butylbenzene
Concen: 1.575 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW010758.D
Acq: 10 Jun 2019 21:12

Tgt Ion	Ratio	Lower	Upper
91	100		
92	67.8	27.3	81.8
134	0.0	12.3	36.9#

