

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112019\
 Data File : VY000754.D
 Acq On : 20 Nov 2019 16:10
 Operator : SY/MD
 Sample : K5957-11
 Misc : 4.32G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-5-(12-14)

Quant Time: Nov 21 08:06:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	316573	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	547614	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	480417	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	216758	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	169463	51.73	ug/l	0.00
Spiked Amount			Recovery	=	103.46%	
35) Dibromofluoromethane	7.72	113	157410	48.96	ug/l	0.00
Spiked Amount			Recovery	=	97.92%	
50) Toluene-d8	10.18	98	634805	52.04	ug/l	0.00
Spiked Amount			Recovery	=	104.08%	
62) 4-Bromofluorobenzene	12.48	95	229816	49.49	ug/l	0.00
Spiked Amount			Recovery	=	98.98%	

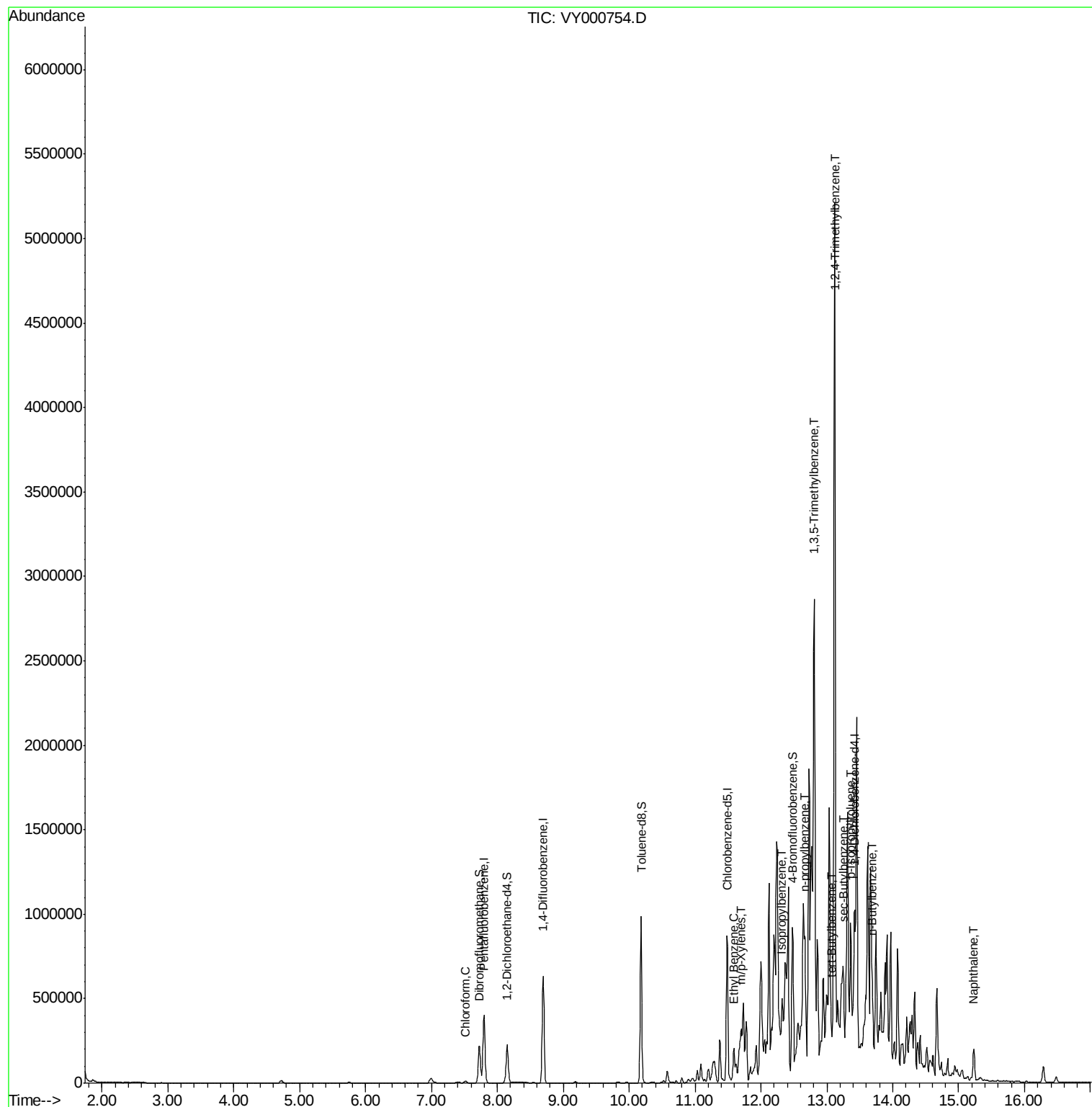
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
30) Chloroform	7.51	83	7839	1.280	ug/l	99
67) Ethyl Benzene	11.59	91	125421	6.996	ug/l	100
68) m/p-Xylenes	11.70	106	85979	12.392	ug/l	95
73) Isopropylbenzene	12.33	105	128996	8.052	ug/l	99
78) n-propylbenzene	12.67	91	527091	27.269	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	859515	64.420	ug/l	99
83) tert-Butylbenzene	13.07	119	20027	1.758	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	2727575	205.322	ug/l	99
85) sec-Butylbenzene	13.25	105	208129	12.823	ug/l #	70
86) p-Isopropyltoluene	13.36	119	224613	15.527	ug/l	99
89) n-Butylbenzene	13.69	91	216395	15.167	ug/l #	76
95) Naphthalene	15.23	128	153976	15.778	ug/l	98

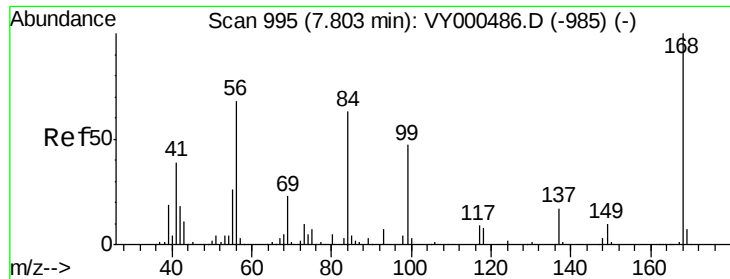
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY112019\
Data File : VY000754.D
Acq On : 20 Nov 2019 16:10
Operator : SY/MD
Sample : K5957-11
Misc : 4.32G/5ML/MSVOA Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MW-5-(12-14)

Quant Time: Nov 21 08:06:38 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000754.D

Acq: 20 Nov 2019 16:10

Instrument :

MSVOA_Y

ClientSampleId :

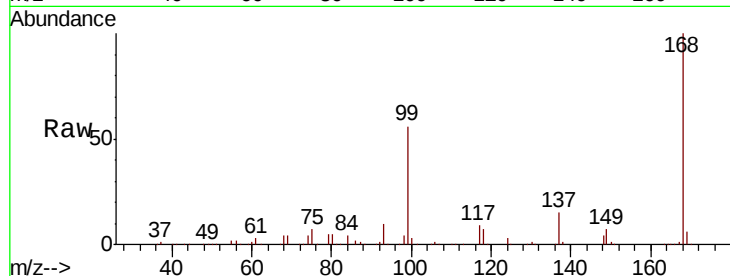
MW-5-(12-14)

Tot Ion:168 Resp: 316573

Ion Ratio Lower Upper

168 100

99 55.7 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000754.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000754.D (-946) (-)

7.80

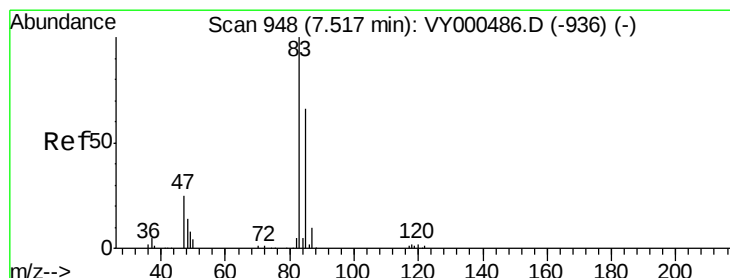
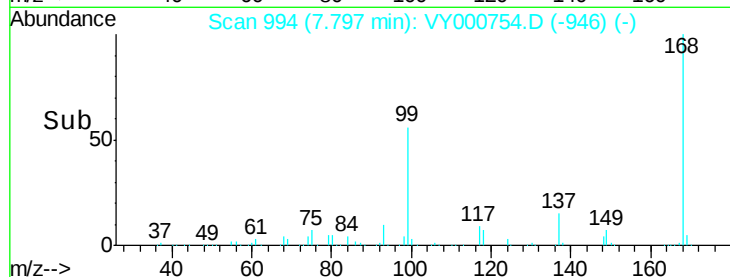
150000

100000

50000

0

Time-->



#30

Chloroform

Concen: 1.280 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY000754.D

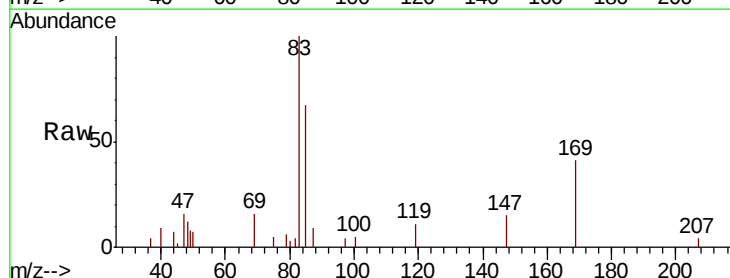
Acq: 20 Nov 2019 16:10

Tgt Ion: 83 Resp: 7839

Ion Ratio Lower Upper

83 100

85 66.7 53.0 79.4



Abundance Ion 82.90 (82.60 to 83.60): VY000754.D (-899) (-)

Ion 84.90 (84.60 to 85.60): VY000754.D (-899) (-)

7.51

4000

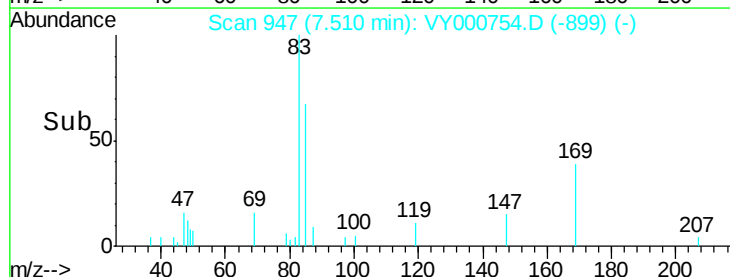
3000

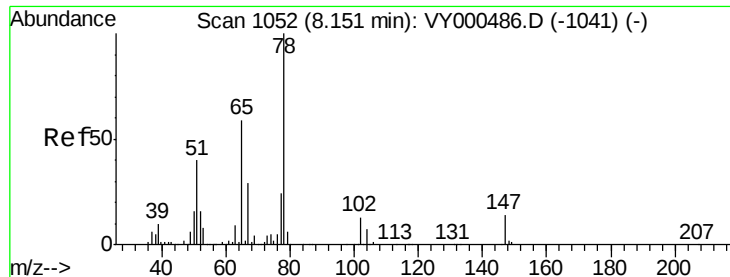
2000

1000

0

Time-->

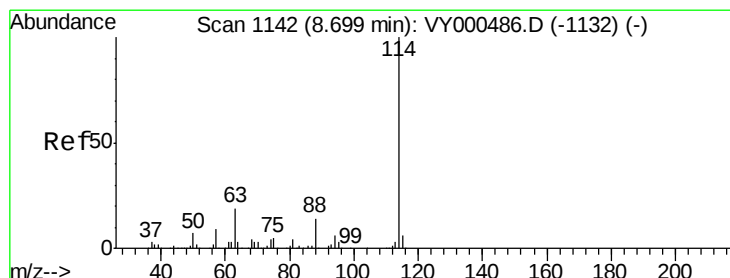
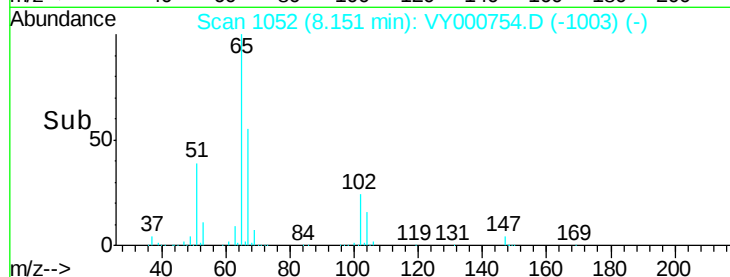
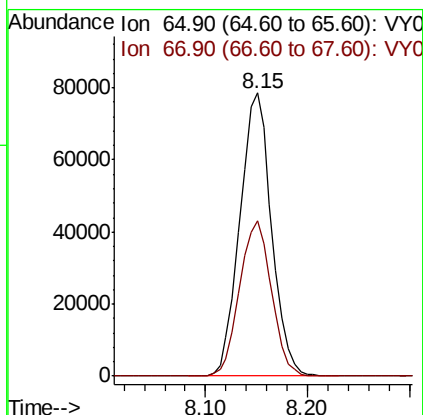
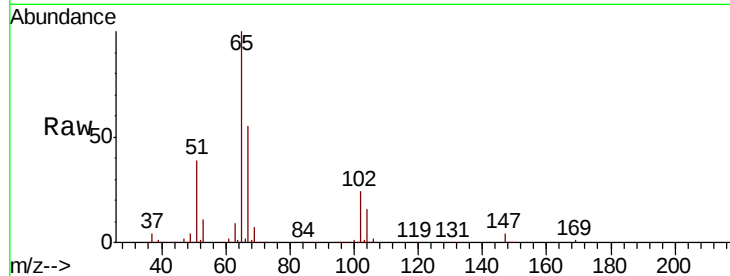




#33
 1,2-Dichloroethane-d4
 Concen: 51.727 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000754.D
 Acq: 20 Nov 2019 16:10

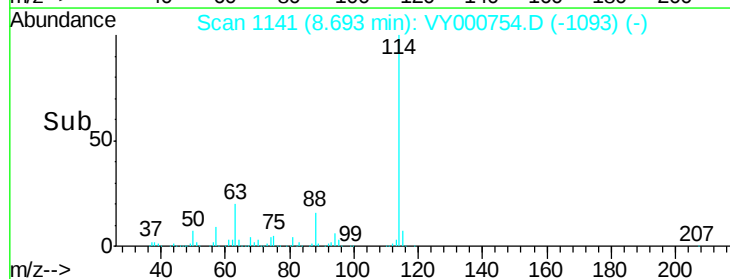
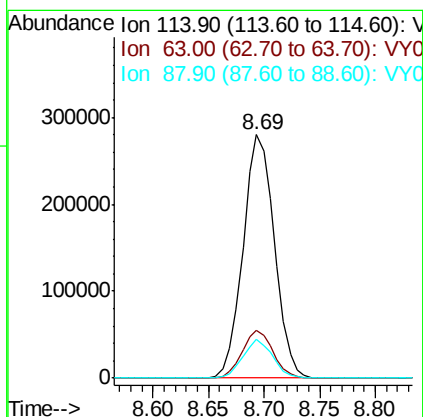
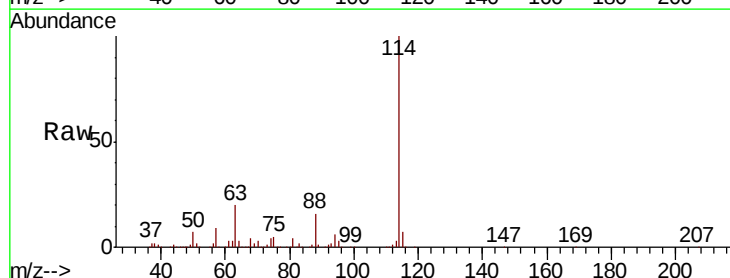
Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-5-(12-14)

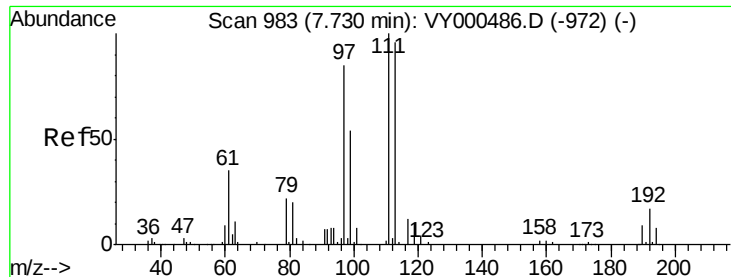
Tot Ion: 65 Resp: 169463
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000754.D
 Acq: 20 Nov 2019 16:10

Tgt Ion: 114 Resp: 547614
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.0
 88 15.9 0.0 28.6

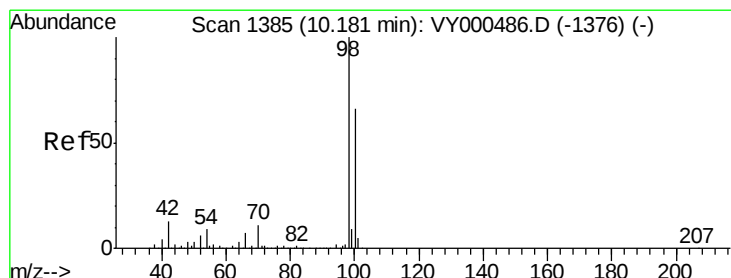
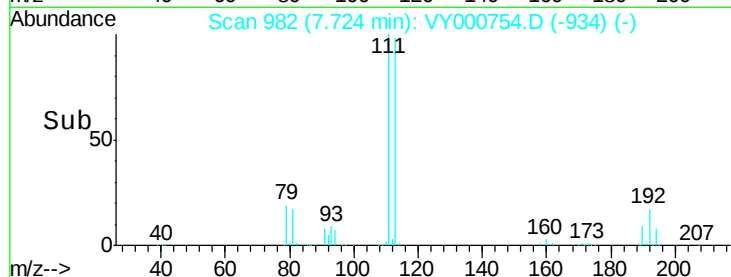
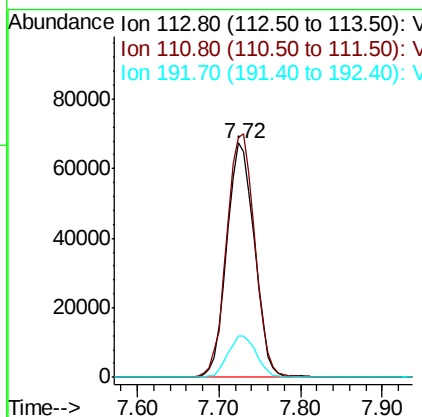
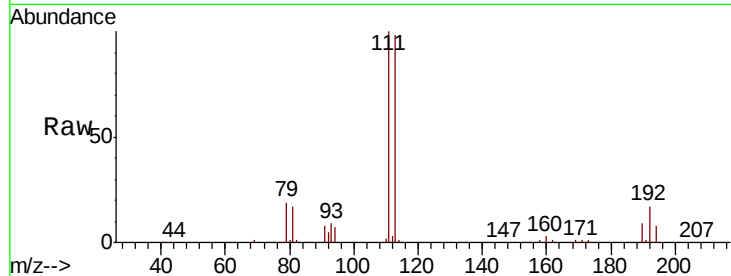




#35
Dibromofluoromethane
Concen: 48.963 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY000754.D
Acq: 20 Nov 2019 16:10

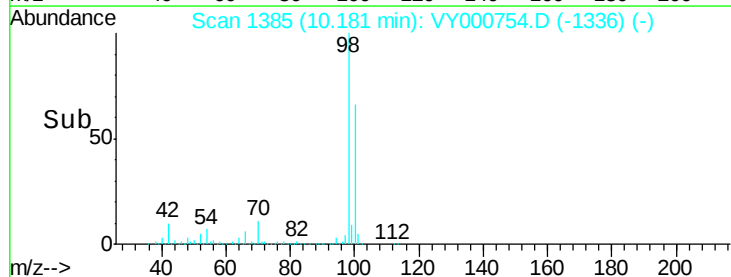
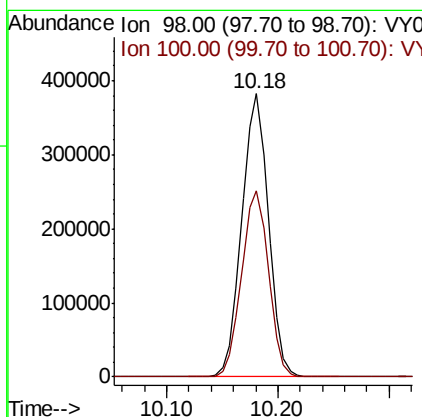
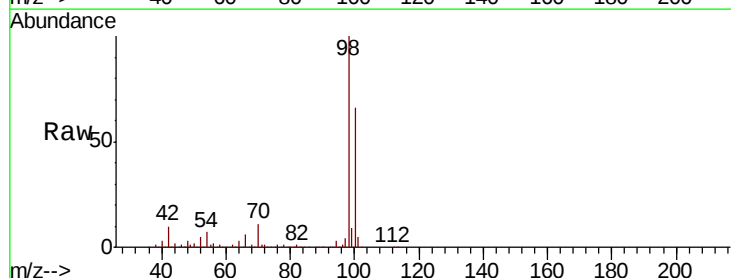
Instrument :
MSVOA_Y
ClientSampleId :
MW-5-(12-14)

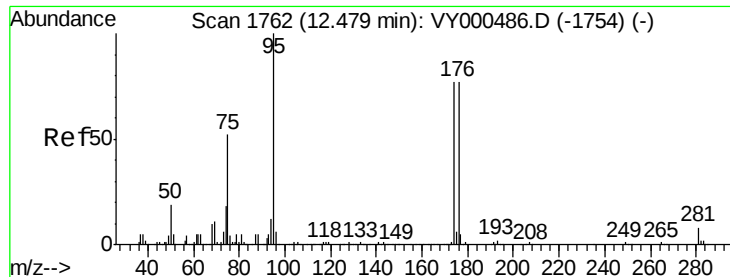
Tot Ion:113 Resp: 157410
Ion Ratio Lower Upper
113 100
111 105.4 81.7 122.5
192 18.2 15.0 22.4



#50
Toluene-d8
Concen: 52.039 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000754.D
Acq: 20 Nov 2019 16:10

Tgt Ion: 98 Resp: 634805
Ion Ratio Lower Upper
98 100
100 66.7 52.9 79.3

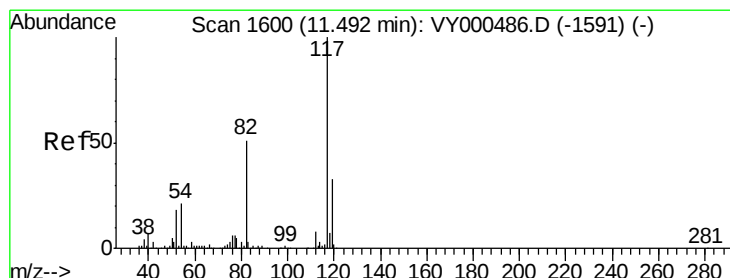
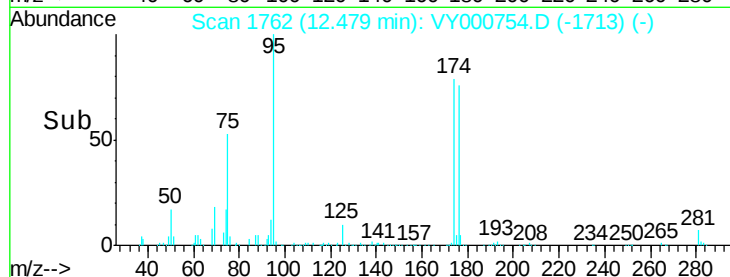
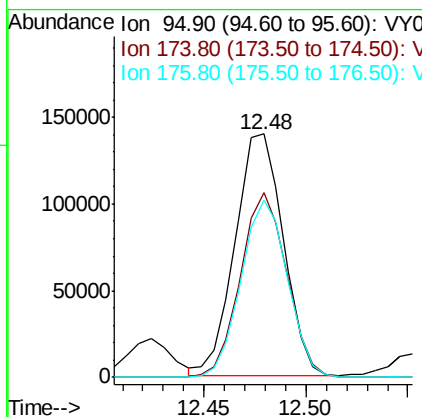
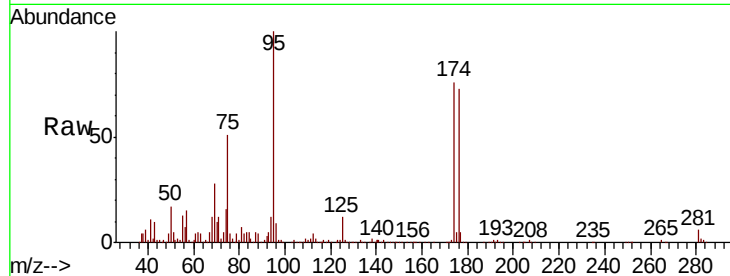




#62
4-Bromofluorobenzene
Concen: 49.487 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000754.D
Acq: 20 Nov 2019 16:10

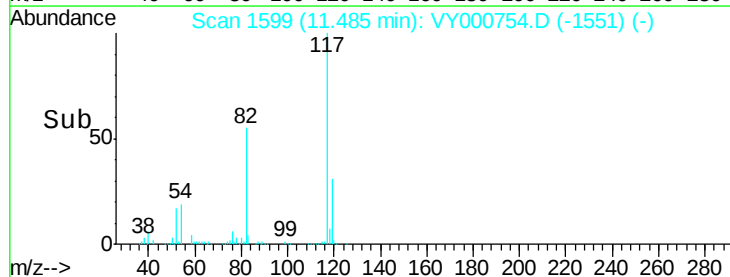
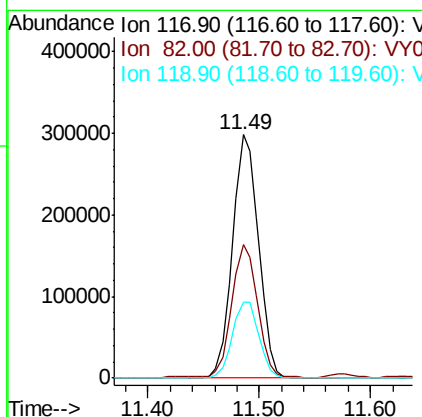
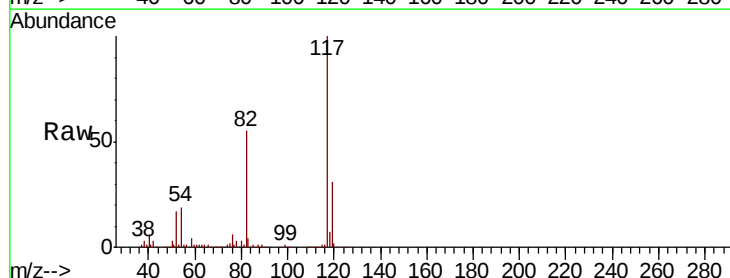
Instrument :
MSVOA_Y
ClientSampleId :
MW-5-(12-14)

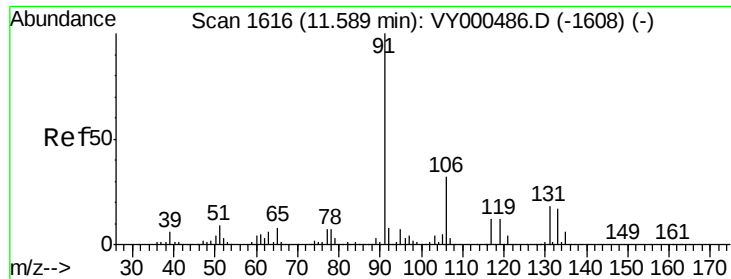
Tot Ion	95	Resp	229816
Ion Ratio	Lower	Upper	
95	100		
174	73.3	0.0	161.6
176	70.4	0.0	157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000754.D
Acq: 20 Nov 2019 16:10

Tgt Ion	117	Resp	480417
Ion Ratio	Lower	Upper	
117	100		
82	54.2	40.8	61.2
119	31.4	26.2	39.2

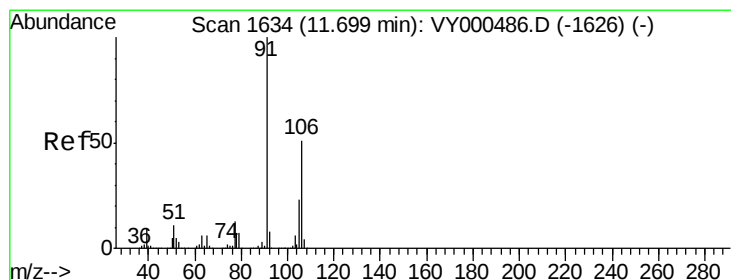
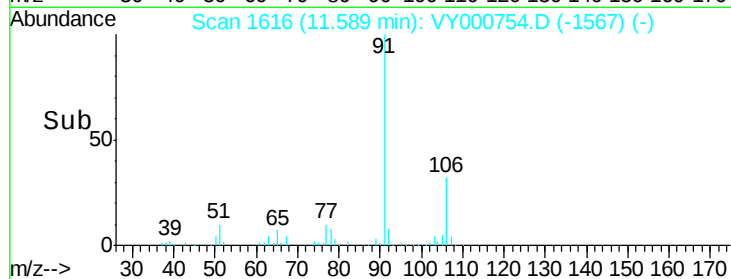
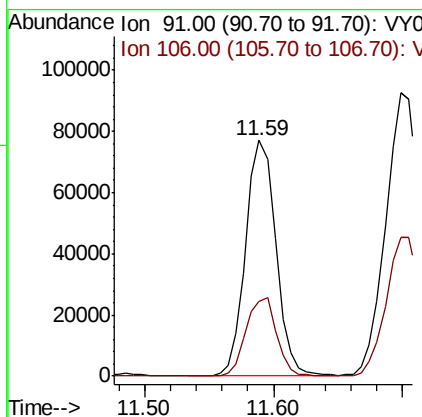
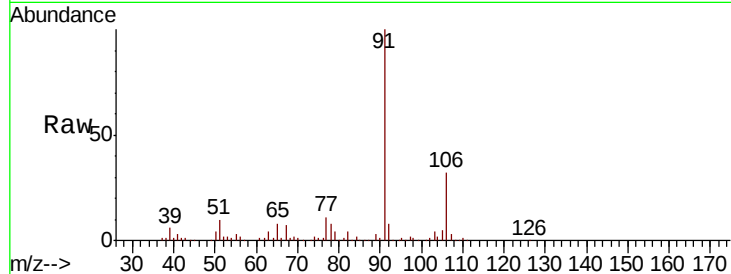




#67
Ethyl Benzene
Concen: 6.996 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000754.D
Acq: 20 Nov 2019 16:10

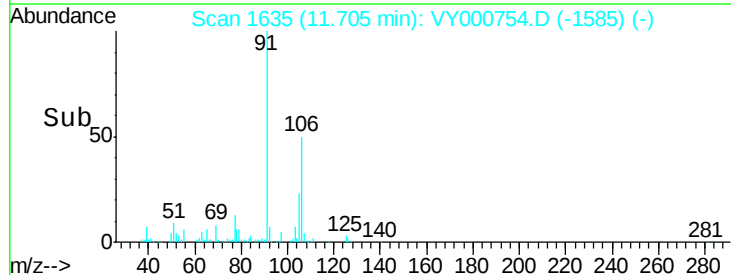
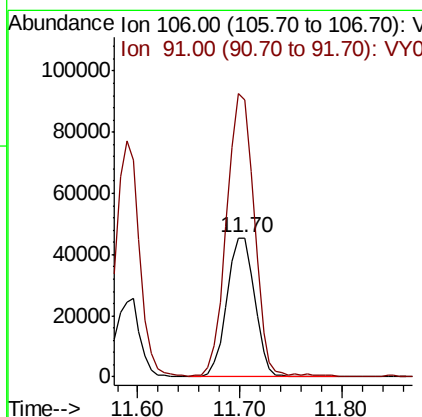
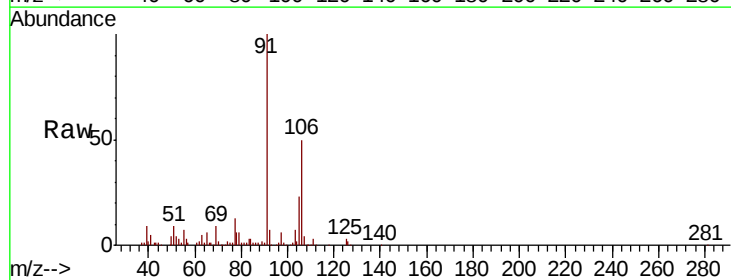
Instrument :
MSVOA_Y
ClientSampleId :
MW-5-(12-14)

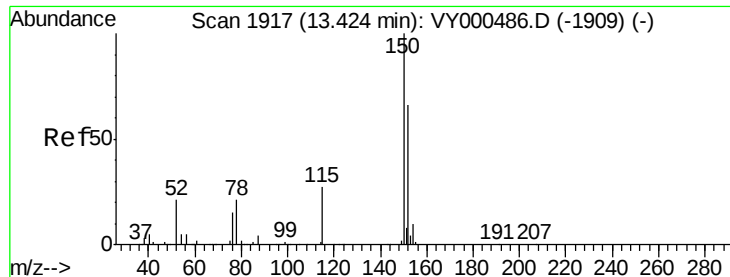
Tot Ion: 91 Resp: 125421
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.0



#68
m/p-Xylenes
Concen: 12.392 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VY000754.D
Acq: 20 Nov 2019 16:10

Tgt Ion: 106 Resp: 85979
Ion Ratio Lower Upper
106 100
91 202.7 155.9 233.9



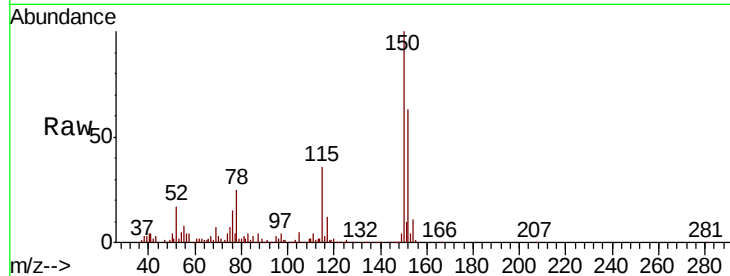


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000754.D
Acq: 20 Nov 2019 16:10

Instrument :
MSVOA_Y
ClientSampleId :
MW-5-(12-14)

Tot Ion	Ratio	Lower	Upper
152	100		
115	78.0	29.1	87.4
150	153.2	0.0	348.8

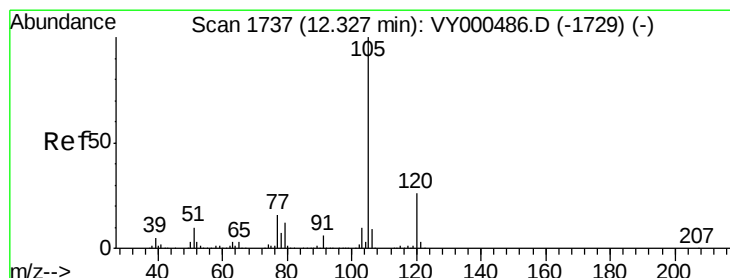
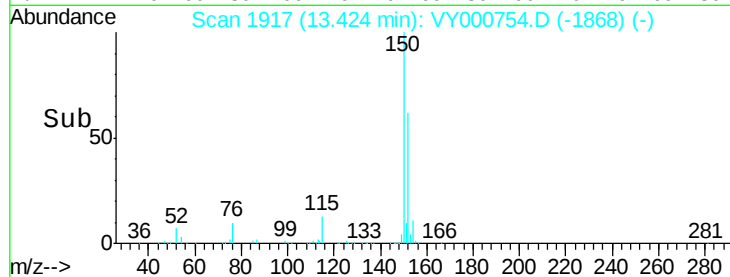
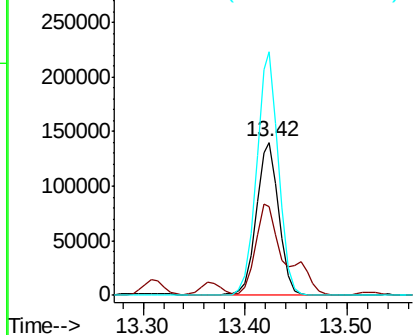


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

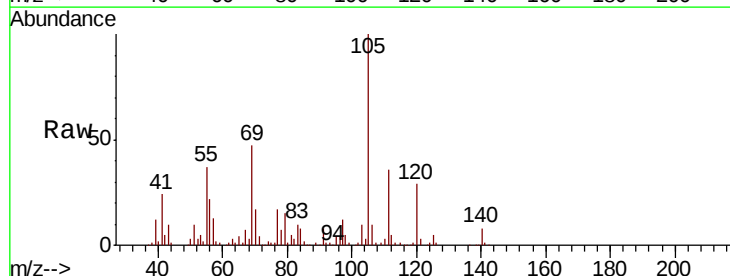
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene
Concen: 8.052 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VY000754.D
Acq: 20 Nov 2019 16:10

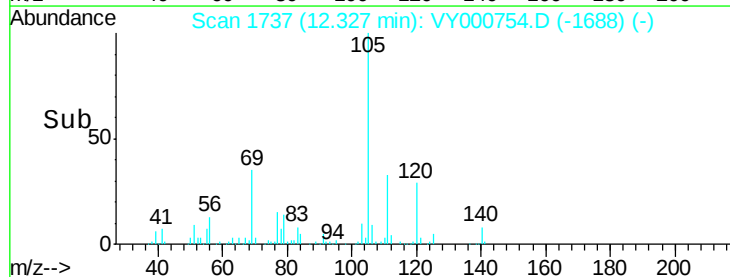
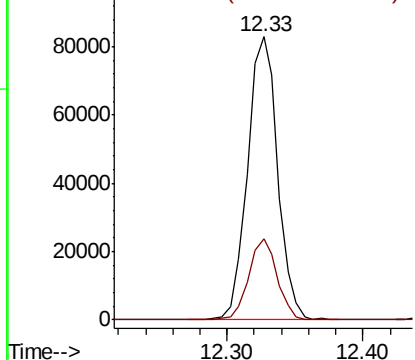
Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.3	13.5	40.4

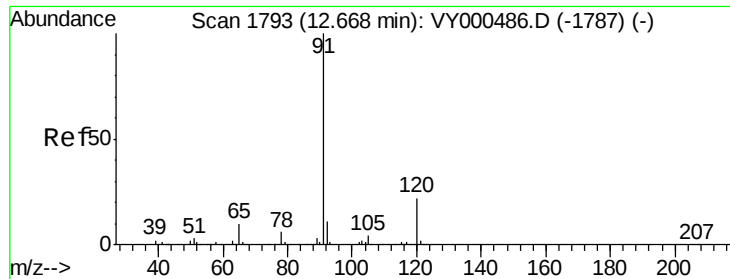


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 27.269 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000754.D

Acq: 20 Nov 2019 16:10

Instrument :

MSVOA_Y

ClientSampleId :

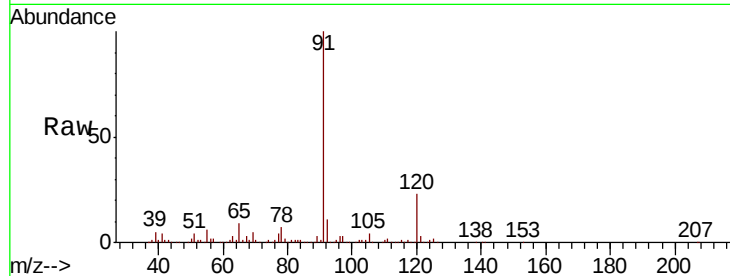
MW-5-(12-14)

Tot Ion: 91 Resp: 527091

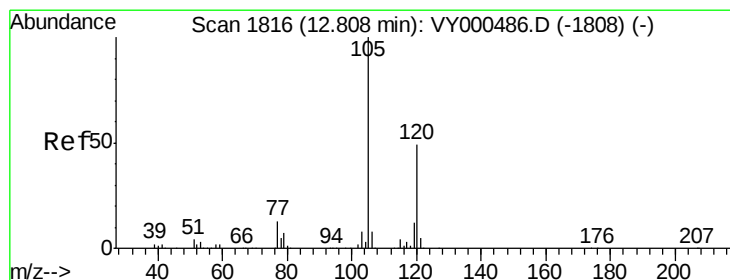
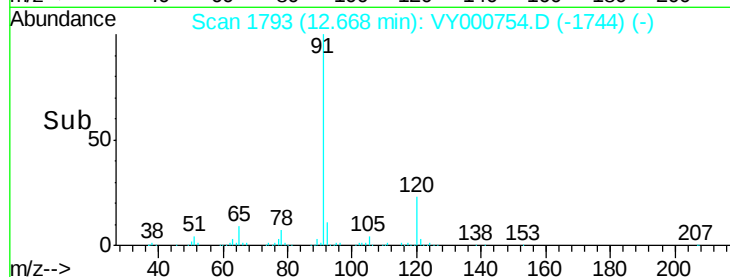
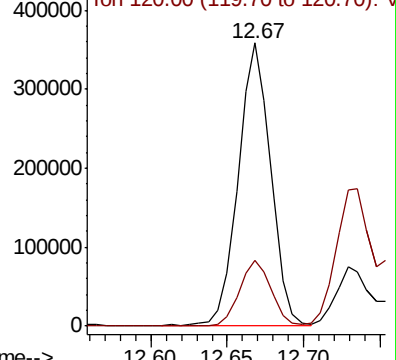
Ion Ratio Lower Upper

91 100

120 22.8 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY000754.D (-1744) (-)



#80

1,3,5-Trimethylbenzene

Concen: 64.420 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000754.D

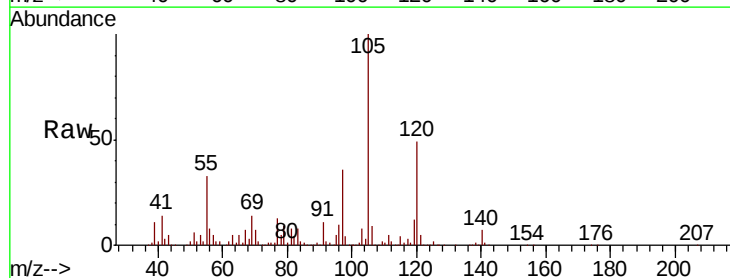
Acq: 20 Nov 2019 16:10

Tgt Ion: 105 Resp: 859515

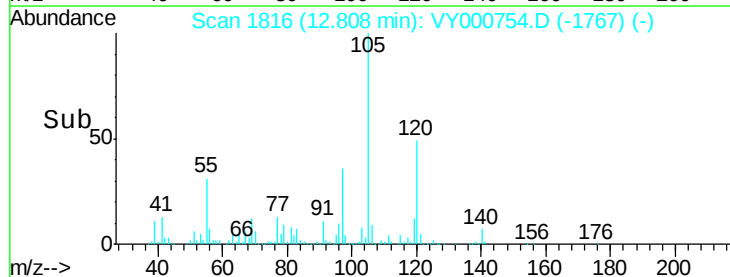
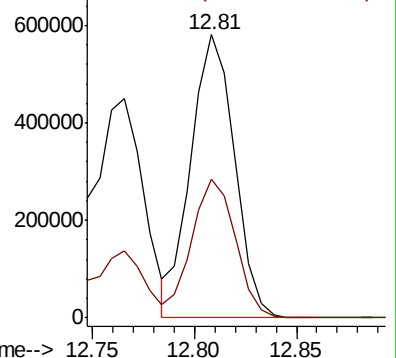
Ion Ratio Lower Upper

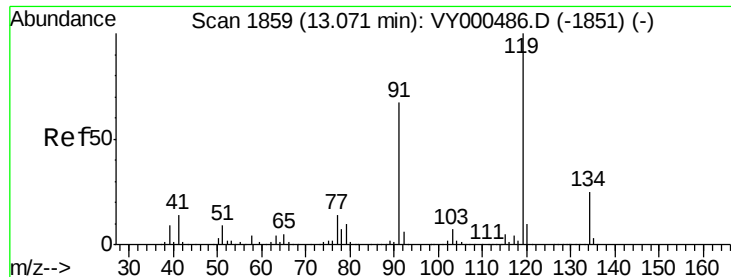
105 100

120 49.2 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000754.D (-1767) (-)

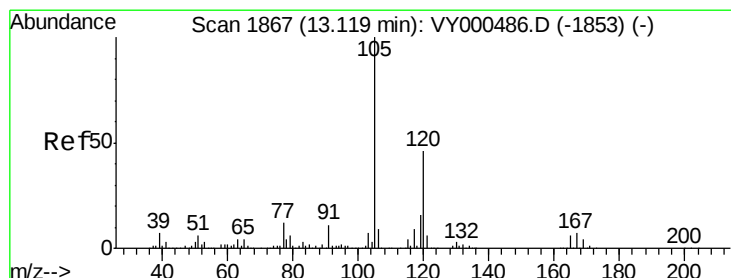
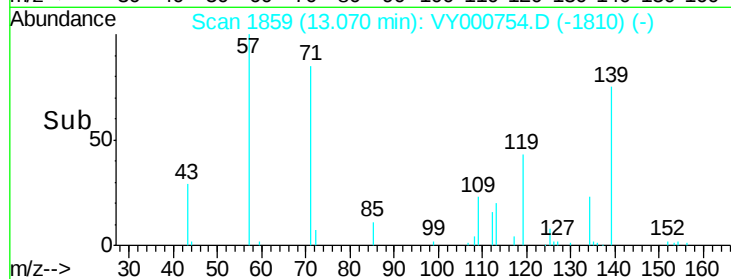
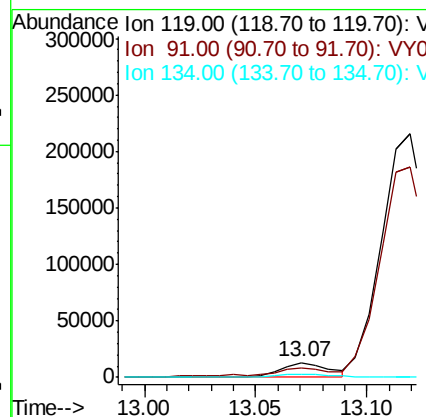
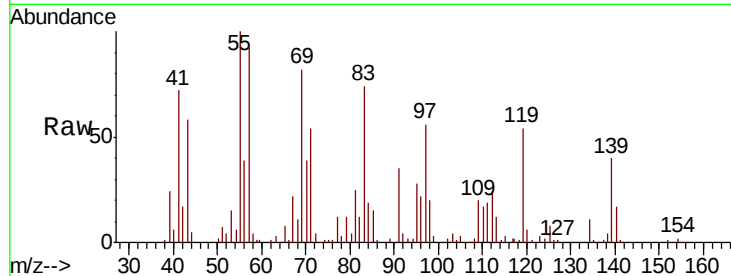




#83
 tert-Butylbenzene
 Concen: 1.758 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VY000754.D
 Acq: 20 Nov 2019 16:10

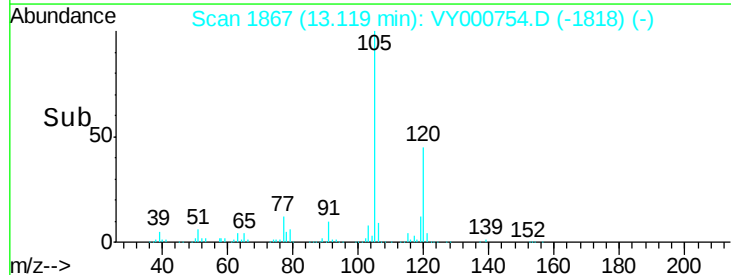
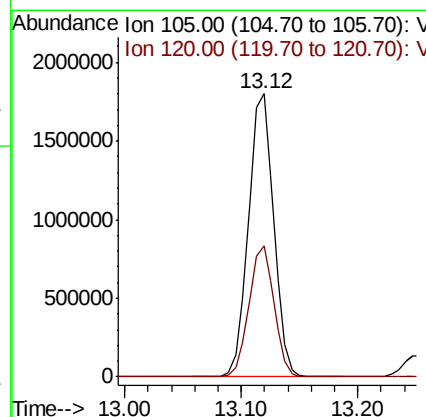
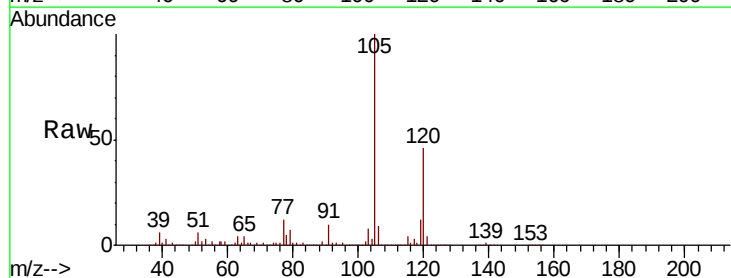
Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-5-(12-14)

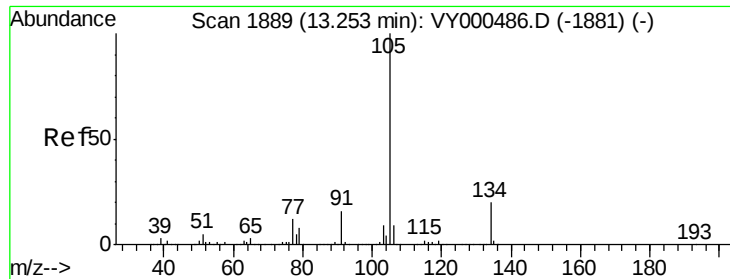
Tot Ion:	119	Resp:	20027
Ion	Ratio	Lower	Upper
119	100		
91	64.3	32.1	96.3
134	23.1	13.2	39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 205.322 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000754.D
 Acq: 20 Nov 2019 16:10

Tgt Ion:	105	Resp:	2727575
Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.3	69.9

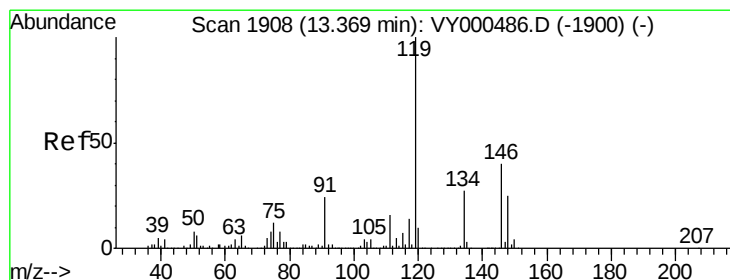
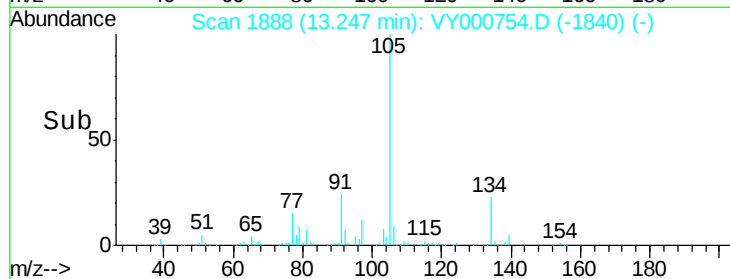
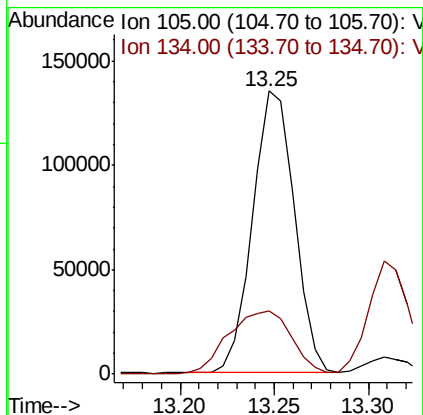
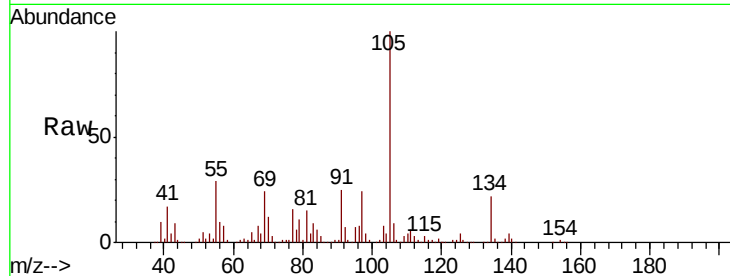




#85
 sec-Butylbenzene
 Concen: 12.823 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: VY000754.D
 Acq: 20 Nov 2019 16:10

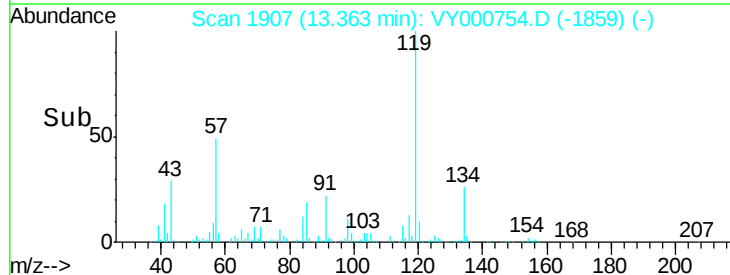
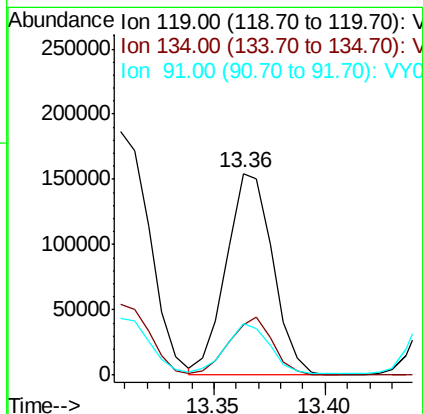
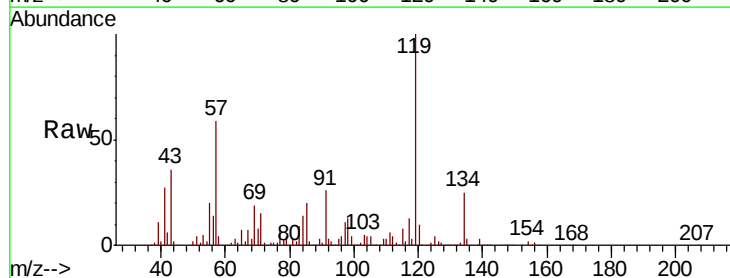
Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-5-(12-14)

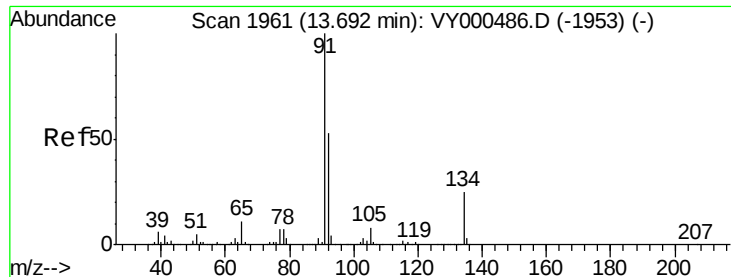
Tot Ion:105 Resp: 208129
 Ion Ratio Lower Upper
 105 100
 134 34.0 10.1 30.1#



#86
 p-Isopropyltoluene
 Concen: 15.527 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY000754.D
 Acq: 20 Nov 2019 16:10

Tgt Ion:119 Resp: 224613
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.6 40.8
 91 23.9 12.0 36.1

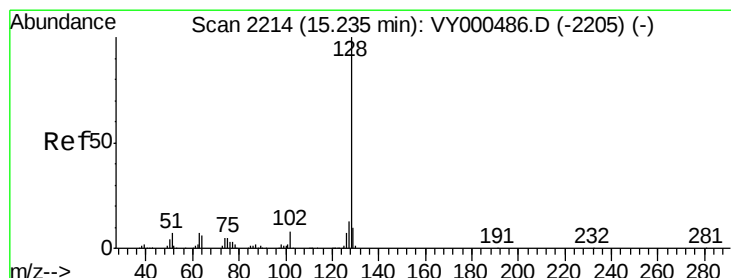
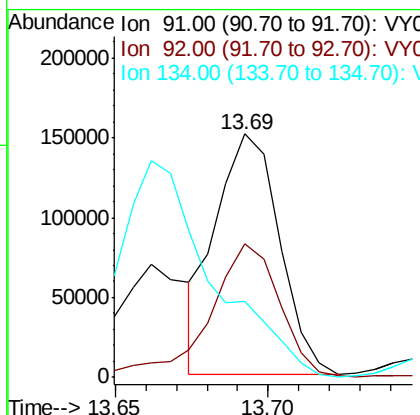
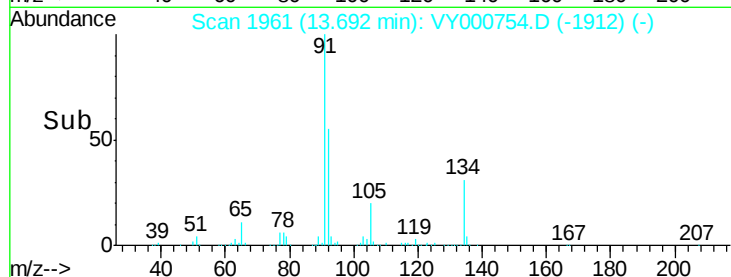
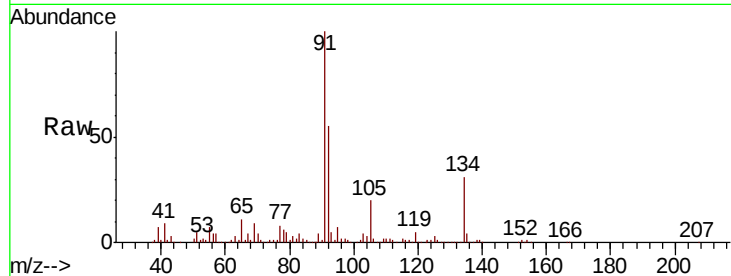




#89
n-Butylbenzene
Concen: 15.167 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000754.D
Acq: 20 Nov 2019 16:10

Instrument :
MSVOA_Y
ClientSampleId :
MW-5-(12-14)

Tot Ion: 91 Resp: 216395
Ion Ratio Lower Upper
91 100
92 61.1 26.8 80.3
134 0.0 12.9 38.7#



#95
Naphthalene
Concen: 15.778 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000754.D
Acq: 20 Nov 2019 16:10

Tgt Ion: 128 Resp: 153976
Ion Ratio Lower Upper
128 100
127 12.8 9.8 14.6
129 11.8 8.7 13.1

