

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
 Data File : VY002987.D
 Acq On : 22 Jun 2020 20:32
 Operator : SY/MD
 Sample : L3082-06
 Misc : 3.23G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7

Quant Time: Jun 23 09:44:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 20 06:39:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	283500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	431830	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	409869	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	213434	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	130232	55.62	ug/l	0.00
Spiked Amount			Recovery	=	111.24%	
35) Dibromofluoromethane	7.72	113	129948	53.18	ug/l	0.00
Spiked Amount			Recovery	=	106.36%	
50) Toluene-d8	10.18	98	494442	51.32	ug/l	0.00
Spiked Amount			Recovery	=	102.64%	
62) 4-Bromofluorobenzene	12.48	95	182309	54.55	ug/l	0.00
Spiked Amount			Recovery	=	109.10%	

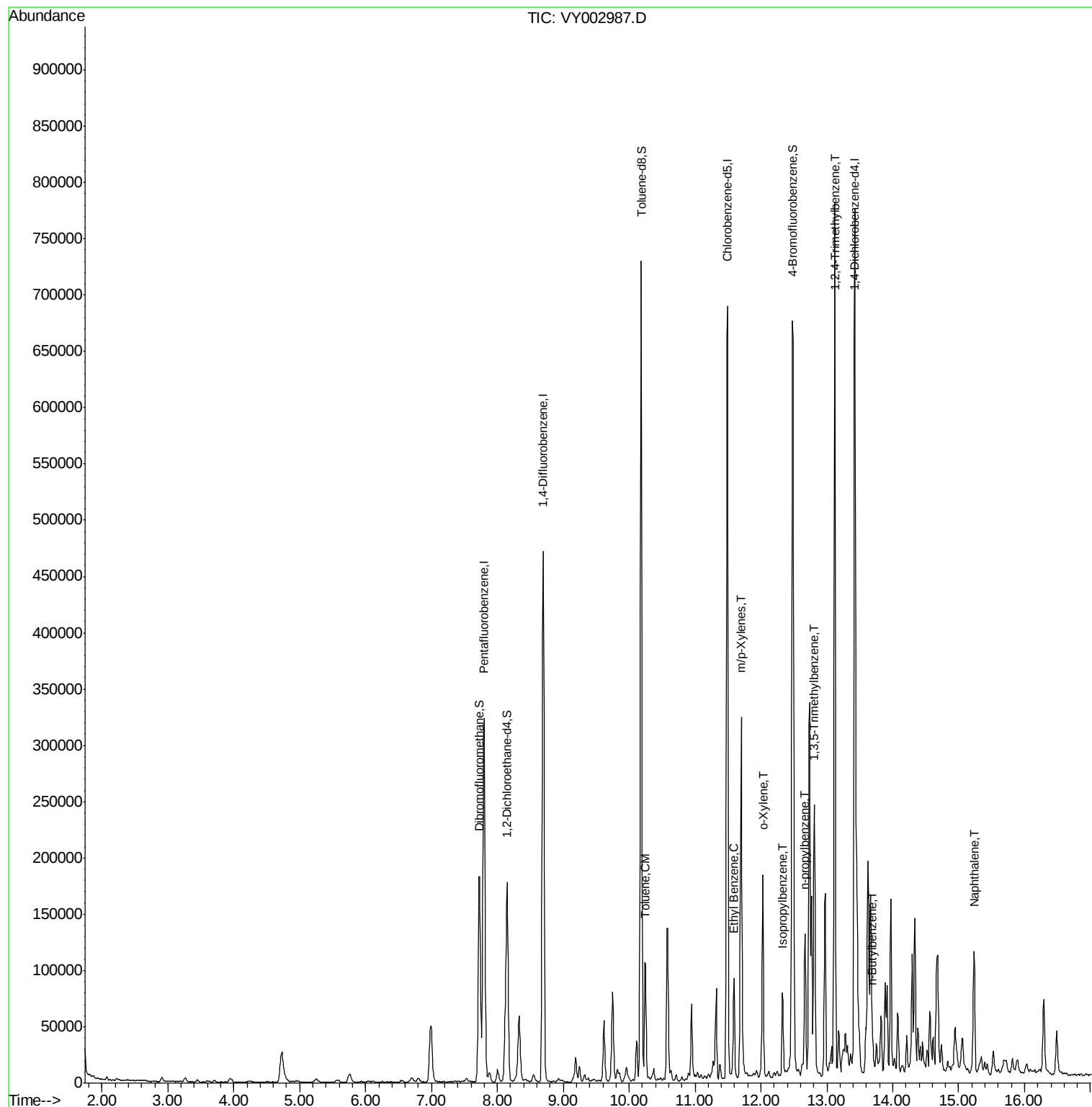
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
52) Toluene	10.25	92	47160	6.979	ug/l	99
67) Ethyl Benzene	11.59	91	61472	4.593	ug/l	100
68) m/p-Xylenes	11.70	106	105385	20.265	ug/l	98
69) o-Xylene	12.03	106	50120	10.225	ug/l	98
73) Isopropylbenzene	12.33	105	48459	3.705	ug/l	100
78) n-propylbenzene	12.67	91	91236	6.012	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	117432	10.769	ug/l	96
84) 1,2,4-Trimethylbenzene	13.12	105	411931	37.540	ug/l	98
89) n-Butylbenzene	13.70	91	13391	1.189	ug/l #	63
95) Naphthalene	15.23	128	87915	10.005	ug/l	97

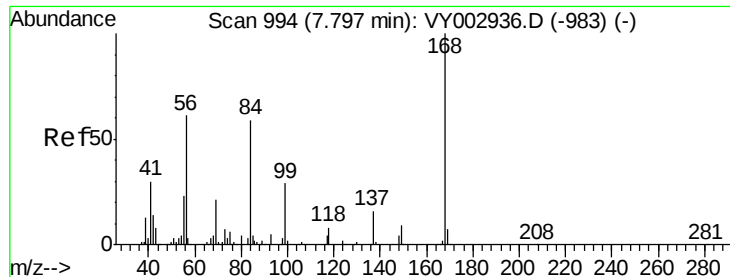
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
Data File : VY002987.D
Acq On : 22 Jun 2020 20:32
Operator : SY/MD
Sample : L3082-06
Misc : 3.23G/5ML/MSVOA Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-7

Quant Time: Jun 23 09:44:28 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 20 06:39:15 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY002987.D

Acq: 22 Jun 2020 20:32

Instrument :

MSVOA_Y

ClientSampled :

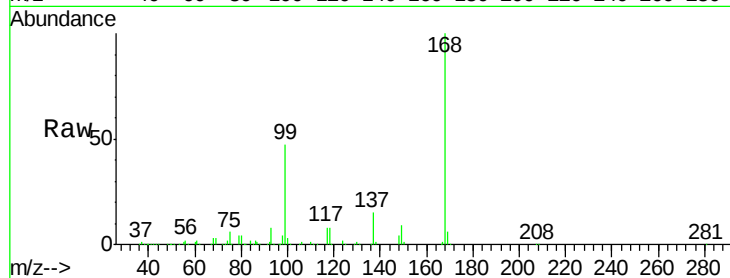
SB-7

Tot Ion:168 Resp: 283500

Ion Ratio Lower Upper

168 100

99 46.9 39.5 59.3



Abundance Ion 167.90 (167.60 to 168.60): VY002987.D (-1003) (-)

Ion 98.90 (98.60 to 99.60): VY002987.D (-1003) (-)

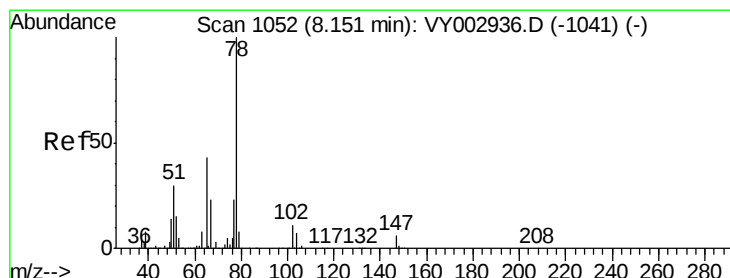
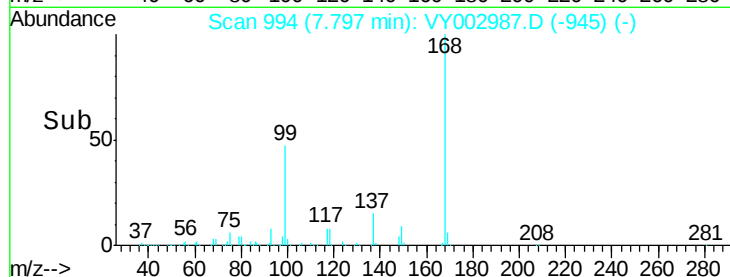
7.80

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.615 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY002987.D

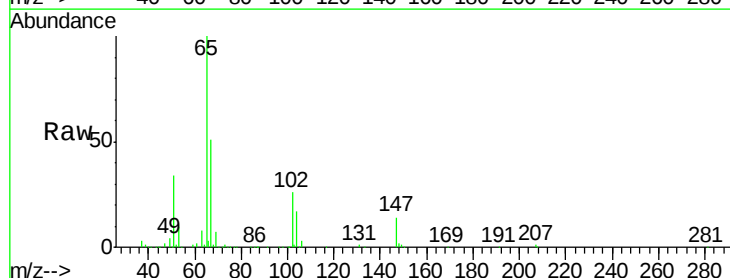
Acq: 22 Jun 2020 20:32

Tgt Ion: 65 Resp: 130232

Ion Ratio Lower Upper

65 100

67 51.8 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY002987.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY002987.D (-1003) (-)

8.15

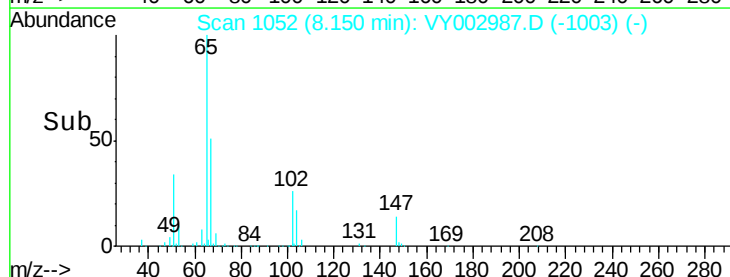
60000

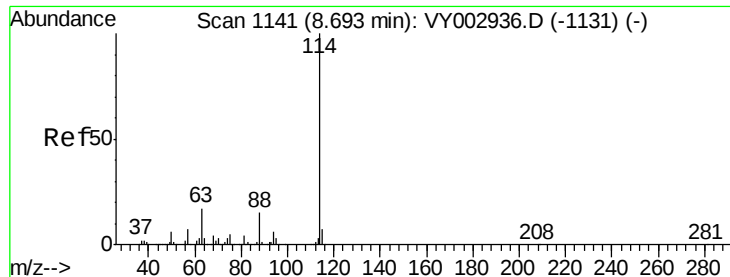
40000

20000

0

Time-->

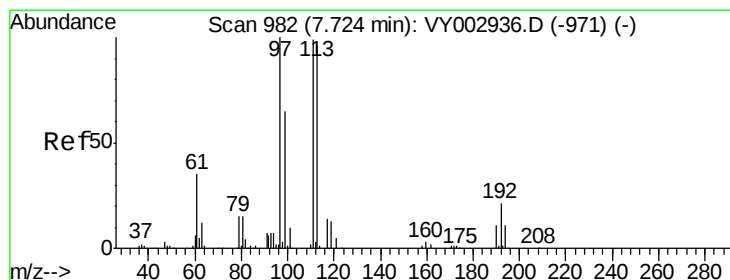
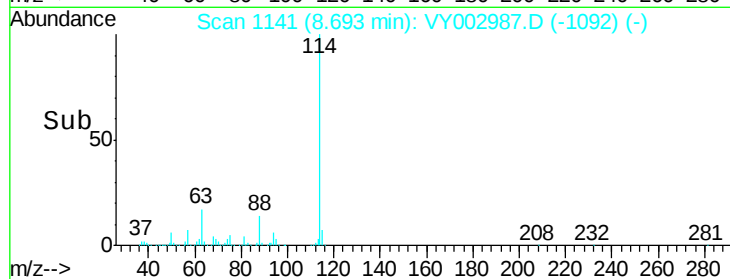
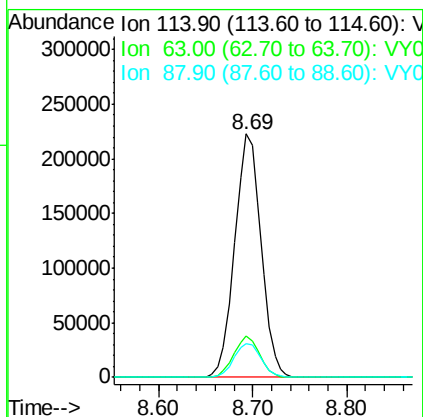
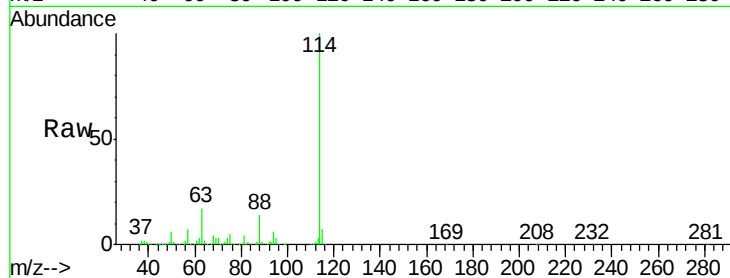




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002987.D
 Acq: 22 Jun 2020 20:32

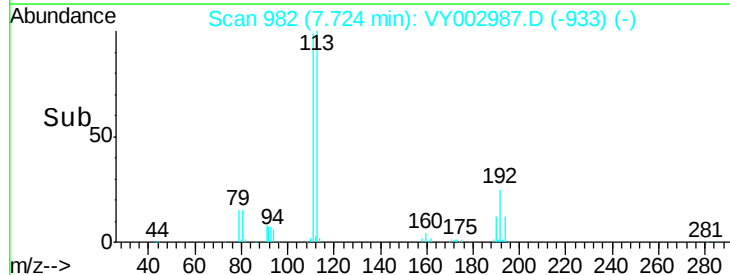
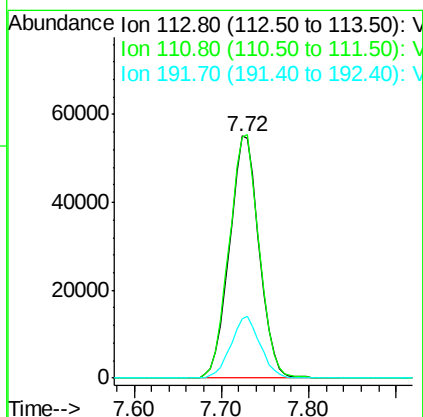
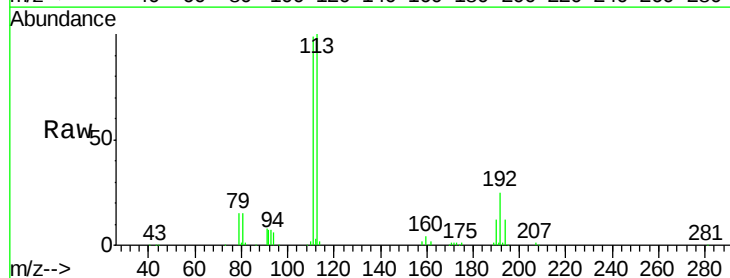
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7

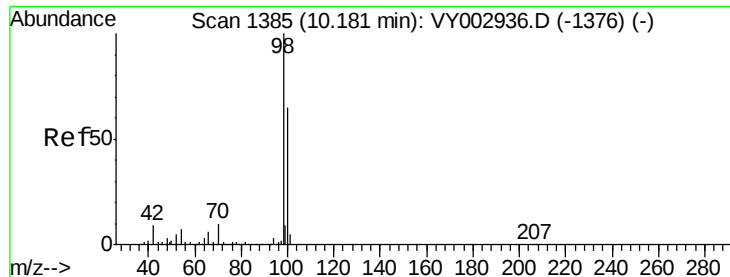
Tot Ion	Ratio	Lower	Upper
114	100		
63	16.8	0.0	34.6
88	14.1	0.0	29.2



#35
 Dibromofluoromethane
 Concen: 53.183 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY002987.D
 Acq: 22 Jun 2020 20:32

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.5	122.3
192	25.0	19.2	28.8





#50

Toluene-d8

Concen: 51.322 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY002987.D

Acq: 22 Jun 2020 20:32

Instrument :

MSVOA_Y

ClientSampleId :

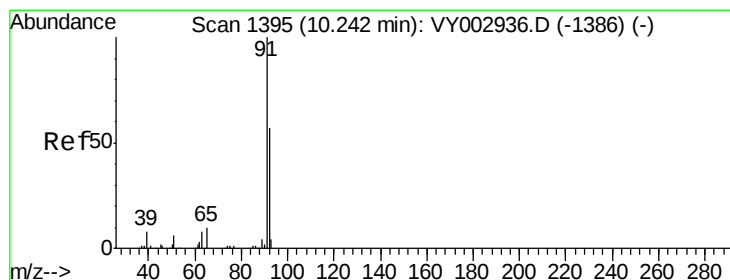
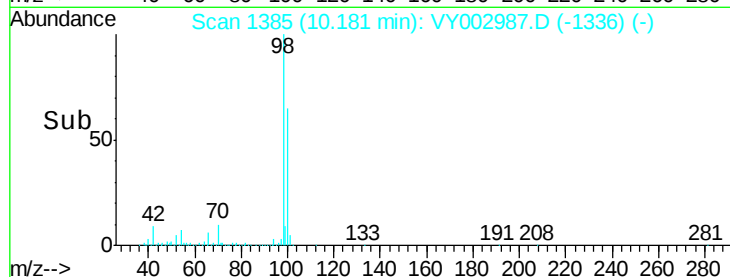
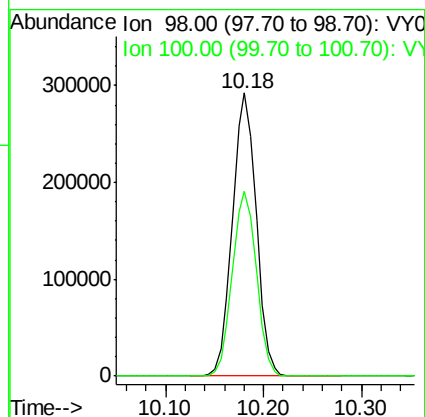
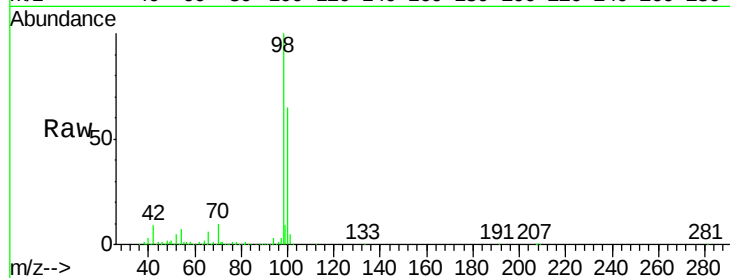
SB-7

Tot Ion: 98 Resp: 494442

Ion Ratio Lower Upper

98 100

100 66.1 51.9 77.9



#52

Toluene

Concen: 6.979 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.01 min

Lab File: VY002987.D

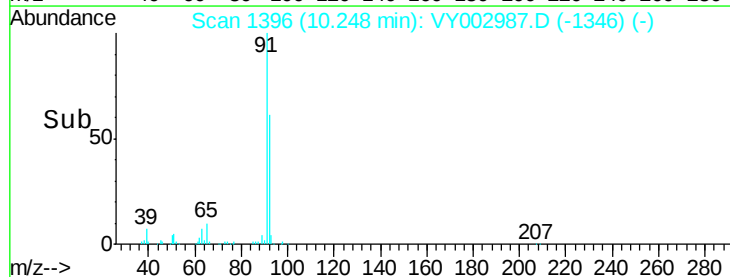
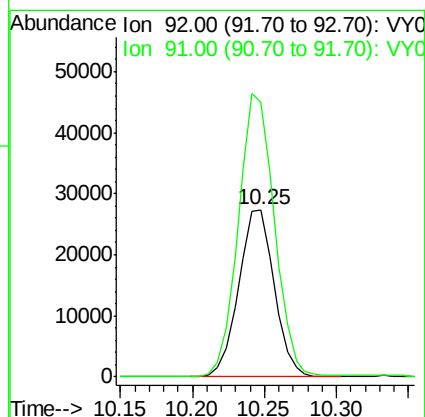
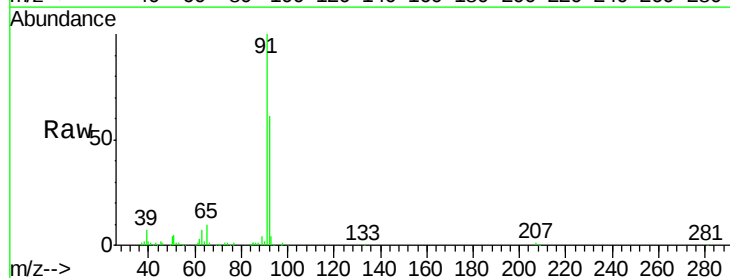
Acq: 22 Jun 2020 20:32

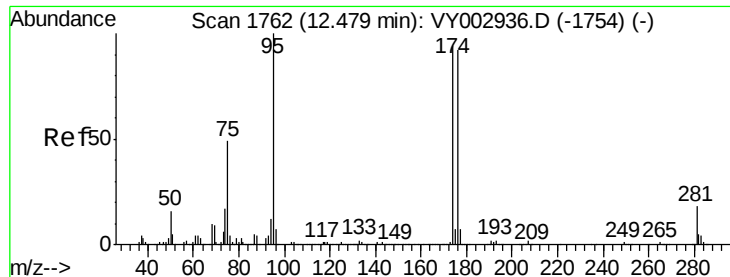
Tgt Ion: 92 Resp: 47160

Ion Ratio Lower Upper

92 100

91 172.3 139.3 208.9





#62

4-Bromofluorobenzene

Concen: 54.553 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY002987.D

Acq: 22 Jun 2020 20:32

Instrument :

MSVOA_Y

ClientSampleId :

SB-7

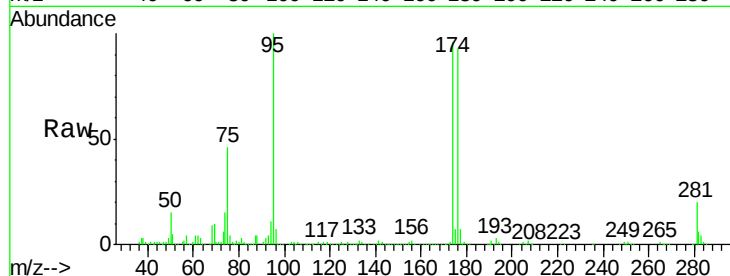
Tot Ion: 95 Resp: 182309

Ion Ratio Lower Upper

95 100

174 98.6 0.0 191.2

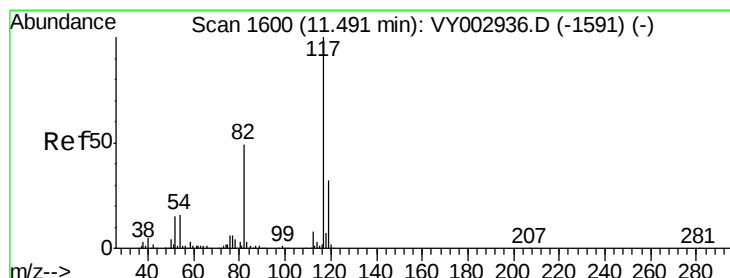
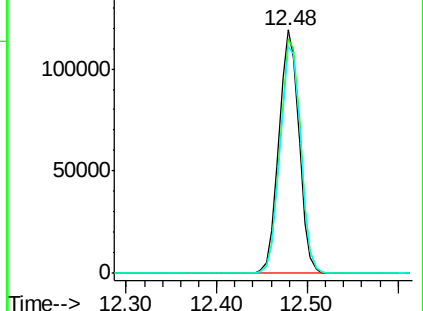
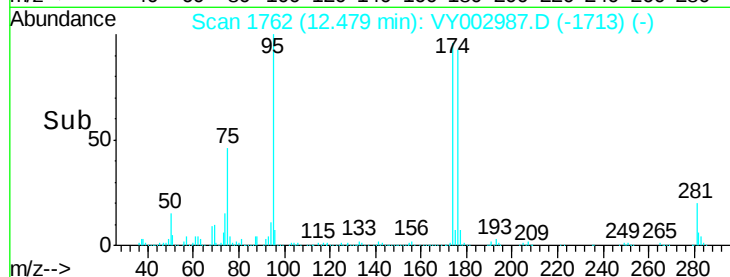
176 95.5 0.0 186.0



Abundance Ion 94.90 (94.60 to 95.60): VY002987.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY002987.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY002987.D (-1713) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY002987.D

Acq: 22 Jun 2020 20:32

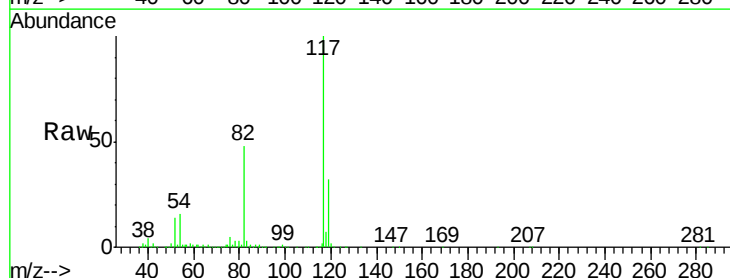
Tgt Ion: 117 Resp: 409869

Ion Ratio Lower Upper

117 100

82 48.4 39.4 59.0

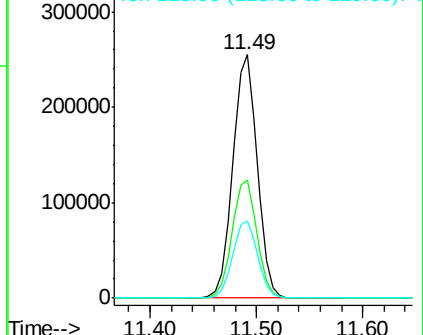
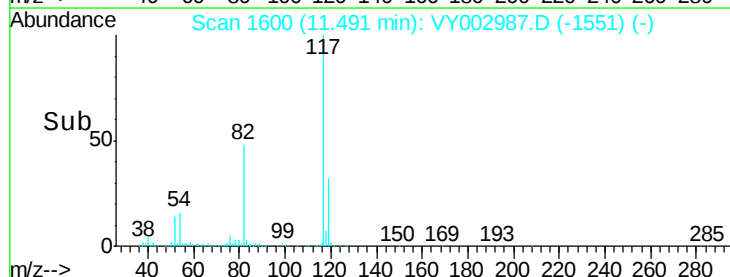
119 31.8 25.4 38.0

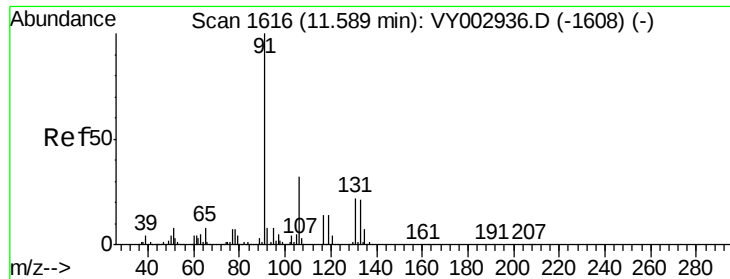


Abundance Ion 116.90 (116.60 to 117.60): VY002987.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY002987.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY002987.D (-1551) (-)





#67

Ethyl Benzene

Concen: 4.593 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY002987.D

Acq: 22 Jun 2020 20:32

Instrument :

MSVOA_Y

ClientSampled :

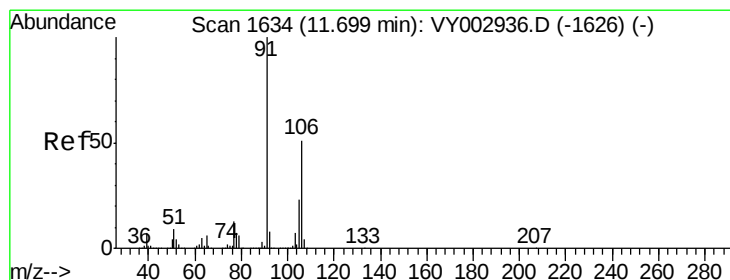
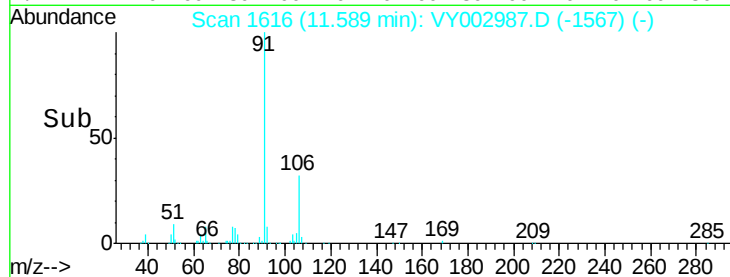
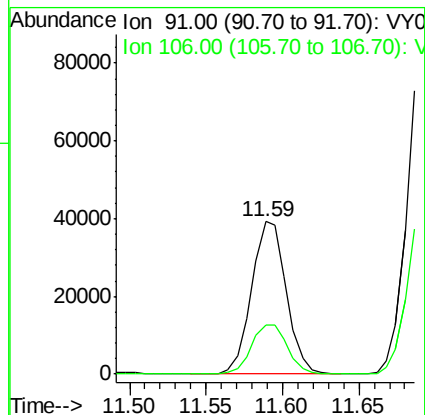
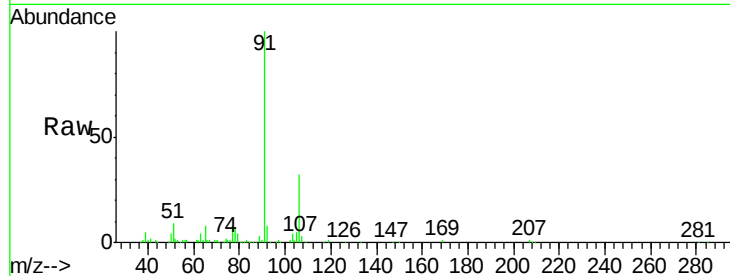
SB-7

Tot Ion: 91 Resp: 61472

Ion Ratio Lower Upper

91 100

106 32.1 25.8 38.8



#68

m/p-Xylenes

Concen: 20.265 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY002987.D

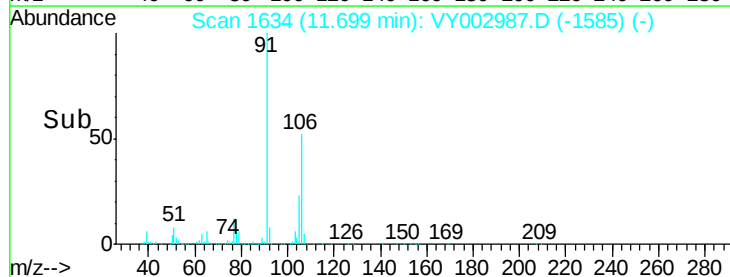
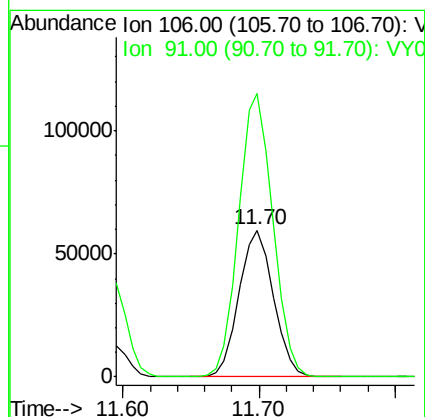
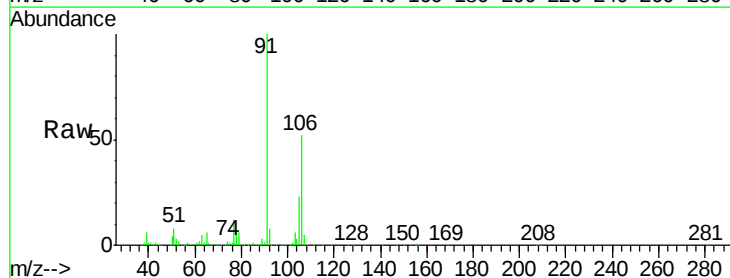
Acq: 22 Jun 2020 20:32

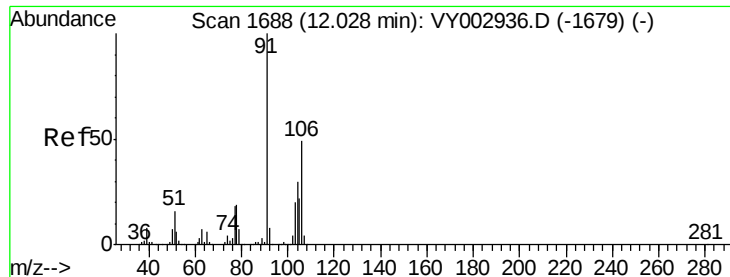
Tgt Ion: 106 Resp: 105385

Ion Ratio Lower Upper

106 100

91 191.5 155.9 233.9

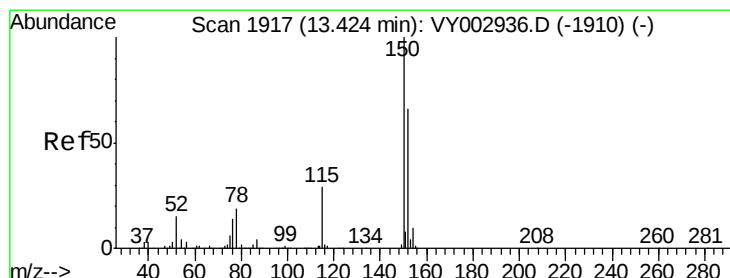
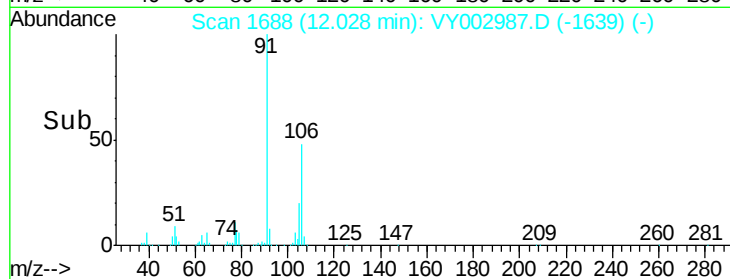
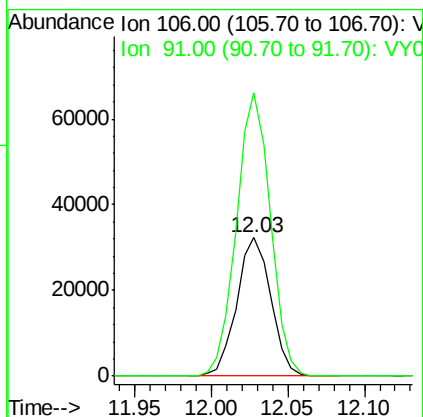
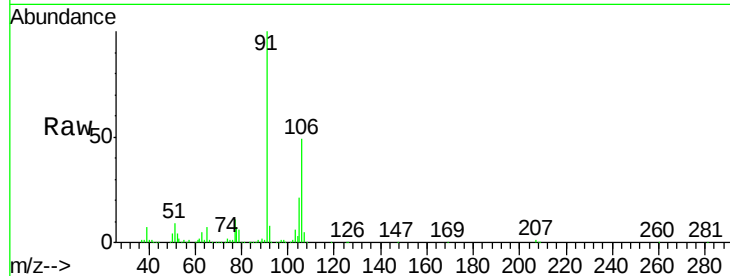




#69
o-Xylene
Concen: 10.225 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY002987.D
Acq: 22 Jun 2020 20:32

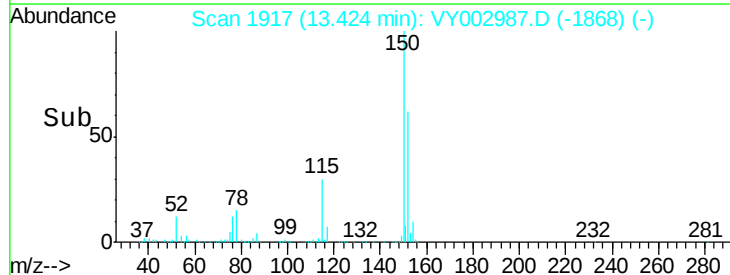
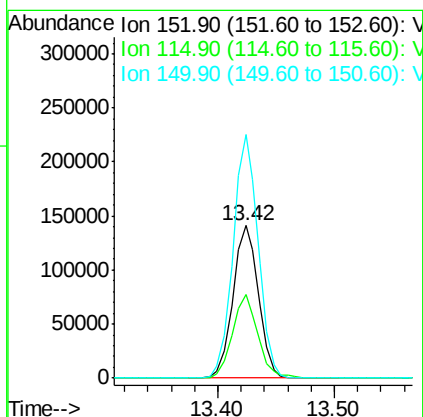
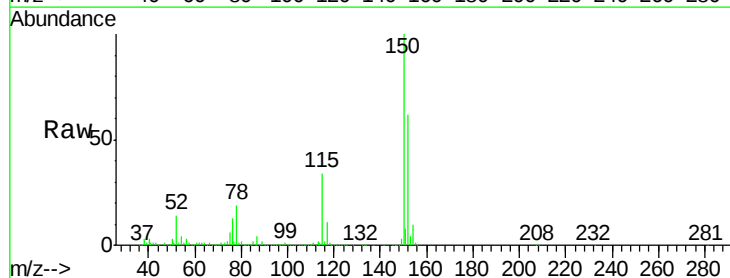
Instrument :
MSVOA_Y
ClientSampled :
SB-7

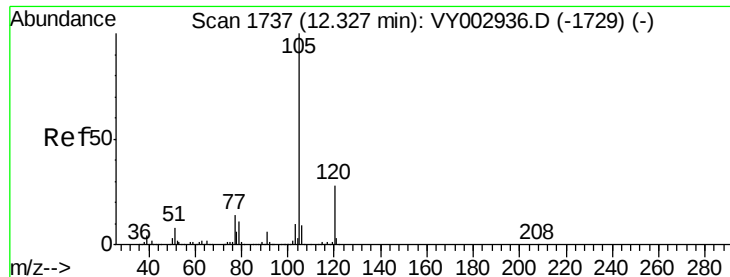
Tot Ion:106 Resp: 50120
Ion Ratio Lower Upper
106 100
91 201.6 102.1 306.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY002987.D
Acq: 22 Jun 2020 20:32

Tgt Ion:152 Resp: 213434
Ion Ratio Lower Upper
152 100
115 55.0 26.9 80.6
150 157.3 0.0 341.8





#73

Isopropylbenzene

Concen: 3.705 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY002987.D

Acq: 22 Jun 2020 20:32

Instrument :

MSVOA_Y

ClientSampleId :

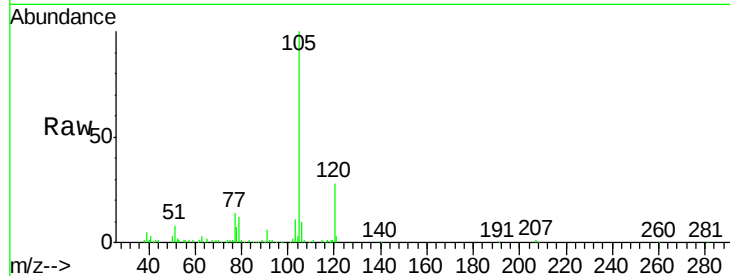
SB-7

Tot Ion: 105 Resp: 48459

Ion Ratio Lower Upper

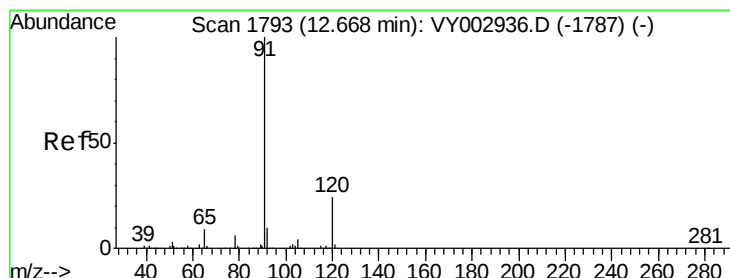
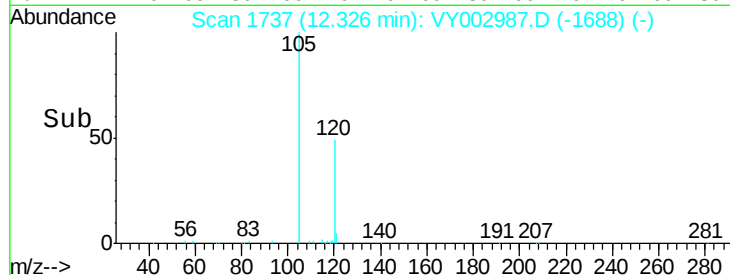
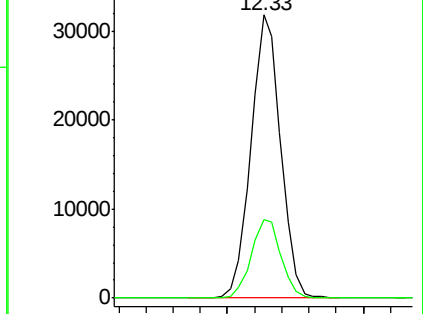
105 100

120 27.8 14.0 41.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 6.012 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY002987.D

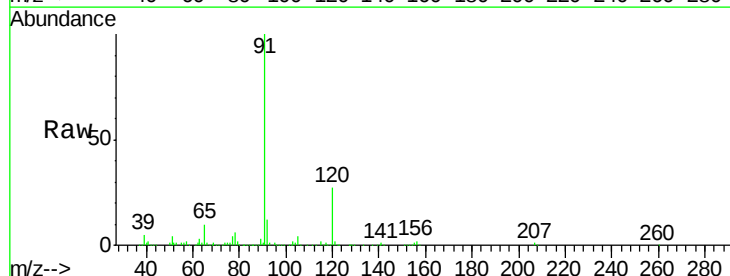
Acq: 22 Jun 2020 20:32

Tgt Ion: 91 Resp: 91236

Ion Ratio Lower Upper

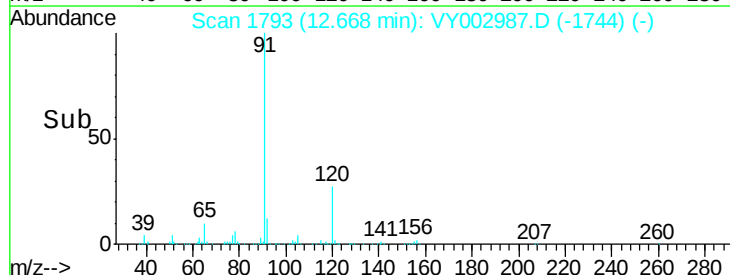
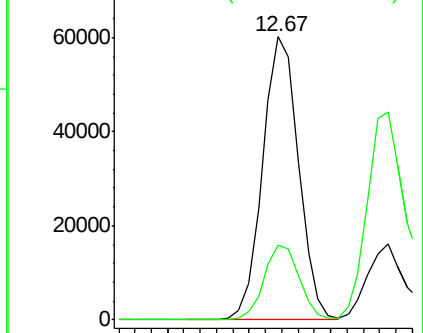
91 100

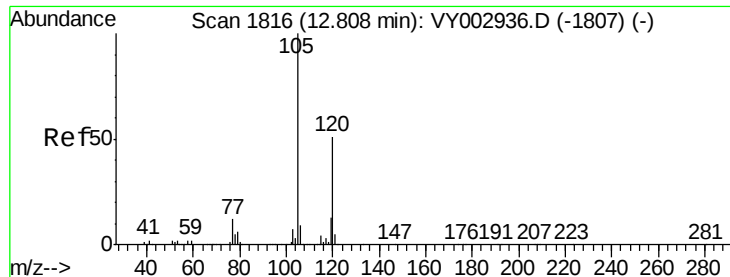
120 26.0 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 10.769 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY002987.D

Acq: 22 Jun 2020 20:32

Instrument :

MSVOA_Y

ClientSampleId :

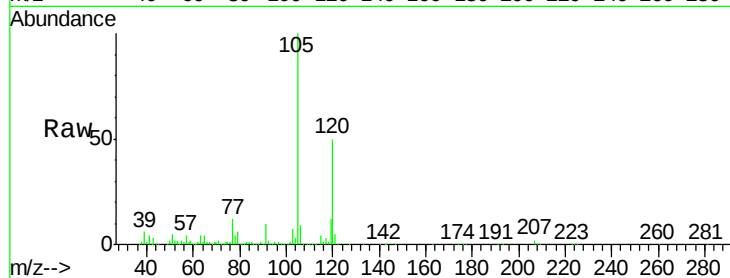
SB-7

Tot Ion:105 Resp: 117432

Ion Ratio Lower Upper

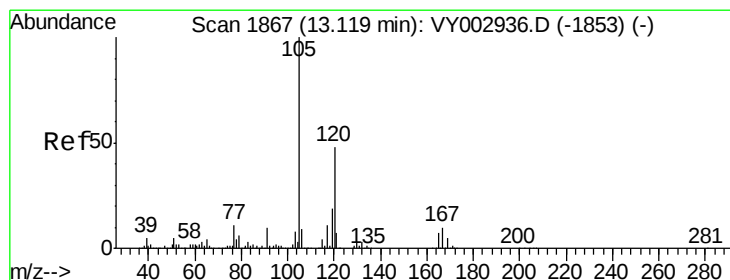
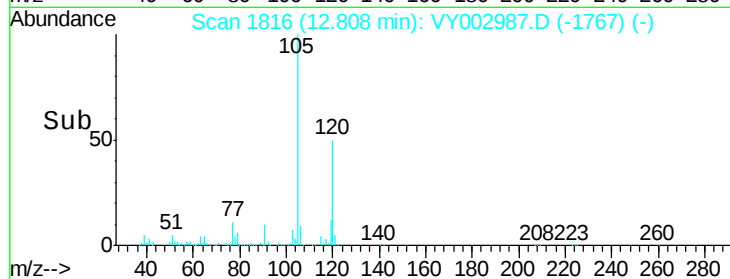
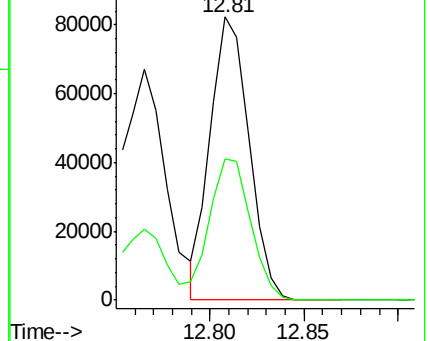
105 100

120 53.9 25.6 76.6



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: 37.540 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY002987.D

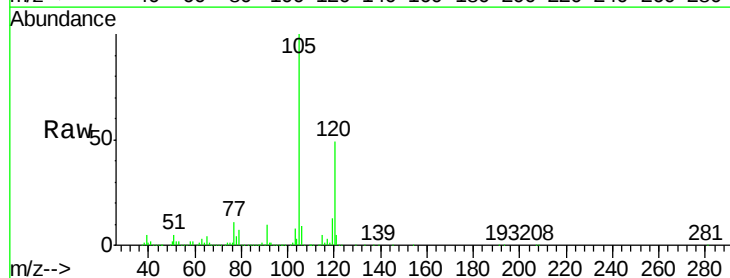
Acq: 22 Jun 2020 20:32

Tgt Ion:105 Resp: 411931

Ion Ratio Lower Upper

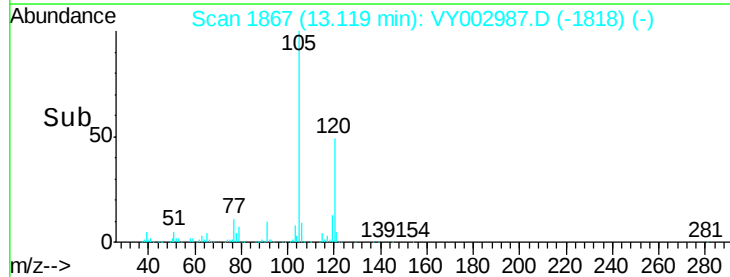
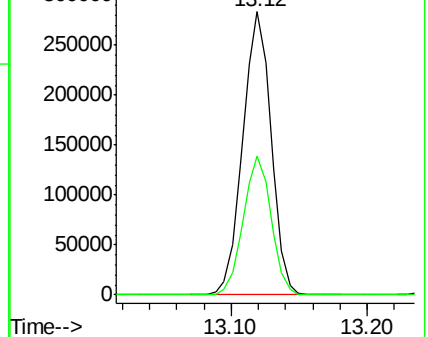
105 100

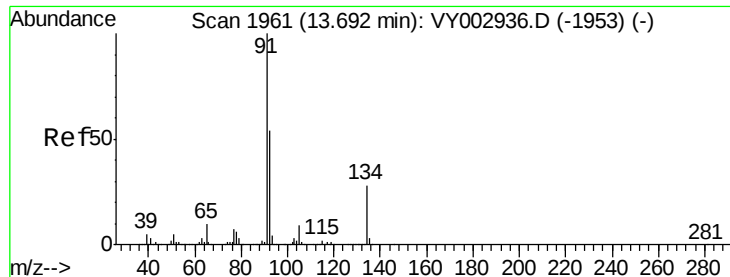
120 48.2 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#89

n-Butylbenzene

Concen: 1.189 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY002987.D

Acq: 22 Jun 2020 20:32

Instrument :

MSVOA_Y

ClientSampleId :

SB-7

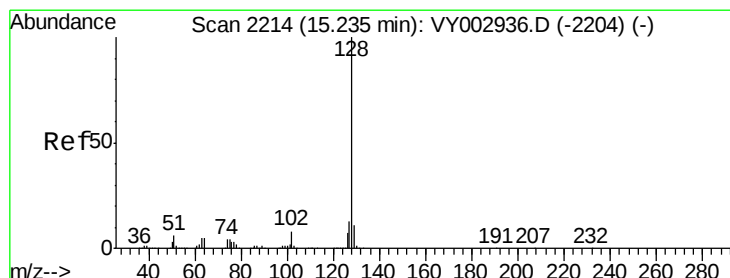
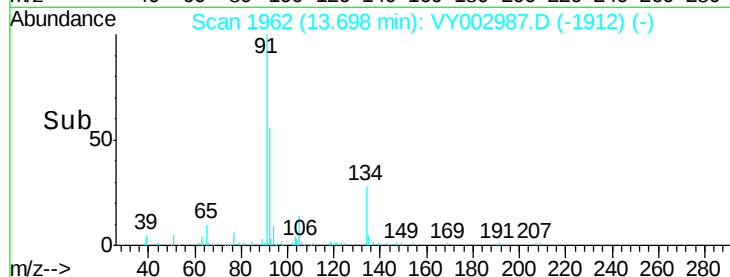
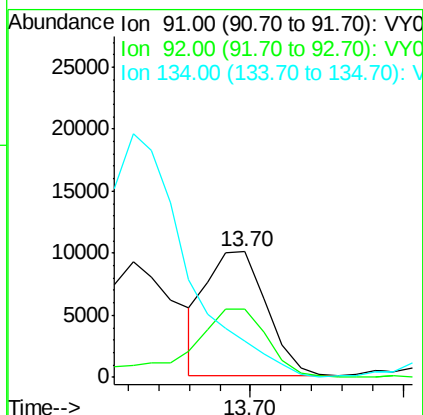
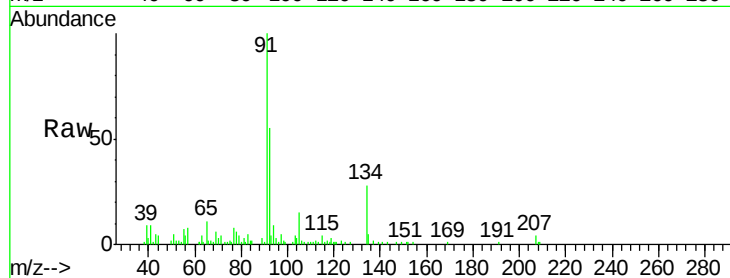
Tot Ion: 91 Resp: 13391

Ion Ratio Lower Upper

91 100

92 74.1 27.0 80.8

134 0.0 14.5 43.5#



#95

Naphthalene

Concen: 10.005 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY002987.D

Acq: 22 Jun 2020 20:32

Tgt Ion: 128 Resp: 87915

Ion Ratio Lower Upper

128 100

127 14.2 10.2 15.4

129 11.5 8.7 13.1

