

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112019\
 Data File : VY000757.D
 Acq On : 20 Nov 2019 17:16
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Nov 21 08:18:07 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	369788	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	632818	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	550830	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	257131	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	170054	44.44	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	88.88%	
35) Dibromofluoromethane	7.73	113	171814	46.25	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.50%	
50) Toluene-d8	10.18	98	680686	48.29	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.58%	
62) 4-Bromofluorobenzene	12.48	95	259187	48.30	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.60%	

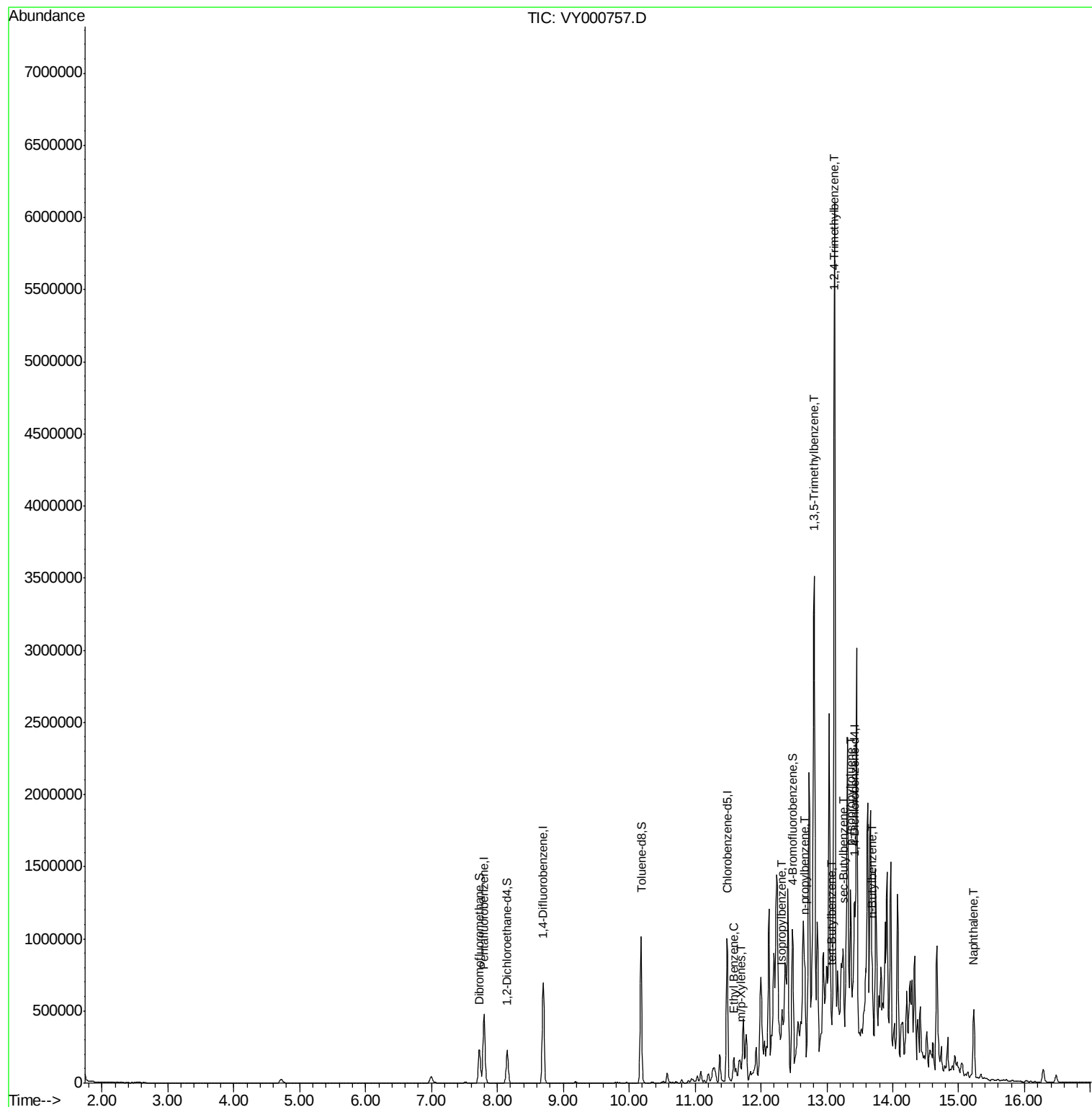
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
67) Ethyl Benzene	11.59	91	105383	5.127	ug/l	100
68) m/p-Xylenes	11.70	106	14435	1.815	ug/l	93
73) Isopropylbenzene	12.33	105	113686	5.982	ug/l	98
78) n-propylbenzene	12.67	91	477239	20.813	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	1010840	63.866	ug/l	100
83) tert-Butylbenzene	13.07	119	29757	2.202	ug/l	91
84) 1,2,4-Trimethylbenzene	13.11	105	3184821	202.099	ug/l	99
85) sec-Butylbenzene	13.25	105	234755	12.193	ug/l #	67
86) p-Isopropyltoluene	13.36	119	252621	14.722	ug/l	100
89) n-Butylbenzene	13.69	91	274932	16.244	ug/l #	76
95) Naphthalene	15.23	128	396575	34.257	ug/l	99

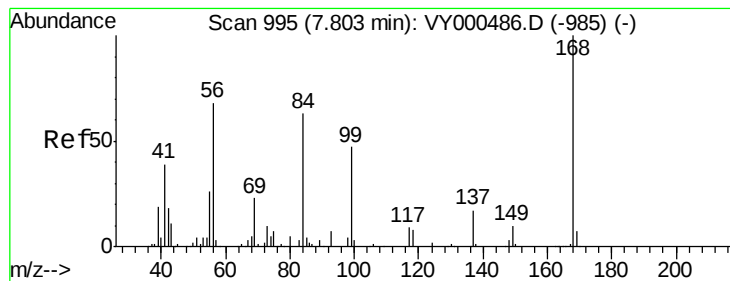
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY112019\
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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: VY000757.D

Acq: 20 Nov 2019 17:16

Instrument :

MSVOA_Y

ClientSampleId :

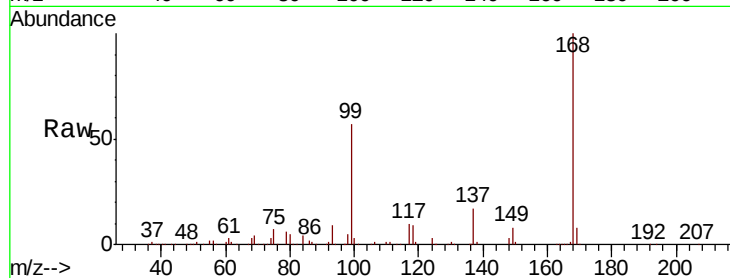
VIBLK

Tot Ion:168 Resp: 369788

Ion Ratio Lower Upper

168 100

99 56.5 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)

7.80

150000

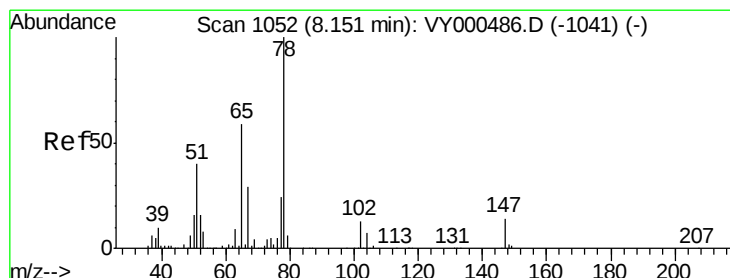
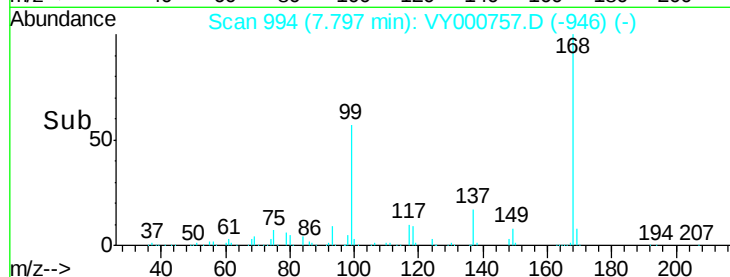
100000

50000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 44.437 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY000757.D

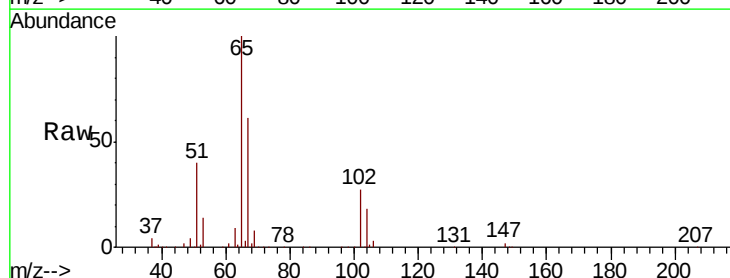
Acq: 20 Nov 2019 17:16

Tgt Ion: 65 Resp: 170054

Ion Ratio Lower Upper

65 100

67 55.8 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY000486.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY000486.D (-1041) (-)

8.15

80000

60000

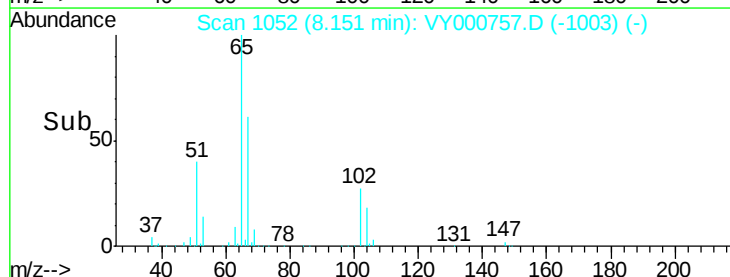
40000

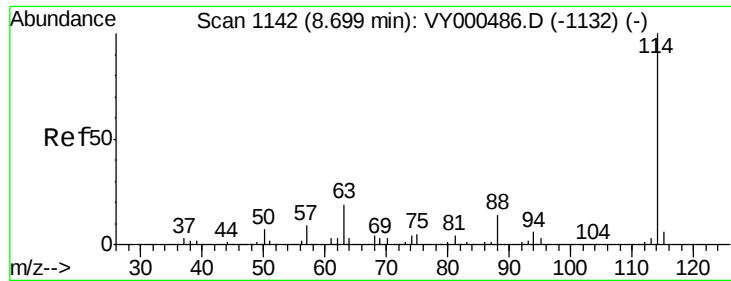
20000

0

8.10 8.20

Time-->

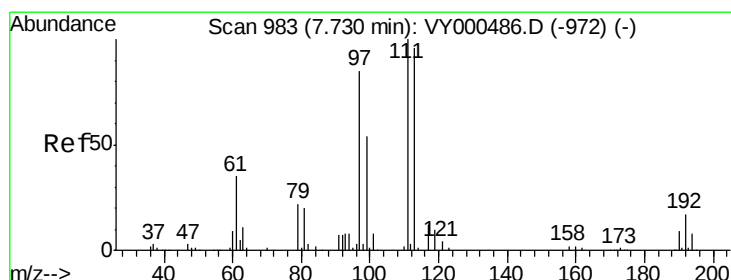
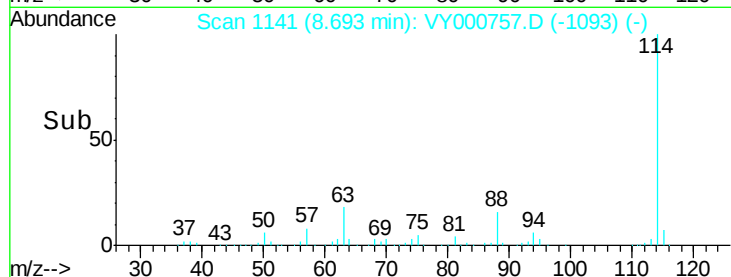
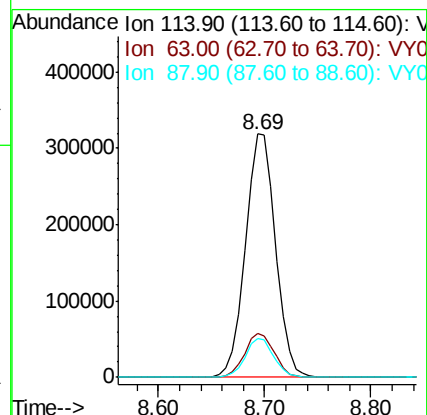
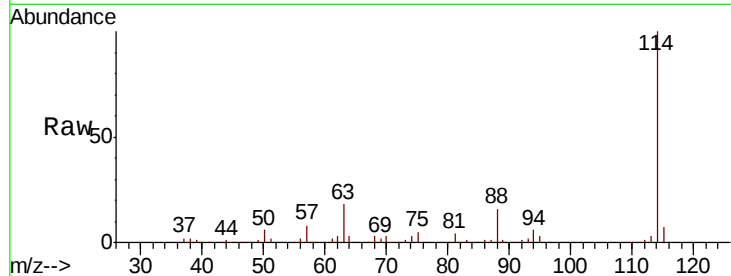




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000757.D
 Acq: 20 Nov 2019 17:16

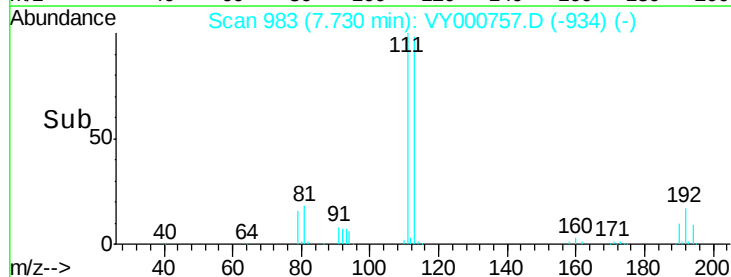
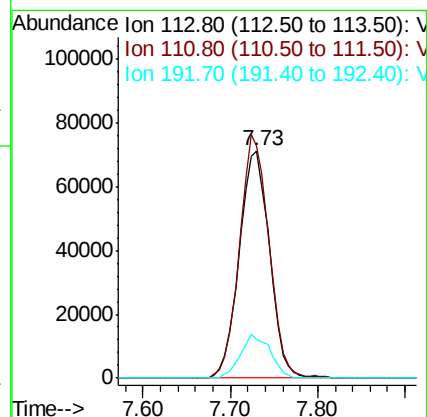
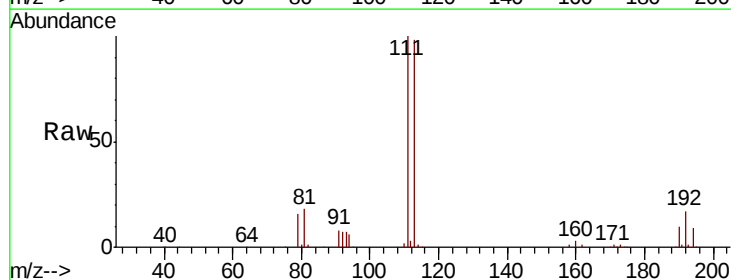
Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

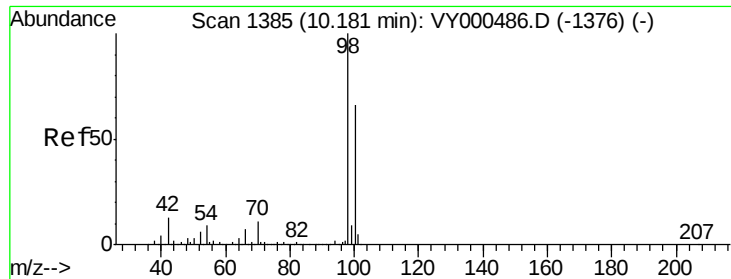
Tot Ion:114 Resp: 632818
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 38.0
 88 15.7 0.0 28.6



#35
 Dibromofluoromethane
 Concen: 46.248 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000757.D
 Acq: 20 Nov 2019 17:16

Tgt Ion:113 Resp: 171814
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.7 122.5
 192 18.9 15.0 22.4





#50

Toluene-d8

Concen: 48.287 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000757.D

Acq: 20 Nov 2019 17:16

Instrument :

MSVOA_Y

ClientSampleId :

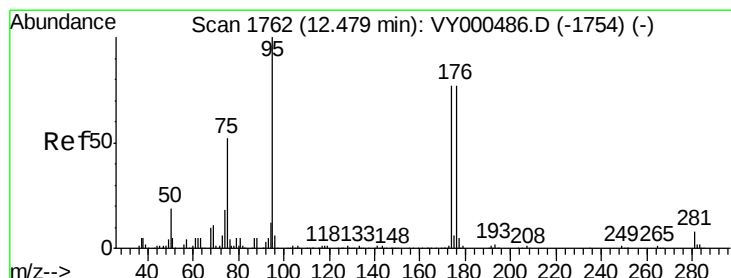
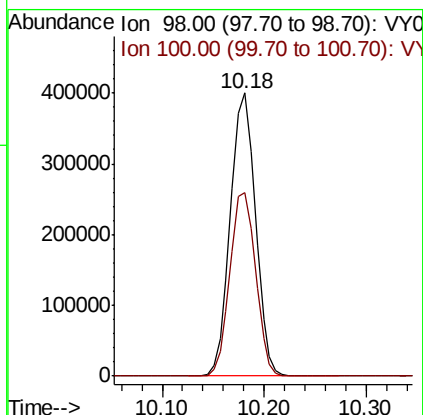
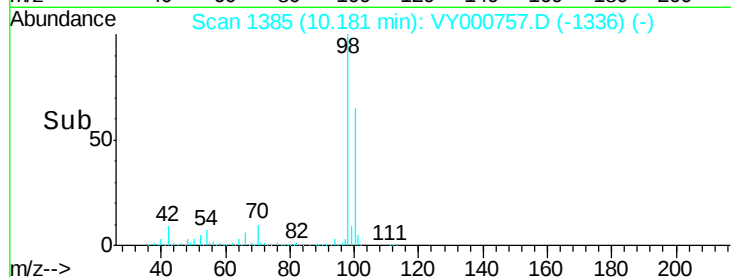
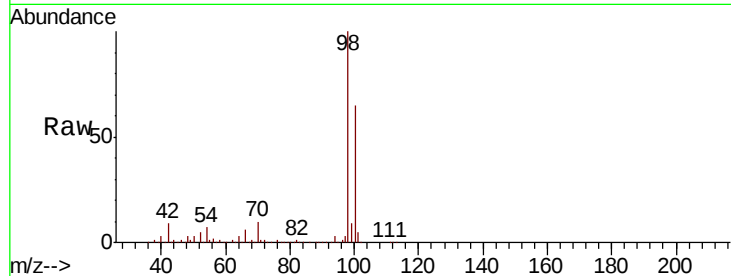
VIBLK

Tot Ion: 98 Resp: 680686

Ion Ratio Lower Upper

98 100

100 66.5 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 48.297 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000757.D

Acq: 20 Nov 2019 17:16

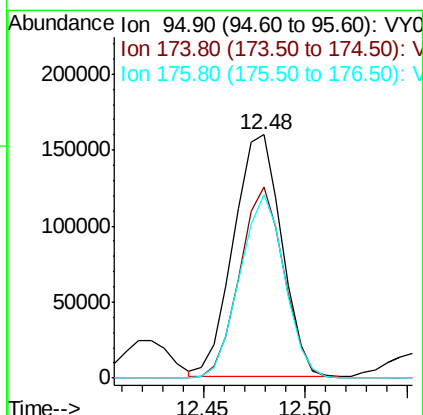
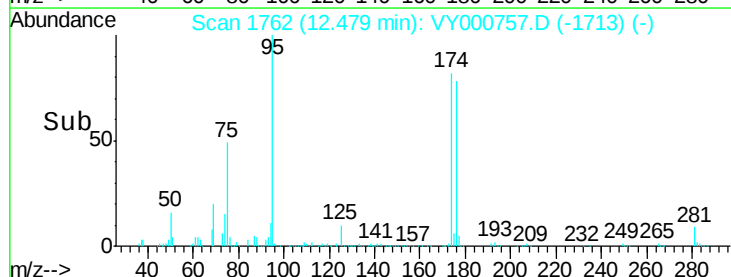
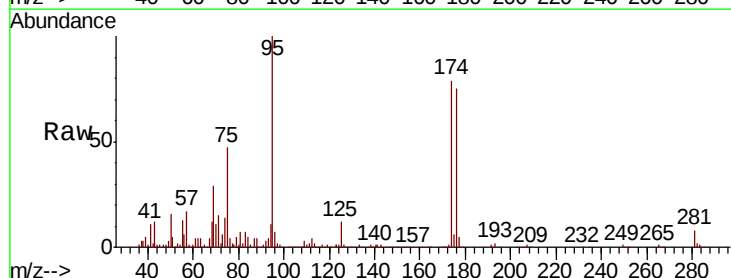
Tgt Ion: 95 Resp: 259187

Ion Ratio Lower Upper

95 100

174 73.4 0.0 161.6

176 71.0 0.0 157.8

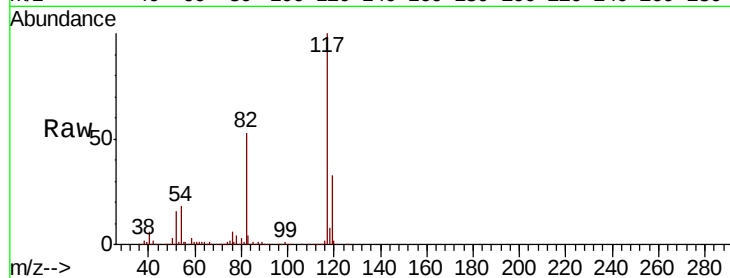




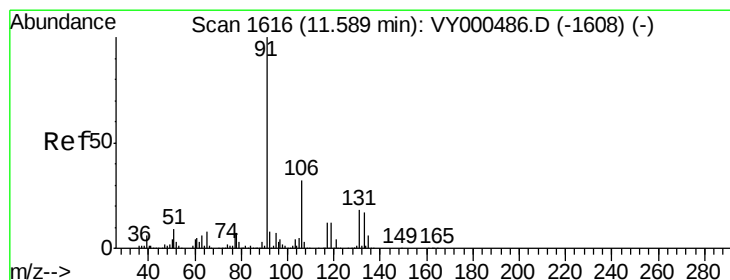
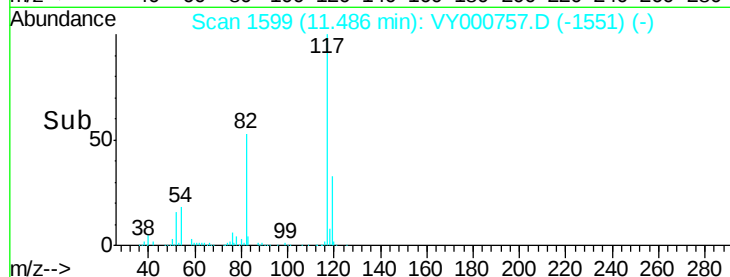
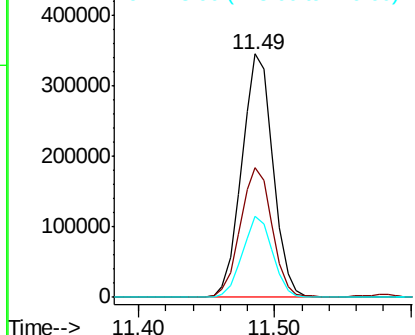
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000757.D
Acq: 20 Nov 2019 17:16

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tot Ion:117 Resp: 550830
Ion Ratio Lower Upper
117 100
82 53.3 40.8 61.2
119 33.1 26.2 39.2

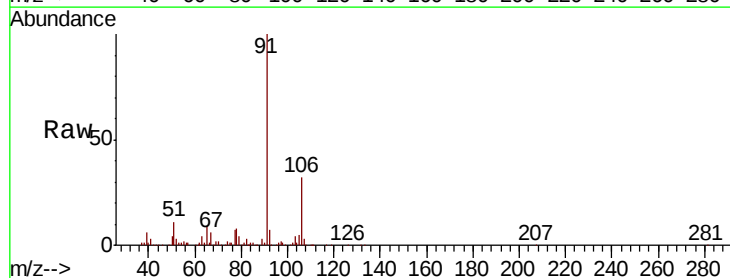


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

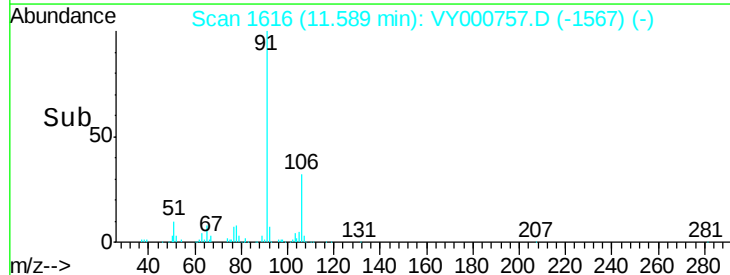
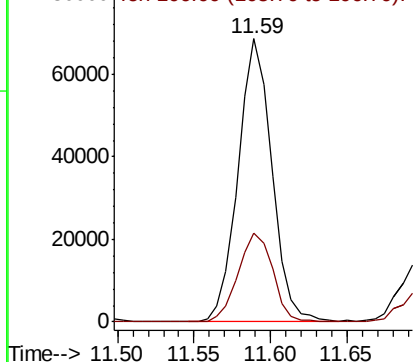


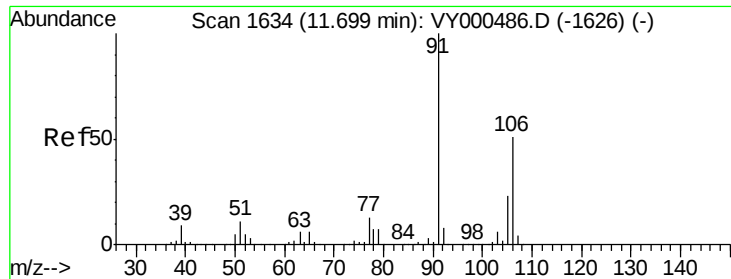
#67
Ethyl Benzene
Concen: 5.127 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000757.D
Acq: 20 Nov 2019 17:16

Tgt Ion: 91 Resp: 105383
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 106.00 (105.70 to 106.70): V

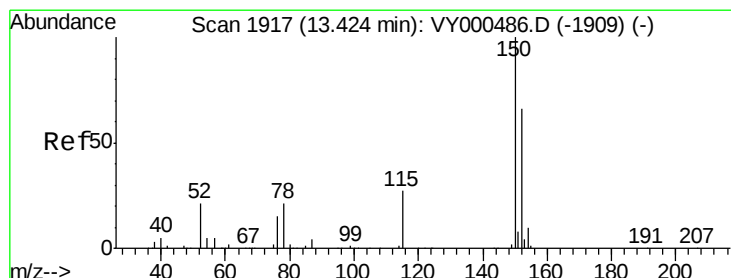
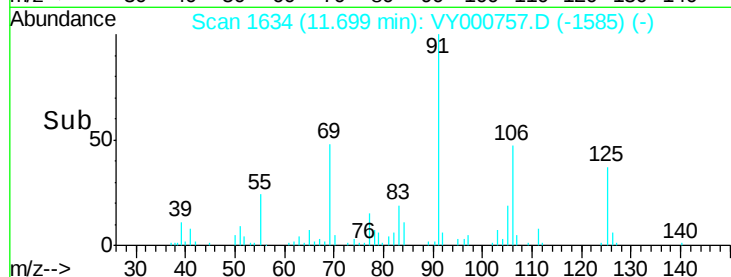
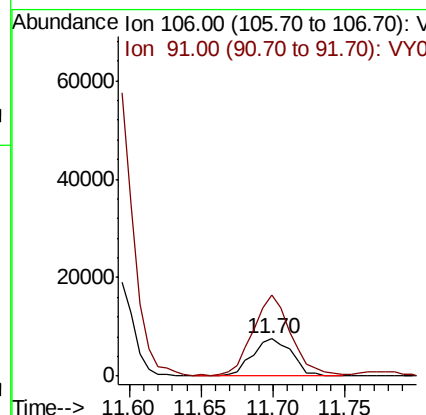
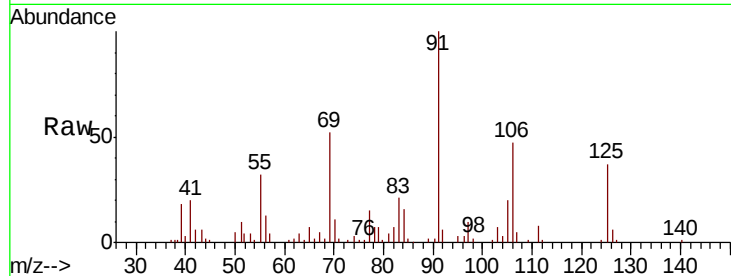




#68
m/p-Xvlenes
Concen: 1.815 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY000757.D
Acq: 20 Nov 2019 17:16

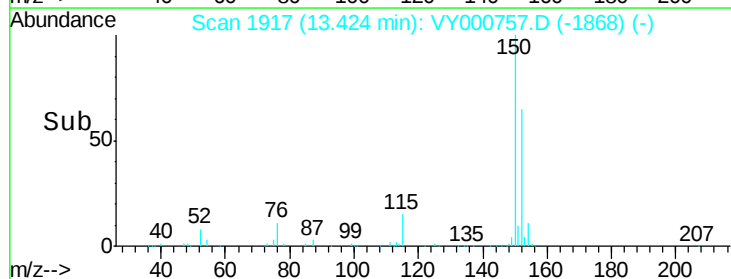
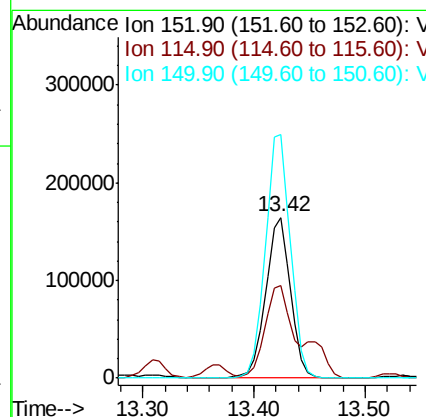
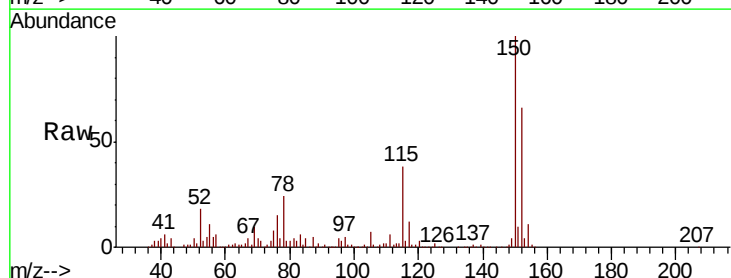
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

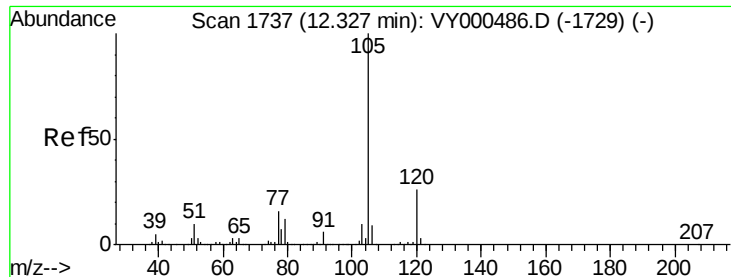
Tot Ion:106 Resp: 14435
Ion Ratio Lower Upper
106 100
91 206.0 155.9 233.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000757.D
Acq: 20 Nov 2019 17:16

Tgt Ion:152 Resp: 257131
Ion Ratio Lower Upper
152 100
115 60.5 29.1 87.4
150 152.1 0.0 348.8





#73

Isopropylbenzene

Concen: 5.982 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY000757.D

Acq: 20 Nov 2019 17:16

Instrument :

MSVOA_Y

ClientSampleId :

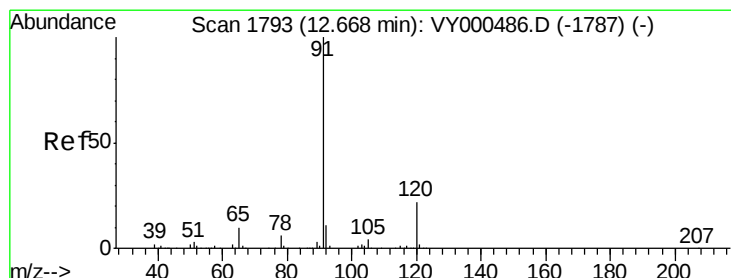
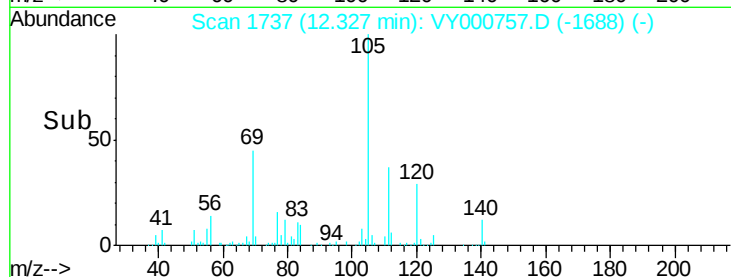
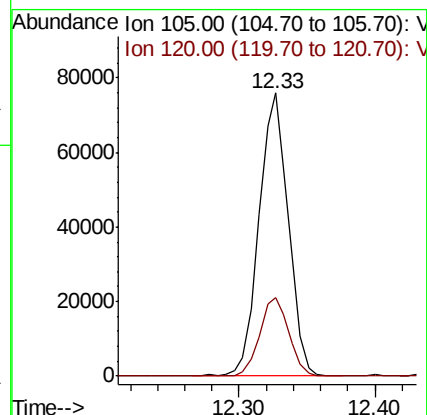
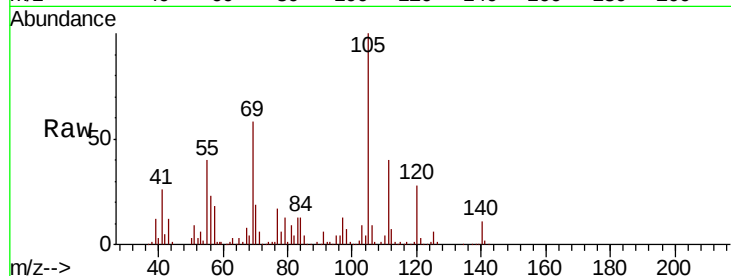
VIBLK

Tot Ion:105 Resp: 113686

Ion Ratio Lower Upper

105 100

120 28.0 13.5 40.4



#78

n-propylbenzene

Concen: 20.813 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY000757.D

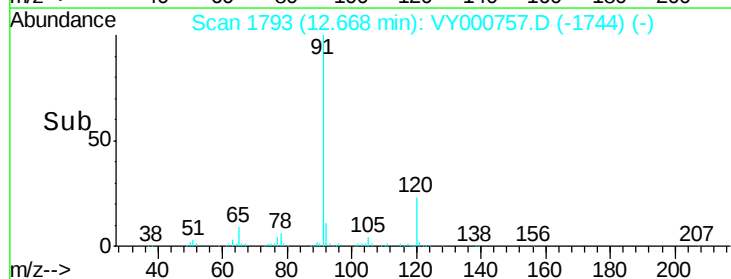
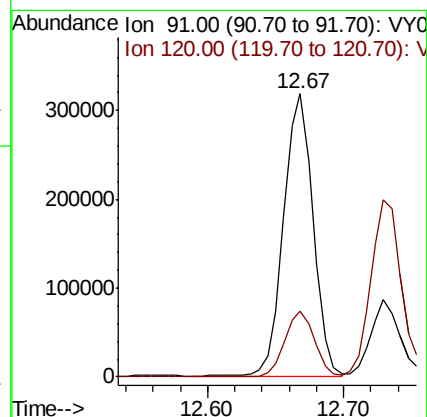
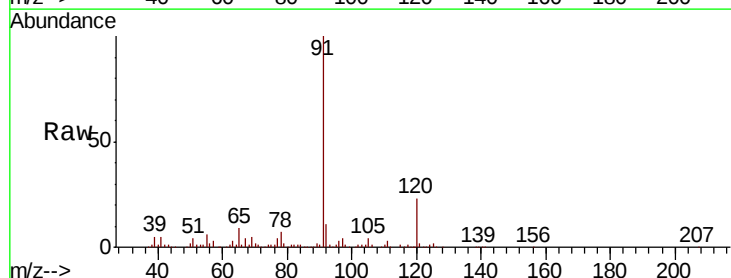
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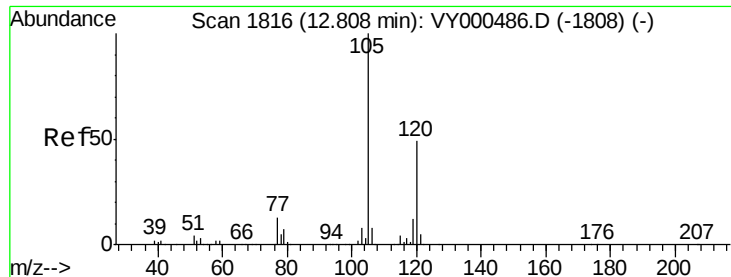
Tgt Ion: 91 Resp: 477239

Ion Ratio Lower Upper

91 100

120 23.5 11.4 34.1





#80

1,3,5-Trimethylbenzene

Concen: 63.866 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY000757.D

Acq: 20 Nov 2019 17:16

Instrument :

MSVOA_Y

ClientSampled :

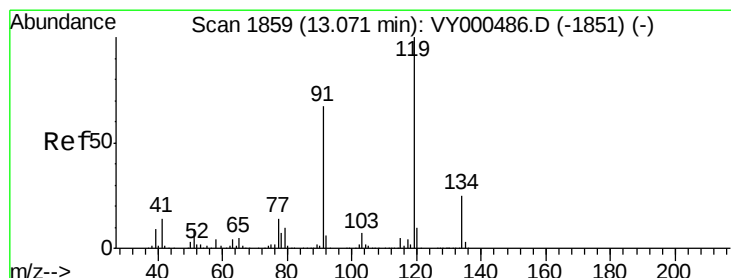
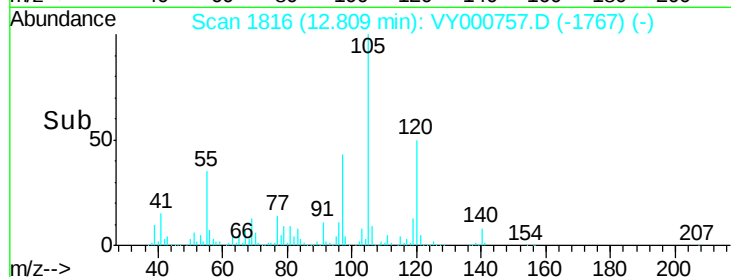
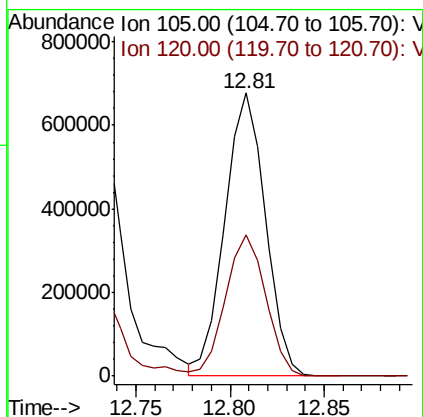
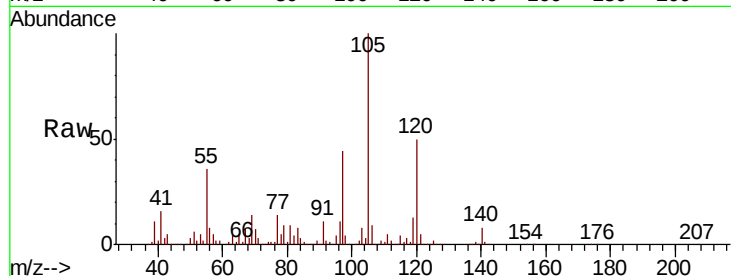
VIBLK

Tot Ion:105 Resp: 1010840

Ion Ratio Lower Upper

105 100

120 49.7 24.9 74.8



#83

tert-Butylbenzene

Concen: 2.202 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VY000757.D

Acq: 20 Nov 2019 17:16

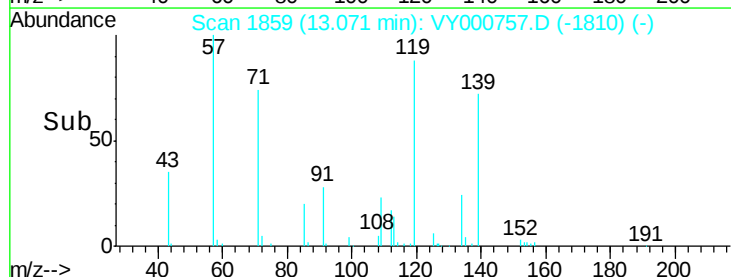
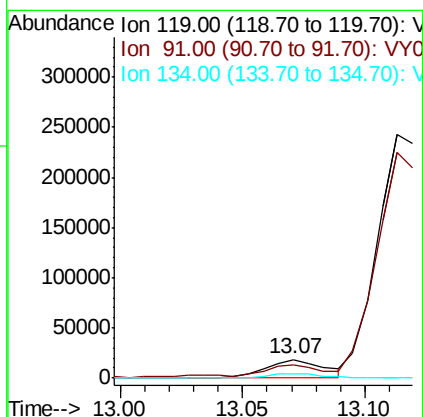
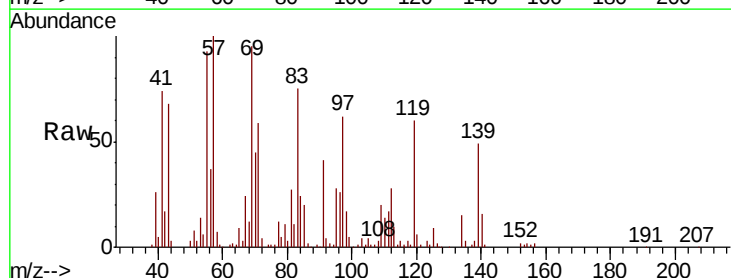
Tgt Ion:119 Resp: 29757

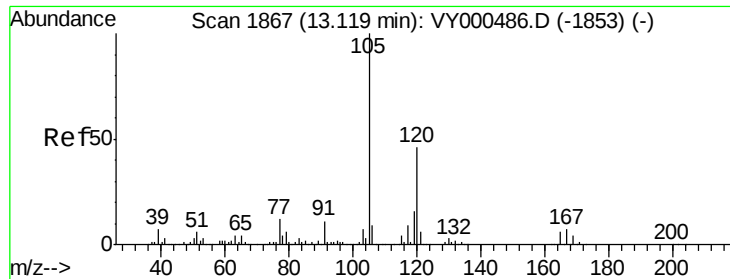
Ion Ratio Lower Upper

119 100

91 73.0 32.1 96.3

134 24.0 13.2 39.5

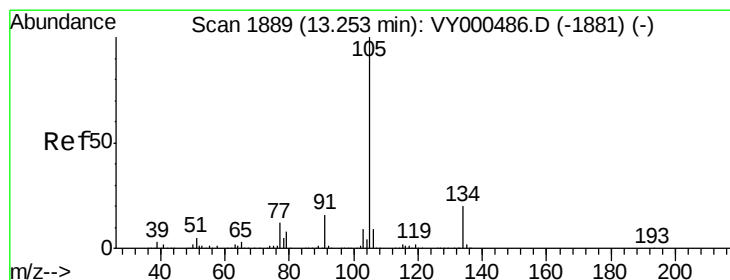
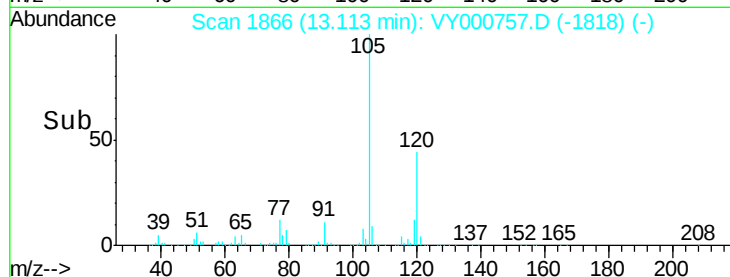
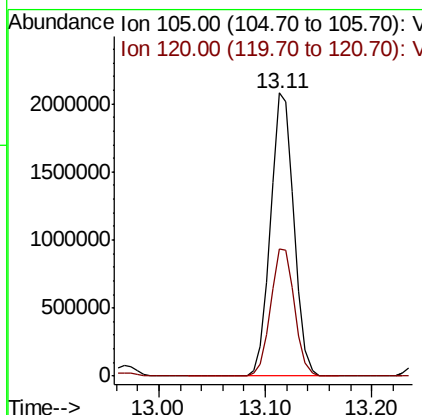
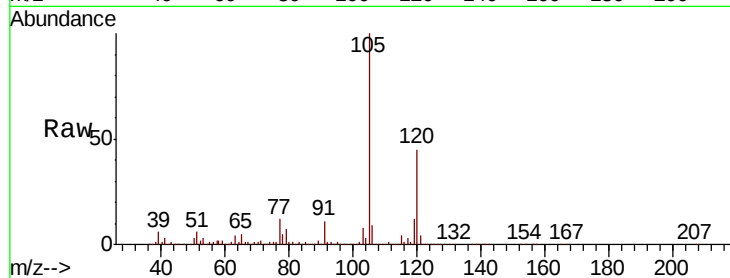




#84
 1,2,4-Trimethylbenzene
 Concen: 202.099 ug/l
 RT: 13.11 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: VY000757.D
 Acq: 20 Nov 2019 17:16

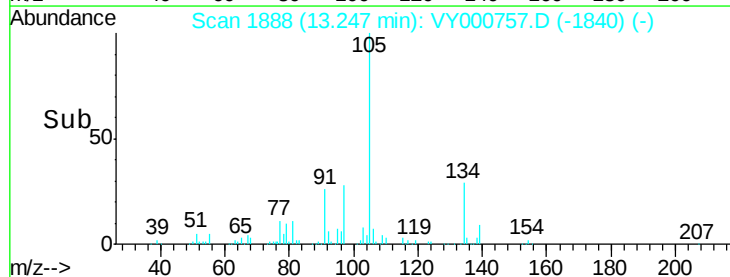
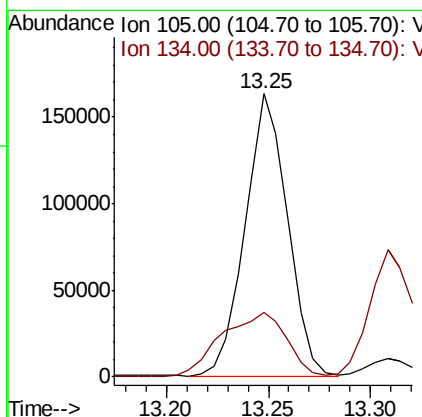
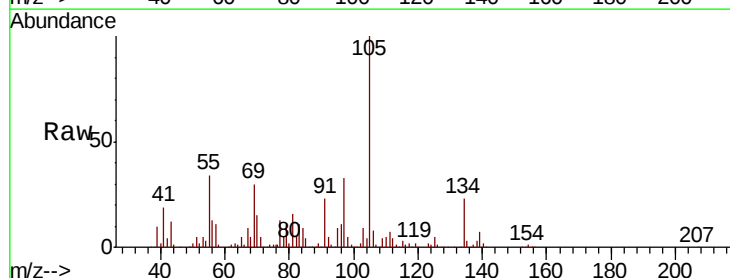
Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

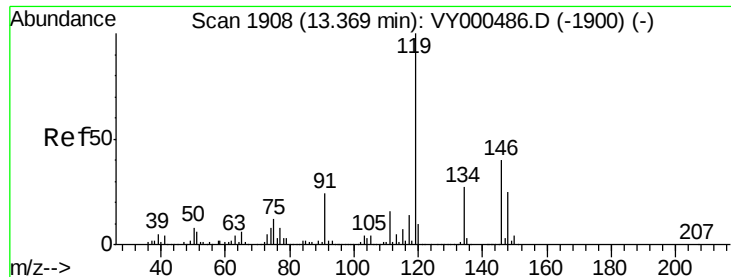
Tot Ion:105 Resp: 3184821
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.3 69.9



#85
 sec-Butylbenzene
 Concen: 12.193 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: VY000757.D
 Acq: 20 Nov 2019 17:16

Tgt Ion:105 Resp: 234755
 Ion Ratio Lower Upper
 105 100
 134 35.1 10.1 30.1#

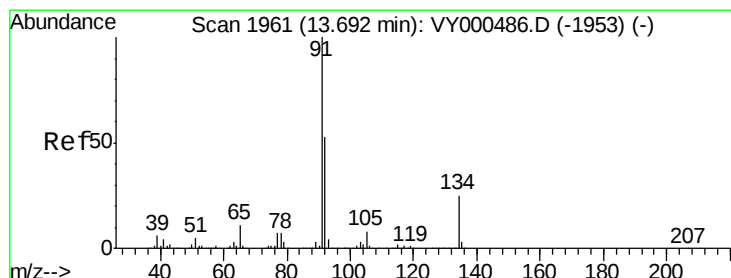
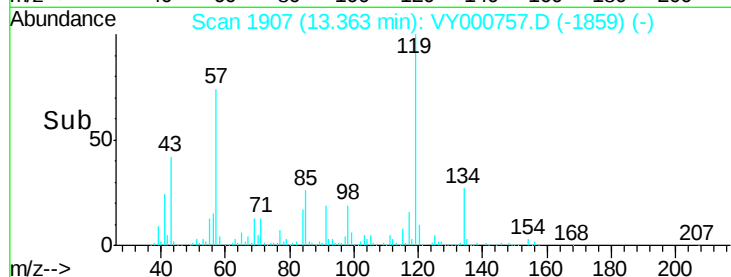
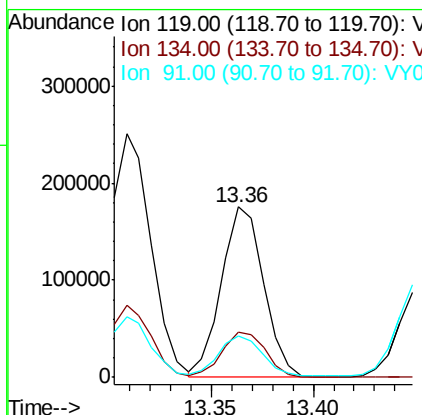
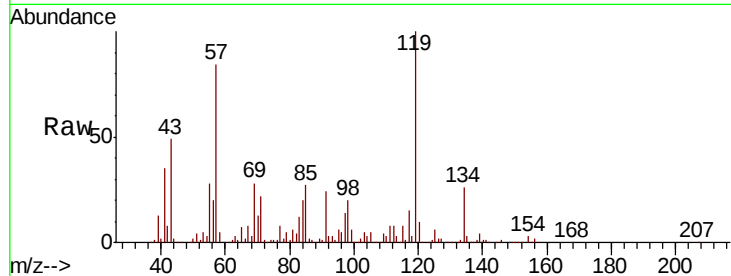




#86
p-Isopropyltoluene
Concen: 14.722 ug/l
RT: 13.36 min Scan# 1907
Delta R.T. -0.01 min
Lab File: VY000757.D
Acq: 20 Nov 2019 17:16

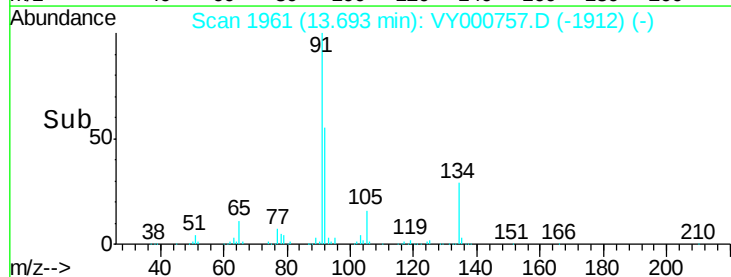
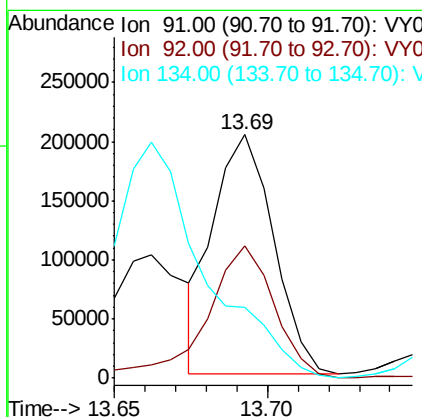
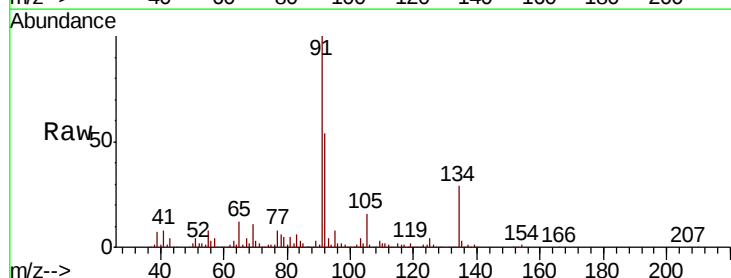
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

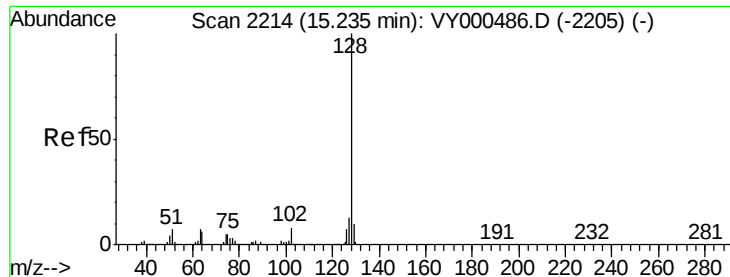
Tot Ion:119 Resp: 252621
Ion Ratio Lower Upper
119 100
134 27.1 13.6 40.8
91 24.1 12.0 36.1



#89
n-Butylbenzene
Concen: 16.244 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY000757.D
Acq: 20 Nov 2019 17:16

Tgt Ion: 91 Resp: 274932
Ion Ratio Lower Upper
91 100
92 61.5 26.8 80.3
134 0.0 12.9 38.7#





#95
Naphthalene
Concen: 34.257 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.01 min
Lab File: VY000757.D
Acq: 20 Nov 2019 17:16

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	9.8	14.6
129	10.7	8.7	13.1

