

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022020\
 Data File : VY001723.D
 Acq On : 20 Feb 2020 14:50
 Operator : SY/MD
 Sample : L1589-03
 Misc : 8.18G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB5-4.5-5.0

Quant Time: Feb 21 08:32:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

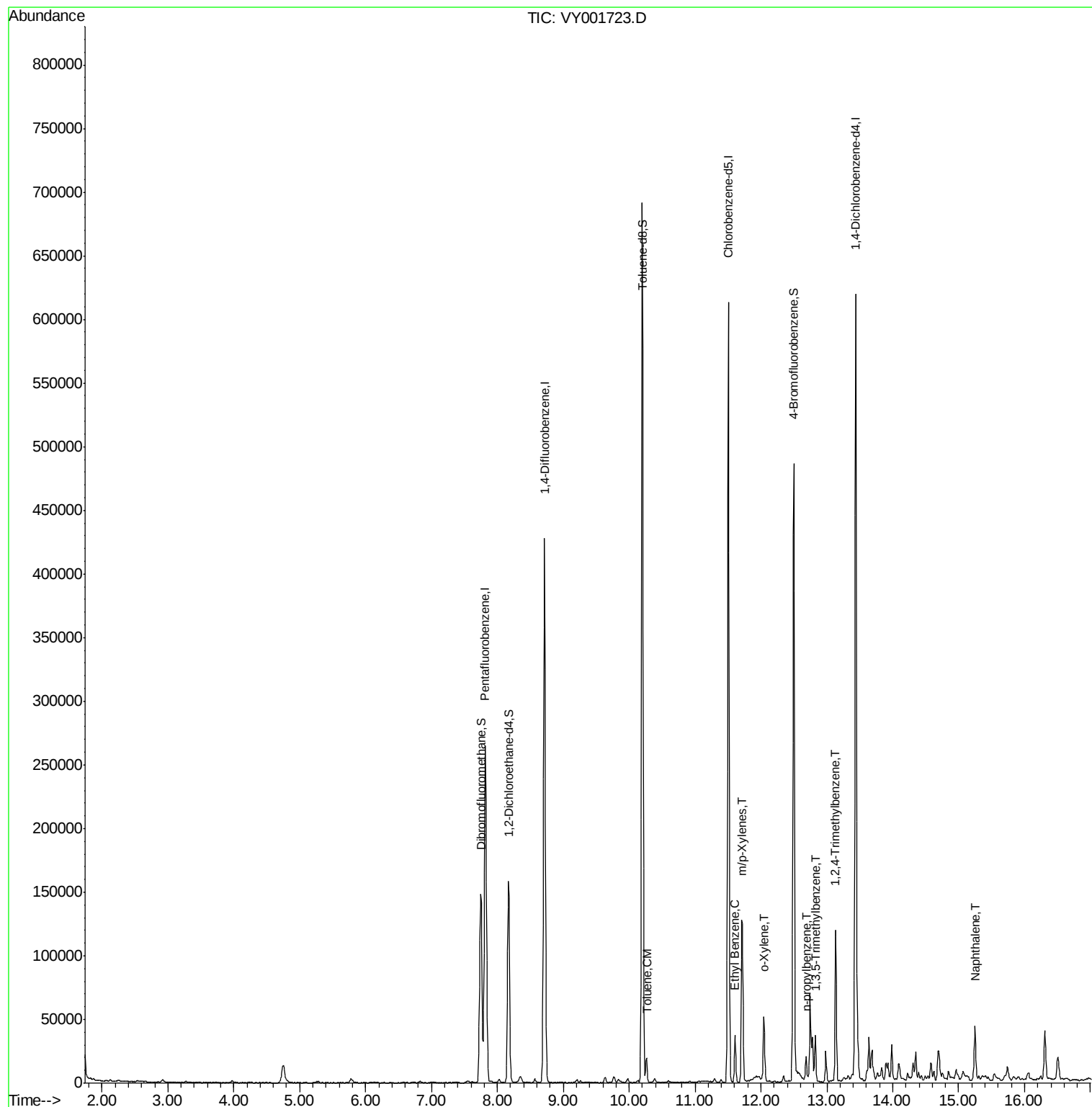
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	203061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	379414	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	340111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	157821	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	116921	53.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.06%	
35) Dibromofluoromethane	7.75	113	110674	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.86%	
50) Toluene-d8	10.20	98	454932	53.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.88%	
62) 4-Bromofluorobenzene	12.50	95	164304	49.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.36%	
Target Compounds						
52) Toluene	10.26	92	8190	1.232	ug/l	97
67) Ethyl Benzene	11.61	91	26064	2.068	ug/l	97
68) m/p-Xylenes	11.72	106	39452	8.381	ug/l	99
69) o-Xylene	12.04	106	14026	3.134	ug/l	92
78) n-propylbenzene	12.69	91	14876	1.016	ug/l	97
80) 1,3,5-Trimethylbenzene	12.83	105	17027	1.711	ug/l	97
84) 1,2,4-Trimethylbenzene	13.13	105	65264	6.578	ug/l	99
95) Naphthalene	15.25	128	31985	4.487	ug/l	98

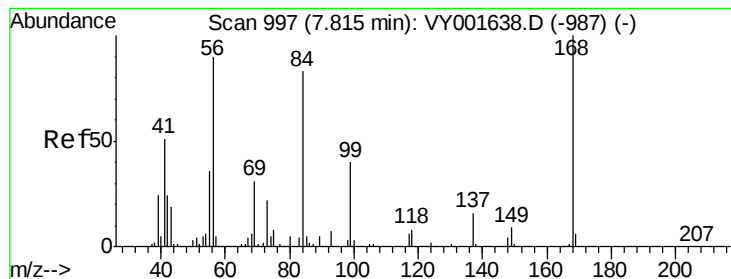
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001723.D

Acq: 20 Feb 2020 14:50

Instrument :

MSVOA_Y

ClientSampleId :

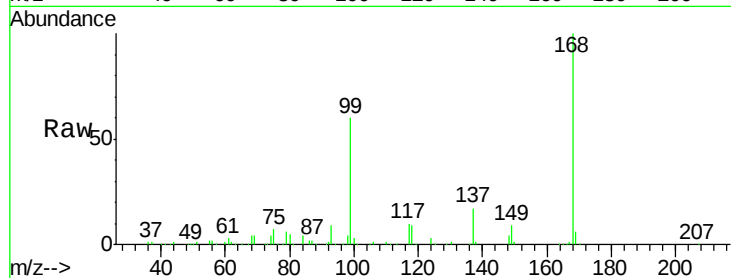
SB5-4.5-5.0

Tot Ion:168 Resp: 203061

Ion Ratio Lower Upper

168 100

99 59.5 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.82

100000

80000

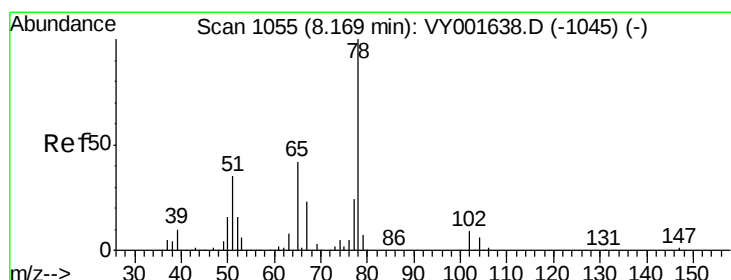
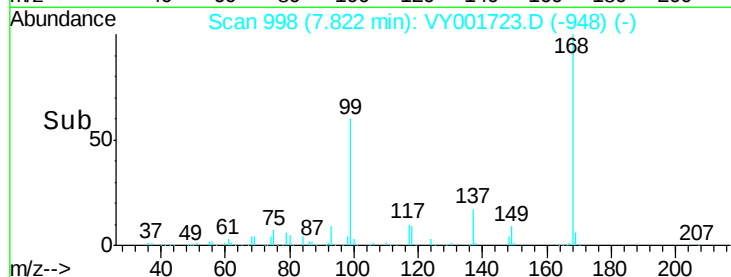
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.530 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY001723.D

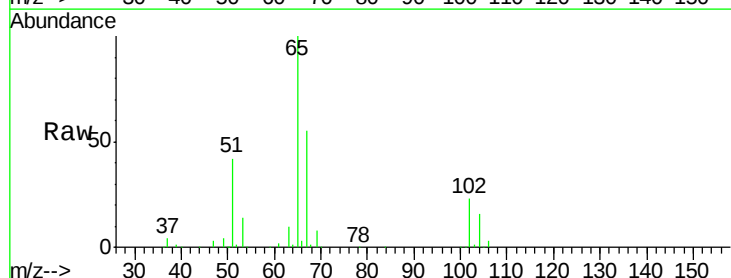
Acq: 20 Feb 2020 14:50

Tgt Ion: 65 Resp: 116921

Ion Ratio Lower Upper

65 100

67 54.5 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

8.17

60000

50000

40000

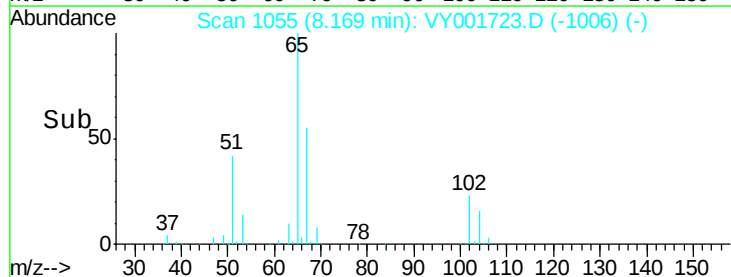
30000

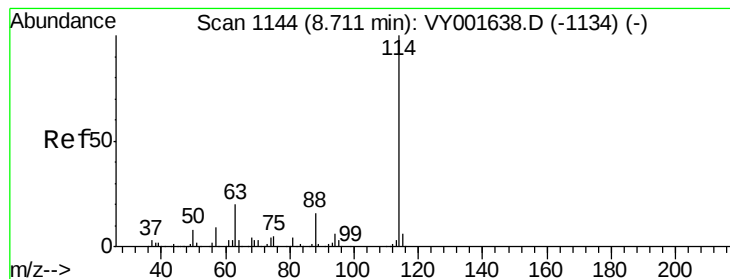
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY001723.D

Acq: 20 Feb 2020 14:50

Instrument :

MSVOA_Y

ClientSampleId :

SB5-4.5-5.0

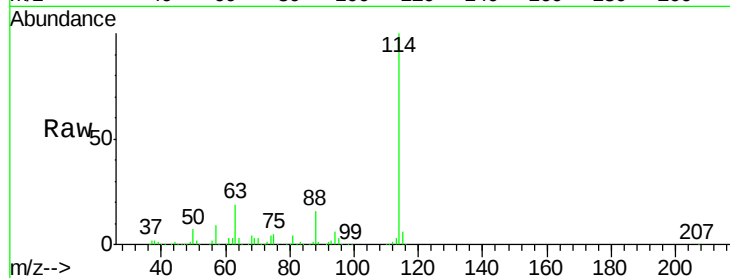
Tot Ion:114 Resp: 379414

Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.4

88 16.2 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

250000

200000

150000

100000

50000

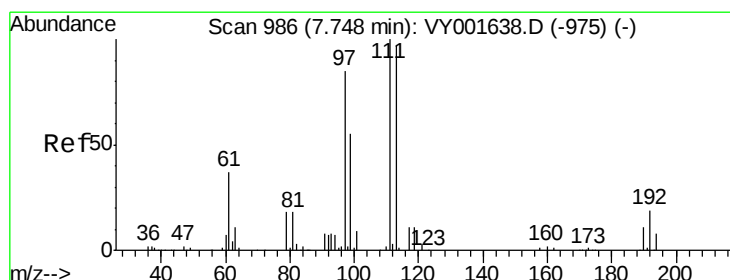
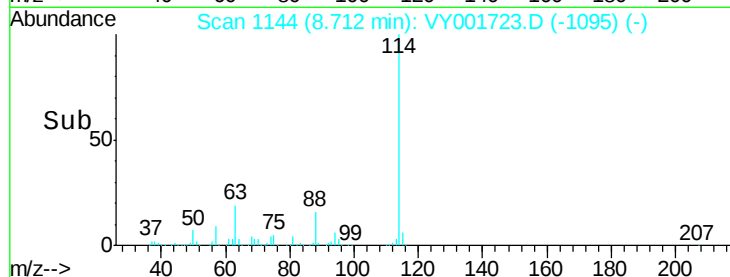
0

8.60

8.70

8.80

Time-->



#35

Dibromofluoromethane

Concen: 50.929 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.00 min

Lab File: VY001723.D

Acq: 20 Feb 2020 14:50

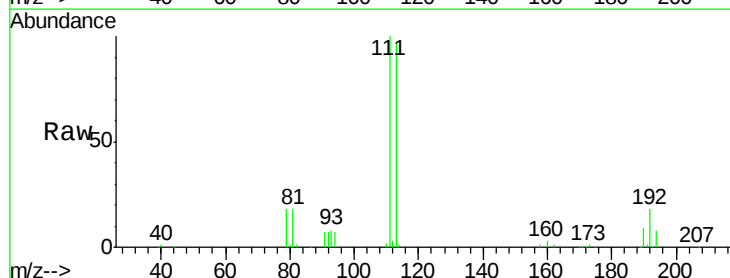
Tgt Ion:113 Resp: 110674

Ion Ratio Lower Upper

113 100

111 103.2 81.9 122.9

192 17.8 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

60000

50000

40000

30000

20000

10000

0

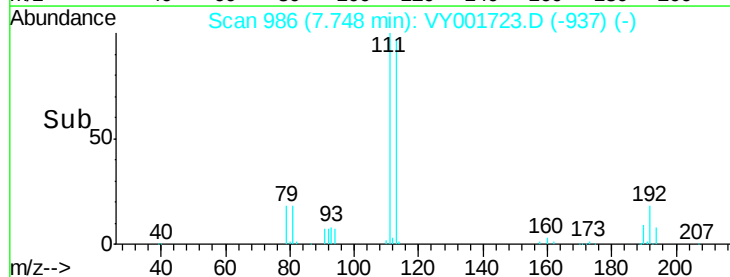
7.60

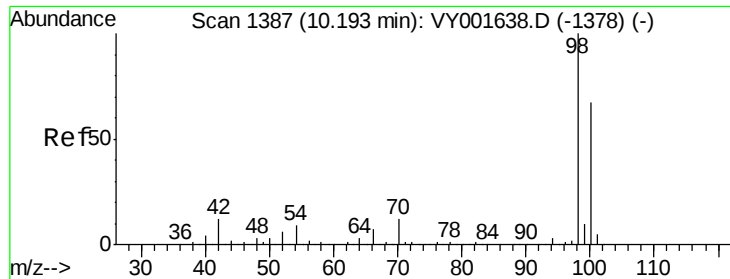
7.70

7.80

7.90

Time-->





#50

Toluene-d8

Concen: 53.436 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001723.D

Acq: 20 Feb 2020 14:50

Instrument :

MSVOA_Y

ClientSampleId :

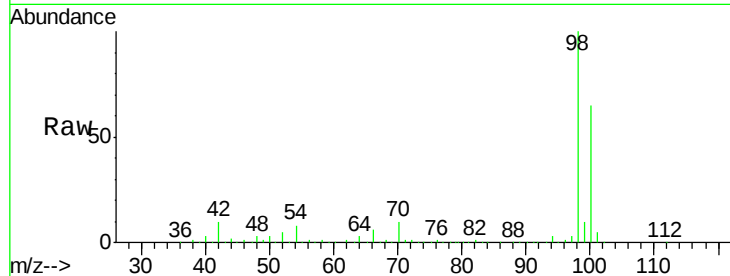
SB5-4.5-5.0

Tot Ion: 98 Resp: 454932

Ion Ratio Lower Upper

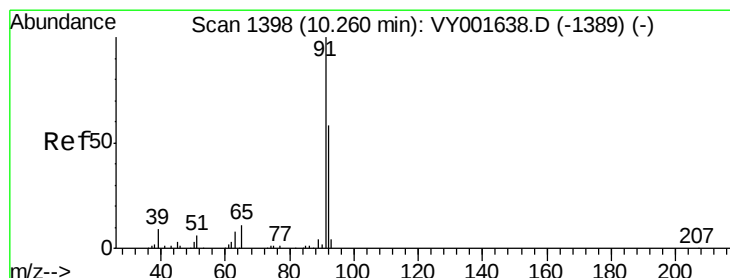
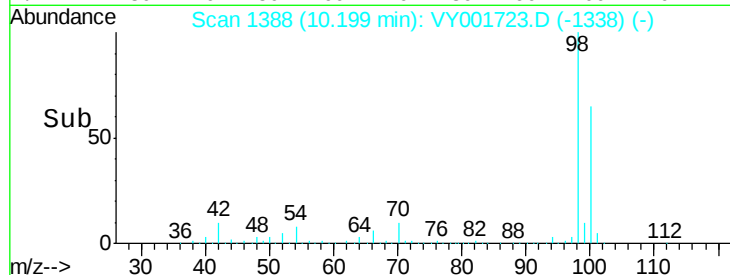
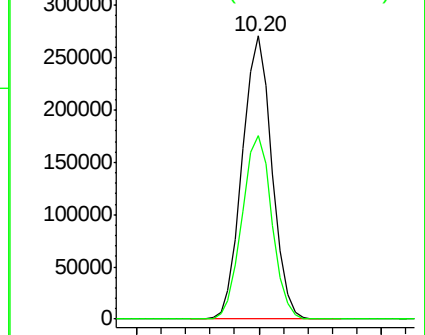
98 100

100 65.5 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#52

Toluene

Concen: 1.232 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. 0.00 min

Lab File: VY001723.D

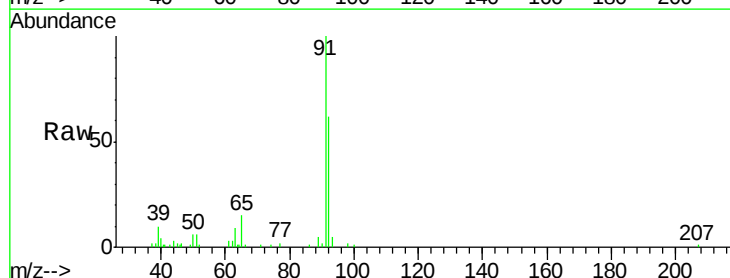
Acq: 20 Feb 2020 14:50

Tgt Ion: 92 Resp: 8190

Ion Ratio Lower Upper

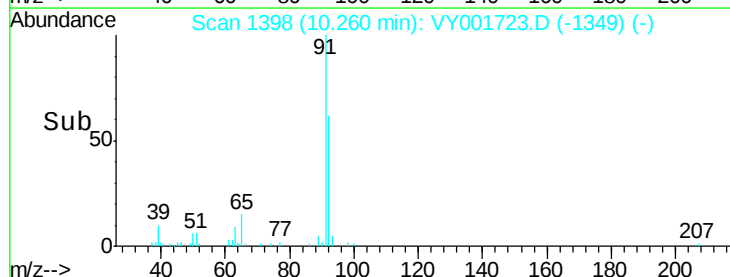
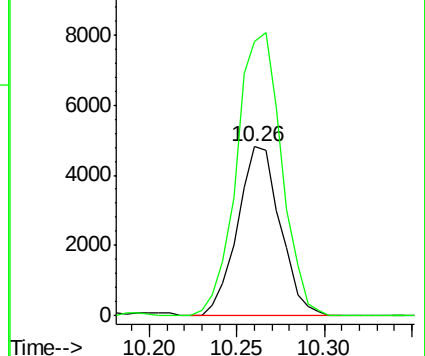
92 100

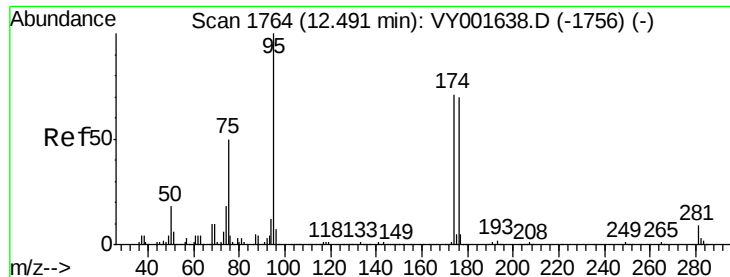
91 175.6 137.0 205.6



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

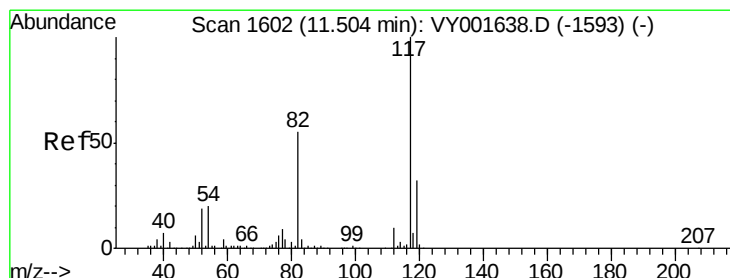
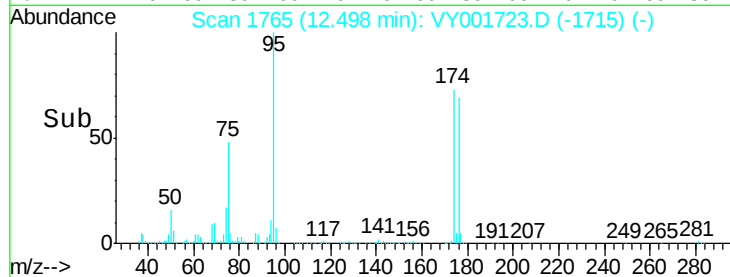
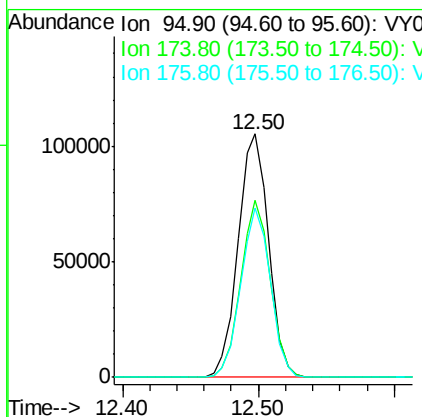
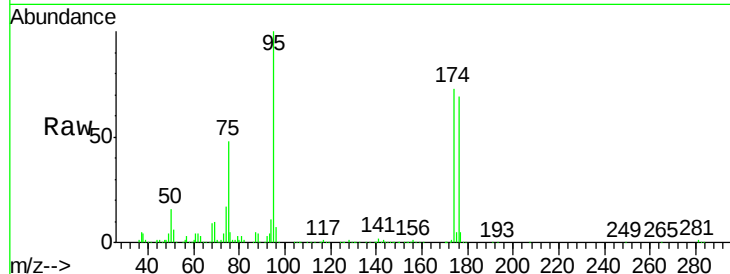




#62
4-Bromofluorobenzene
Concen: 49.677 ug/l
RT: 12.50 min Scan# 1765
Delta R.T. 0.01 min
Lab File: VY001723.D
Acq: 20 Feb 2020 14:50

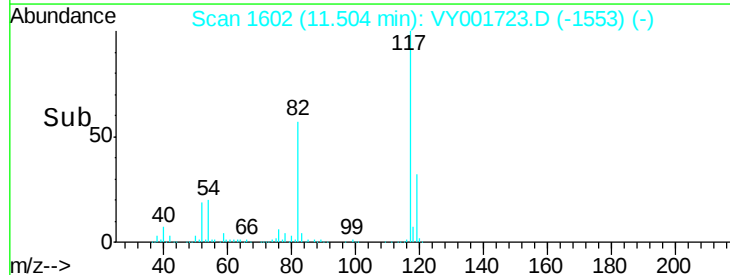
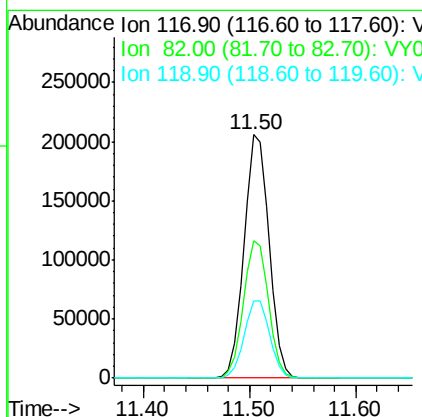
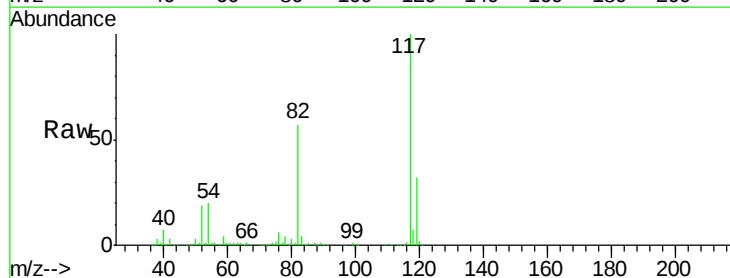
Instrument :
MSVOA_Y
ClientSampleId :
SB5-4.5-5.0

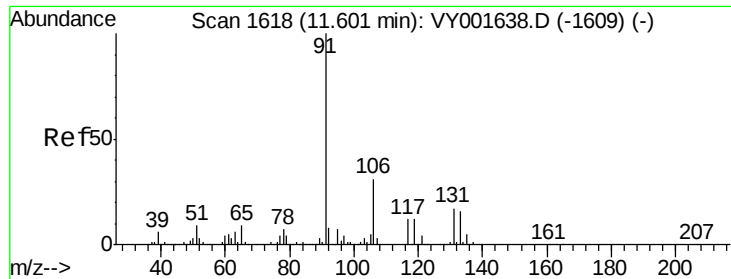
Tot Ion	Ratio	Lower	Upper
95	100		
174	70.5	0.0	138.4
176	67.6	0.0	131.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001723.D
Acq: 20 Feb 2020 14:50

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.6	45.5	68.3
119	31.9	25.8	38.6

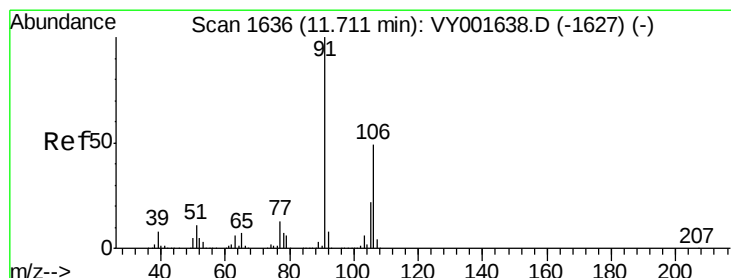
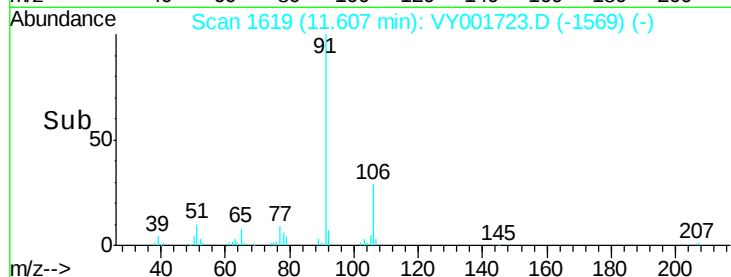
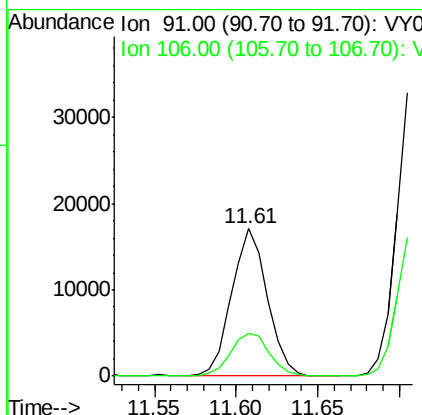
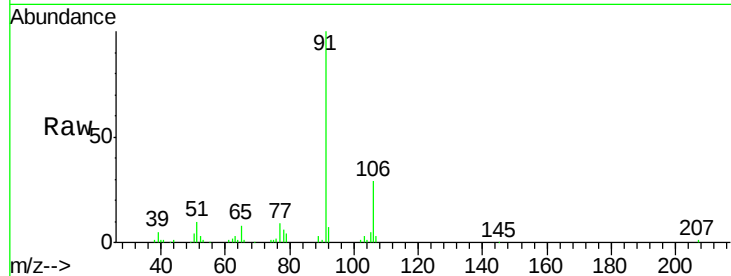




#67
Ethyl Benzene
Concen: 2.068 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001723.D
Acq: 20 Feb 2020 14:50

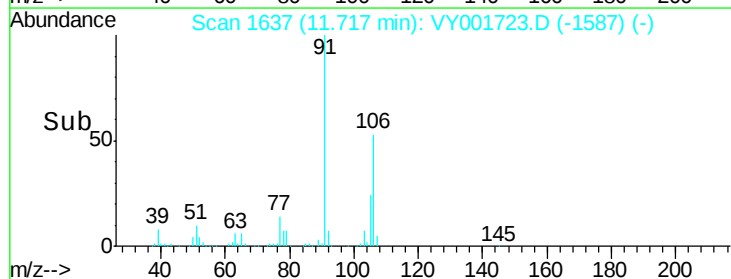
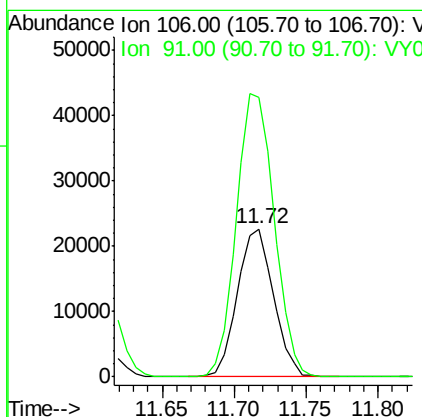
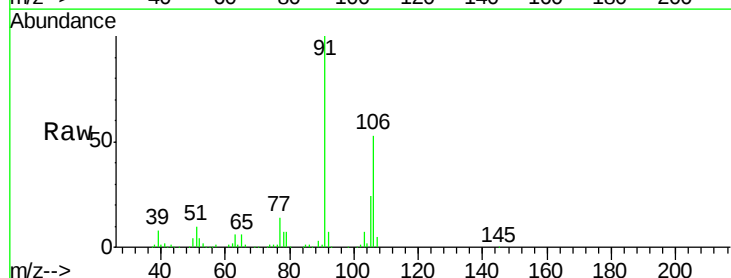
Instrument :
MSVOA_Y
ClientSampled :
SB5-4.5-5.0

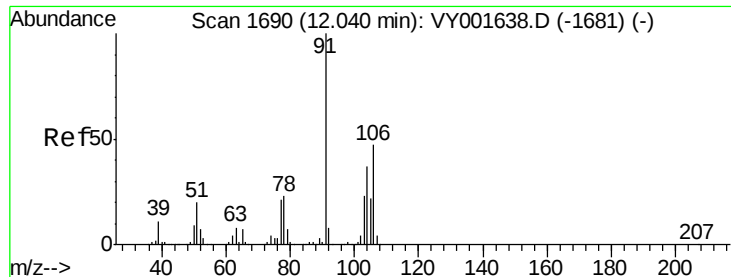
Tot Ion: 91 Resp: 26064
Ion Ratio Lower Upper
91 100
106 29.0 24.5 36.7



#68
m/p-Xylenes
Concen: 8.381 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY001723.D
Acq: 20 Feb 2020 14:50

Tgt Ion: 106 Resp: 39452
Ion Ratio Lower Upper
106 100
91 202.2 163.3 244.9

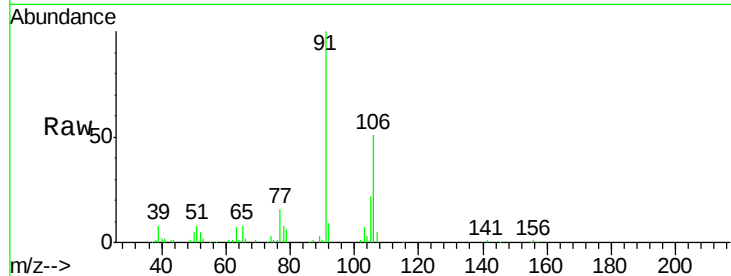




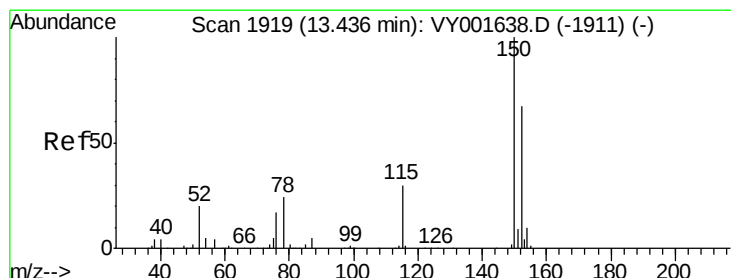
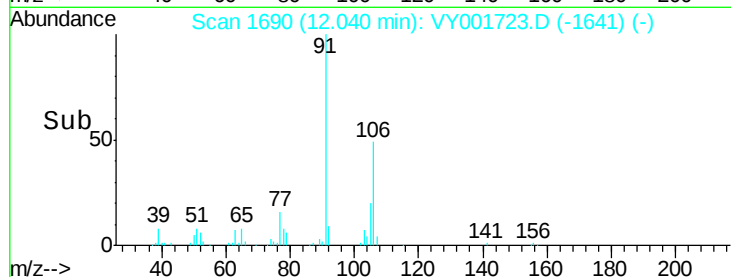
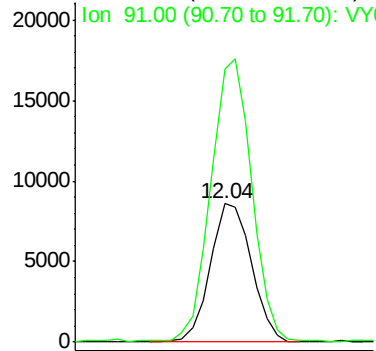
#69
o-Xylene
Concen: 3.134 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001723.D
Acq: 20 Feb 2020 14:50

Instrument :
MSVOA_Y
ClientSampled :
SB5-4.5-5.0

Tot Ion:106 Resp: 14026
Ion Ratio Lower Upper
106 100
91 204.4 108.3 324.9

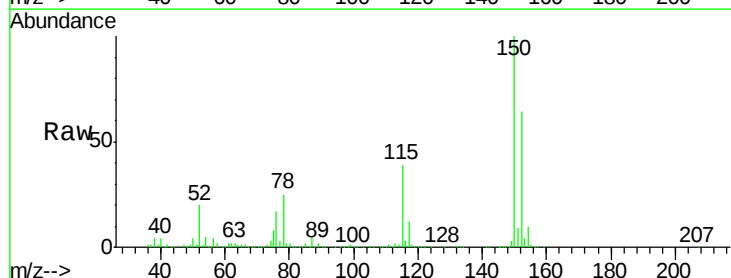


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

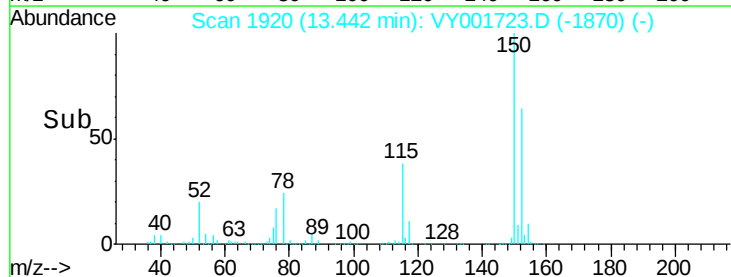
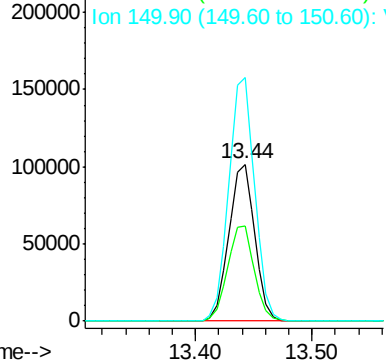


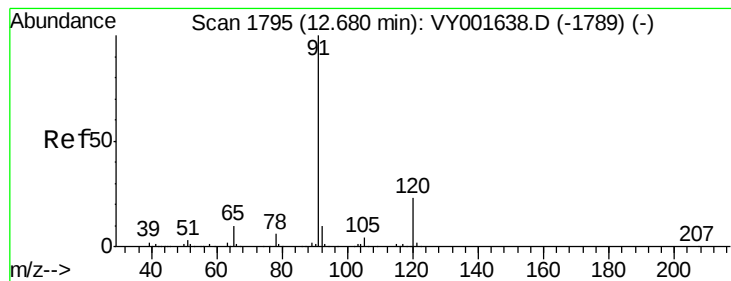
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VY001723.D
Acq: 20 Feb 2020 14:50

Tgt Ion:152 Resp: 157821
Ion Ratio Lower Upper
152 100
115 63.4 31.4 94.2
150 155.9 0.0 407.2



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





#78

n-propylbenzene

Concen: 1.016 ug/l

RT: 12.69 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VY001723.D

Acq: 20 Feb 2020 14:50

Instrument :

MSVOA_Y

ClientSampled :

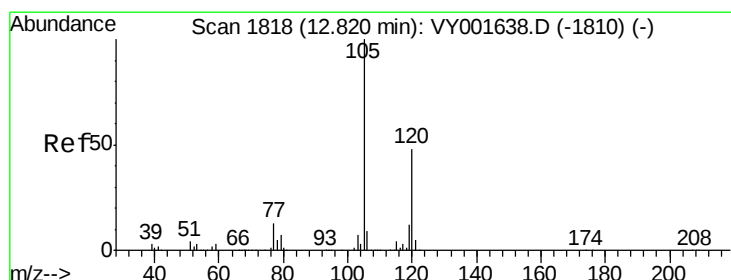
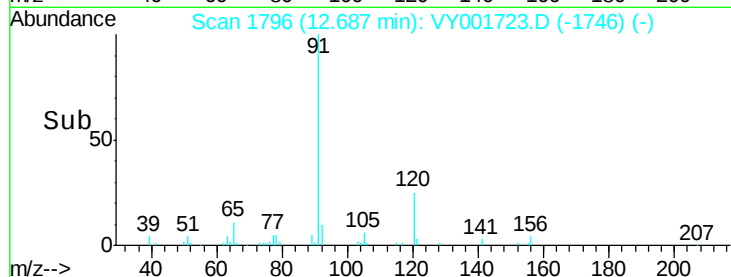
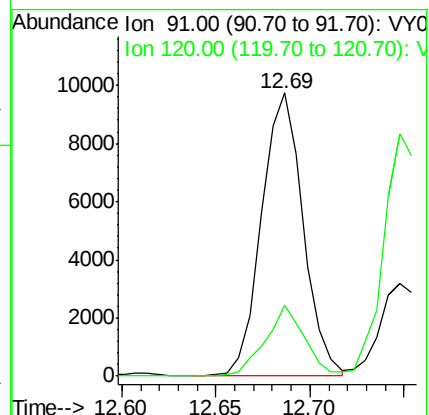
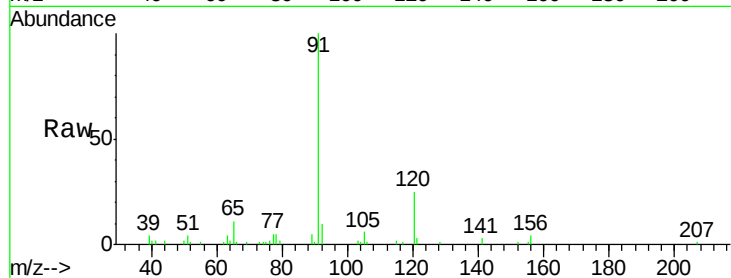
SB5-4.5-5.0

Tot Ion: 91 Resp: 14876

Ion Ratio Lower Upper

91 100

120 23.7 11.1 33.1



#80

1,3,5-Trimethylbenzene

Concen: 1.711 ug/l

RT: 12.83 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VY001723.D

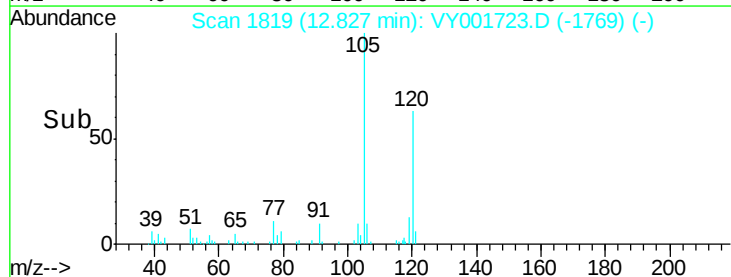
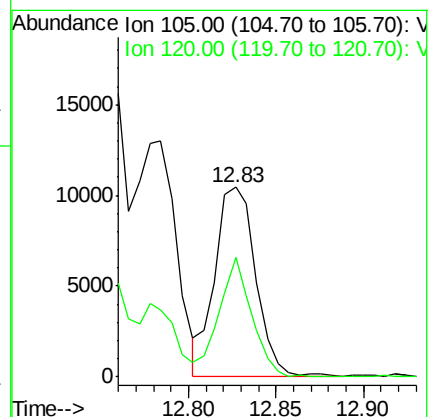
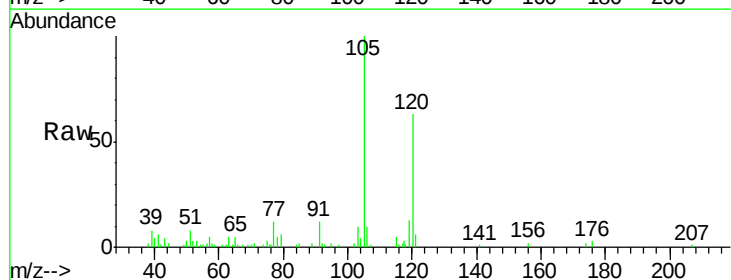
Acq: 20 Feb 2020 14:50

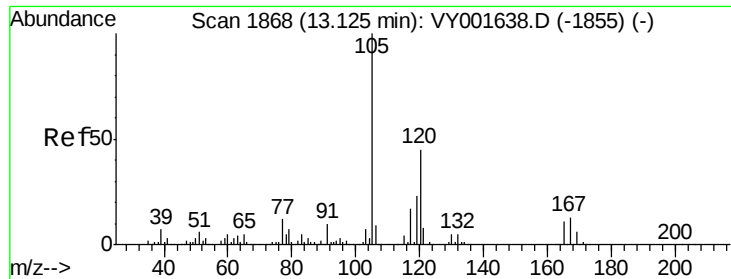
Tgt Ion: 105 Resp: 17027

Ion Ratio Lower Upper

105 100

120 50.5 24.3 72.9

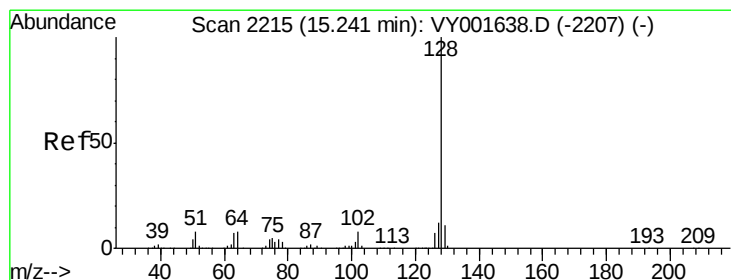
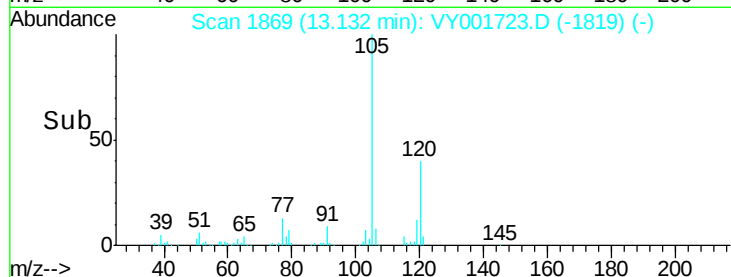
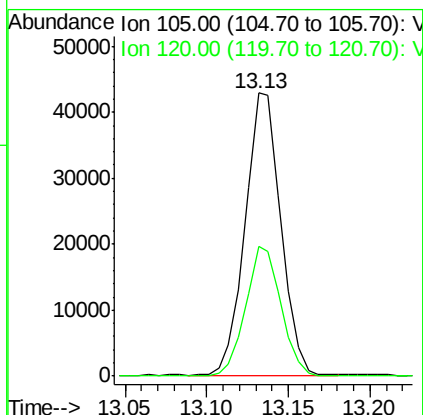
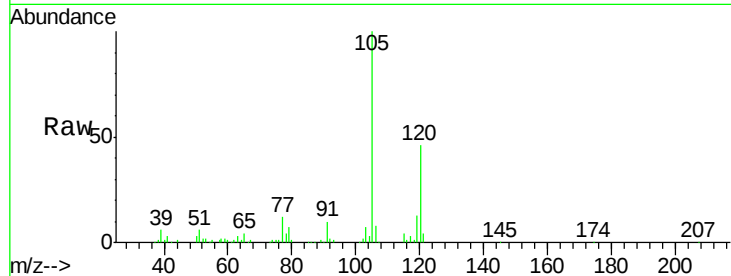




#84
 1,2,4-Trimethylbenzene
 Concen: 6.578 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VY001723.D
 Acq: 20 Feb 2020 14:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB5-4.5-5.0

Tot Ion:105 Resp: 65264
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.4 67.3



#95
 Naphthalene
 Concen: 4.487 ug/l
 RT: 15.25 min Scan# 2216
 Delta R.T. 0.01 min
 Lab File: VY001723.D
 Acq: 20 Feb 2020 14:50

Tgt Ion:128 Resp: 31985
 Ion Ratio Lower Upper
 128 100
 127 12.6 9.9 14.9
 129 12.4 8.6 13.0

