

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY013120\
 Data File : VY001453.D
 Acq On : 31 Jan 2020 14:24
 Operator : SY/MD
 Sample : L1331-01
 Misc : 5.54G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-1_013020

Quant Time: Jan 31 15:23:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

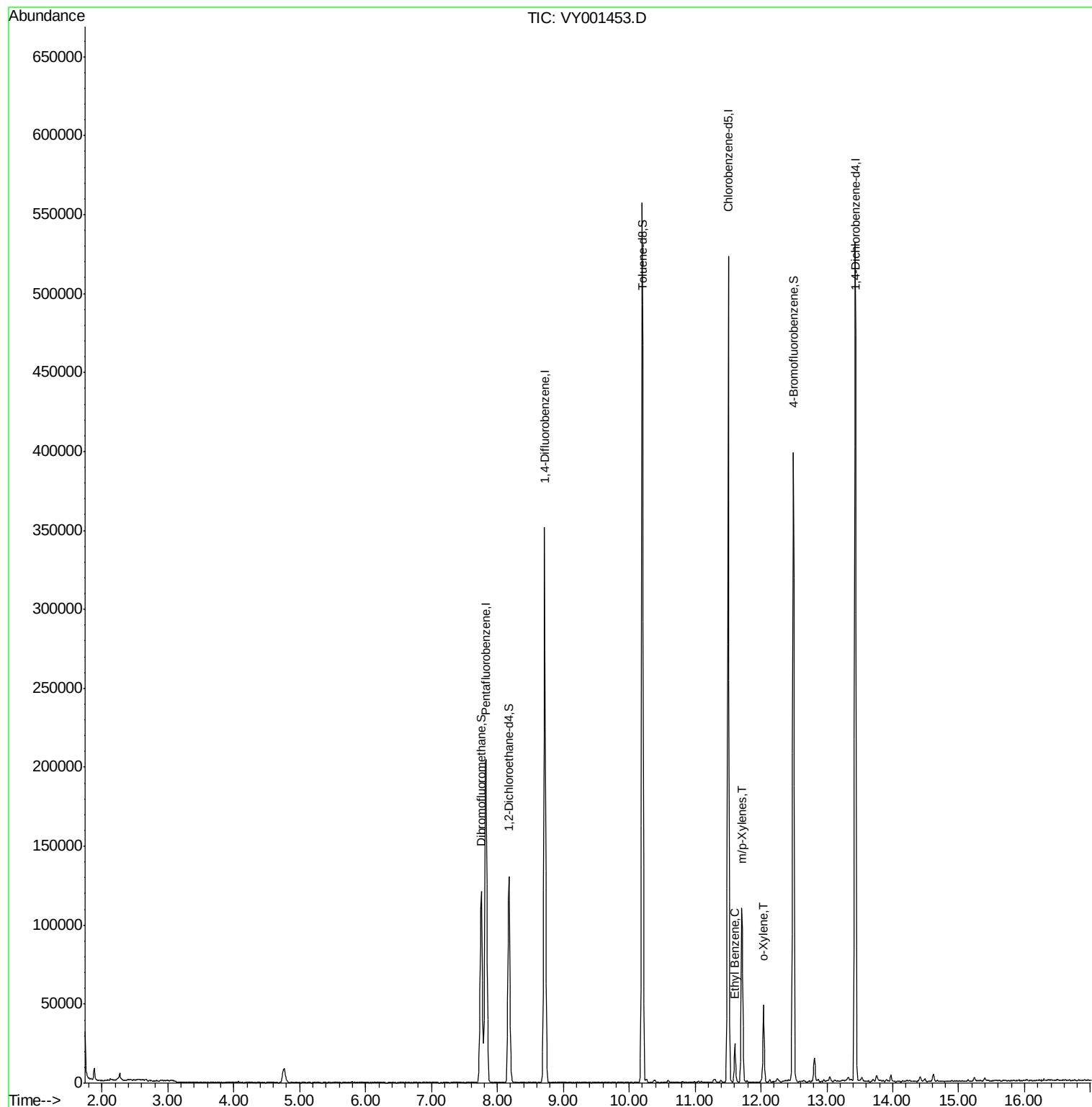
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	160311	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	298290	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	275994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	126176	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	94919	54.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.82%	
35) Dibromofluoromethane	7.75	113	88257	50.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.82%	
50) Toluene-d8	10.20	98	355492	52.26	ug/l	0.01
Spiked Amount 50.000			Recovery	=	104.52%	
62) 4-Bromofluorobenzene	12.49	95	131370	48.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.00%	
Target Compounds						
67) Ethyl Benzene	11.60	91	17267	1.611	ug/l	99
68) m/p-Xylenes	11.71	106	32478	8.111	ug/l	99
69) o-Xylene	12.04	106	12401	3.219	ug/l	99

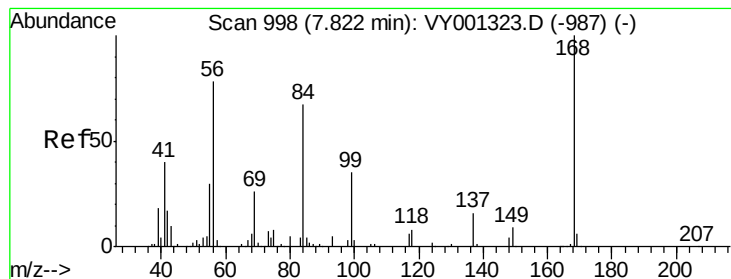
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY013120\
Data File : VY001453.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.01 min

Lab File: VY001453.D

Acq: 31 Jan 2020 14:24

Instrument :

MSVOA_Y

ClientSampleId :

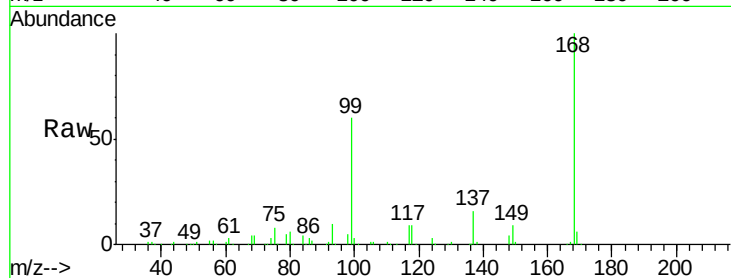
C-1_013020

Tot Ion:168 Resp: 160311

Ion Ratio Lower Upper

168 100

99 59.5 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001453.D (-949) (-)

Ion 98.90 (98.60 to 99.60): VY001453.D (-949) (-)

7.83

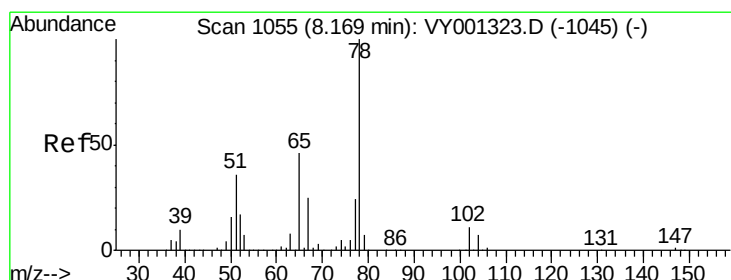
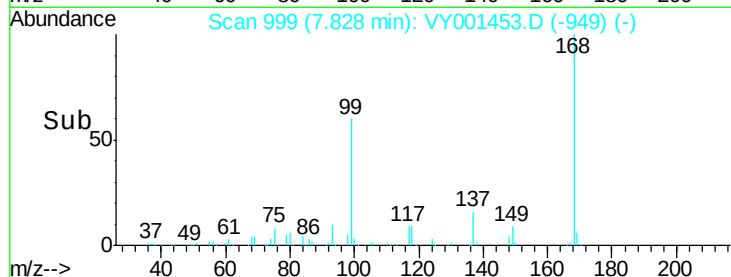
60000

40000

20000

0

Time--> 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 54.413 ug/l

RT: 8.18 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY001453.D

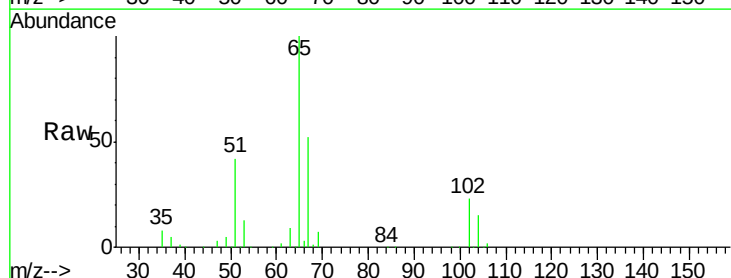
Acq: 31 Jan 2020 14:24

Tgt Ion: 65 Resp: 94919

Ion Ratio Lower Upper

65 100

67 53.8 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001453.D (-1006) (-)

Ion 66.90 (66.60 to 67.60): VY001453.D (-1006) (-)

8.18

50000

40000

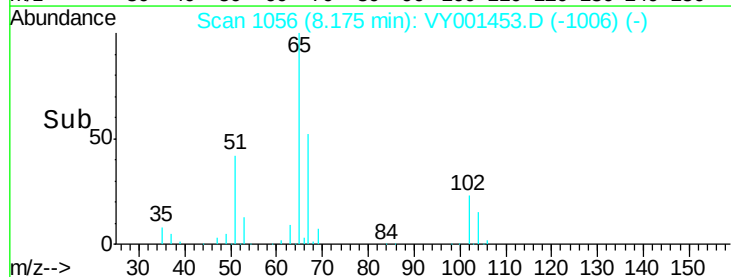
30000

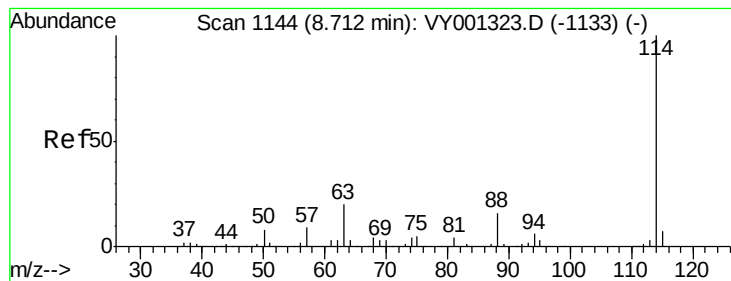
20000

10000

0

Time--> 8.10 8.20 8.30





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY001453.D

Acq: 31 Jan 2020 14:24

Instrument :

MSVOA_Y

ClientSampleId :

C-1_013020

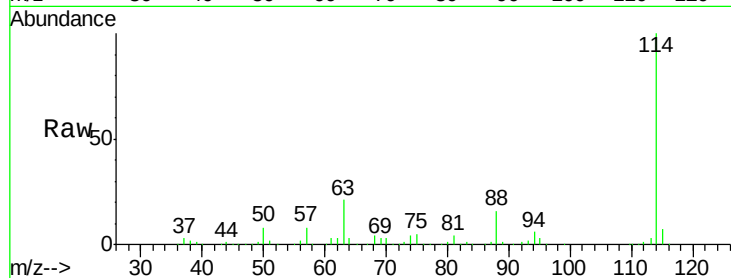
Tot Ion:114 Resp: 298290

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.8

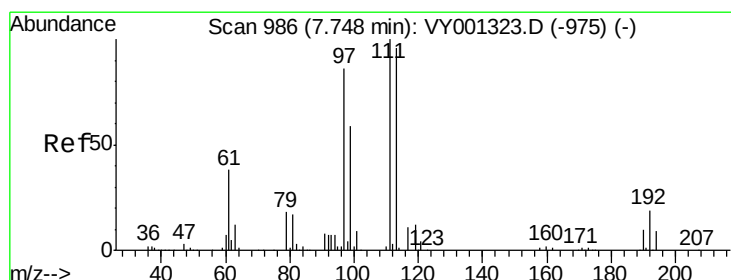
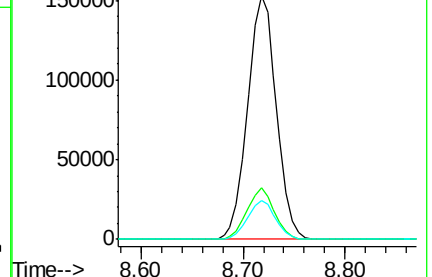
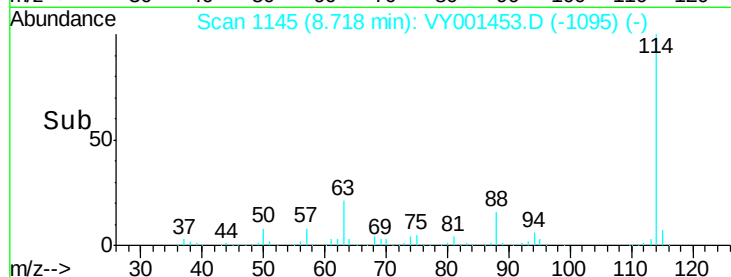
88 15.9 0.0 31.0



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



#35

Dibromofluoromethane

Concen: 50.412 ug/l

RT: 7.75 min Scan# 987

Delta R.T. 0.01 min

Lab File: VY001453.D

Acq: 31 Jan 2020 14:24

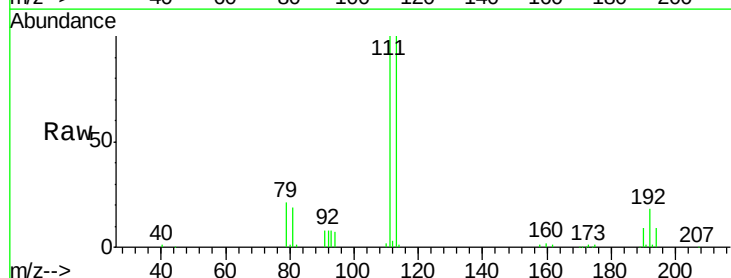
Tgt Ion:113 Resp: 88257

Ion Ratio Lower Upper

113 100

111 102.7 82.8 124.2

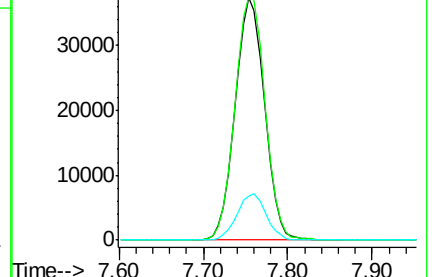
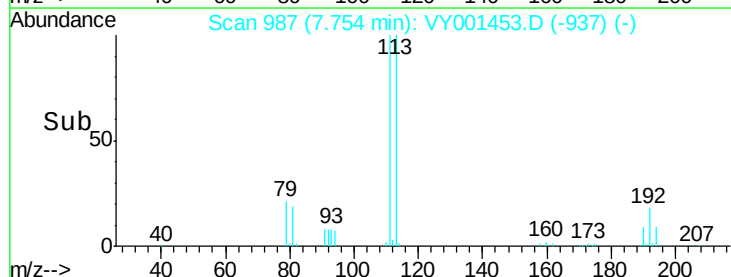
192 18.9 15.5 23.3

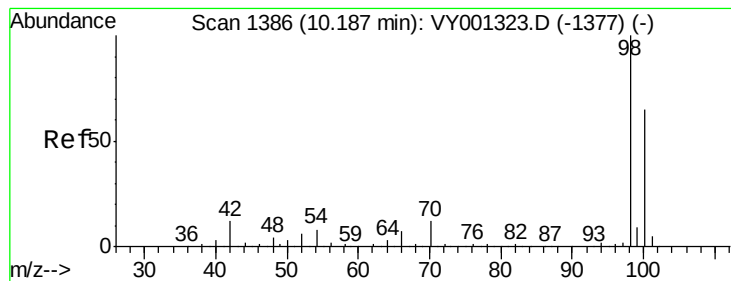


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.264 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001453.D

Acq: 31 Jan 2020 14:24

Instrument :

MSVOA_Y

ClientSampleId :

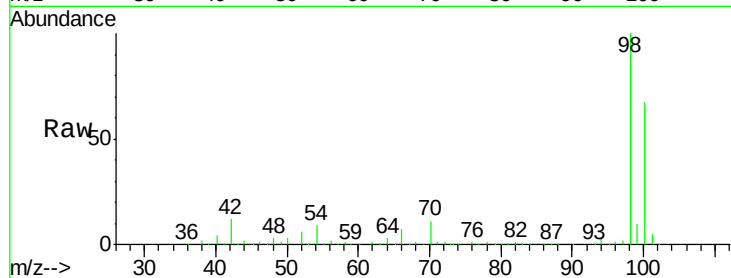
C-1_013020

Tot Ion: 98 Resp: 355492

Ion Ratio Lower Upper

98 100

100 66.2 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY001323.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY001323.D (-1377) (-)

250000

200000

150000

100000

50000

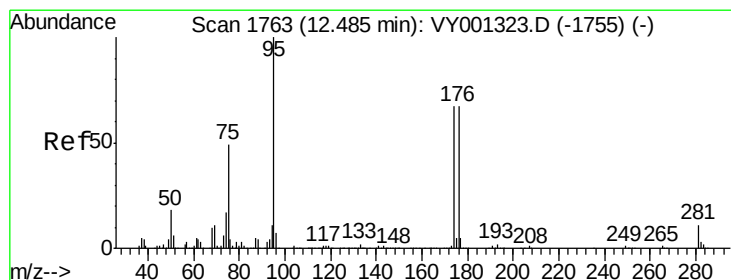
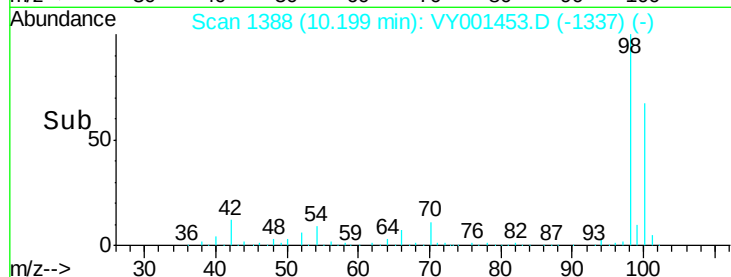
0

10.10

10.20

10.30

Time-->



#62

4-Bromofluorobenzene

Concen: 48.499 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001453.D

Acq: 31 Jan 2020 14:24

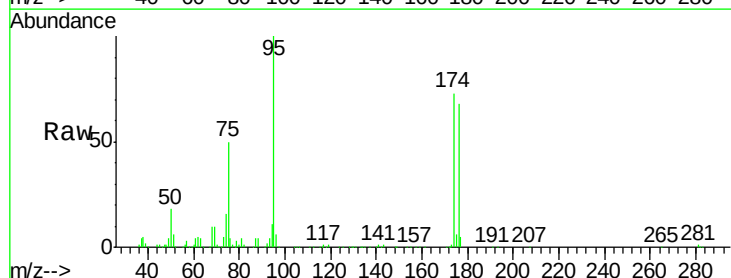
Tgt Ion: 95 Resp: 131370

Ion Ratio Lower Upper

95 100

174 74.5 0.0 142.0

176 70.9 0.0 138.6



Abundance Ion 94.90 (94.60 to 95.60): VY001323.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY001323.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY001323.D (-1755) (-)

120000

100000

80000

60000

40000

20000

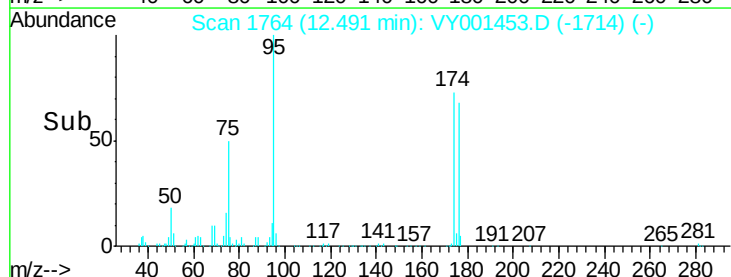
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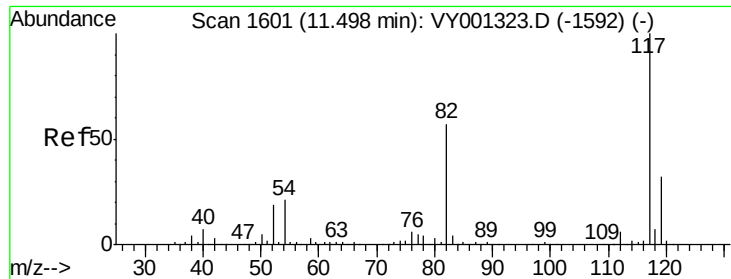
12.40

12.49

12.50

Time-->

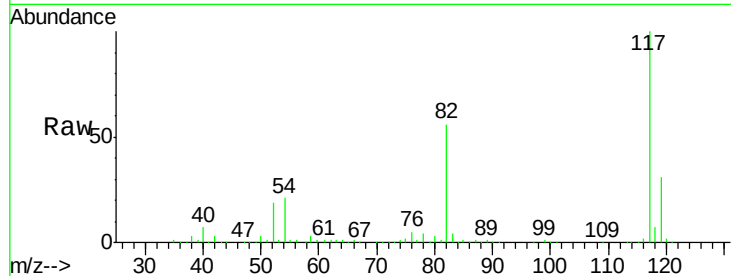




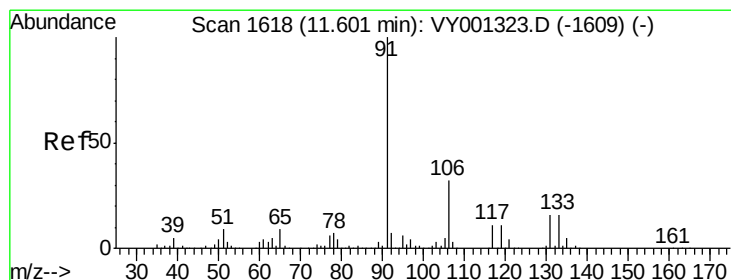
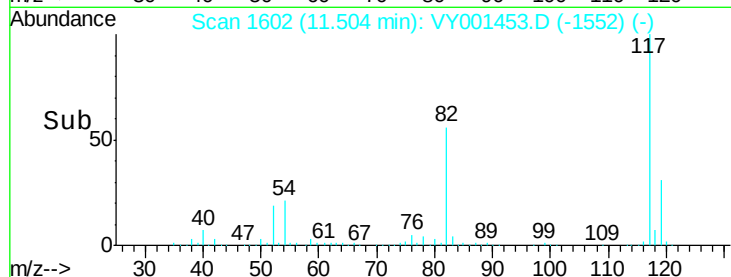
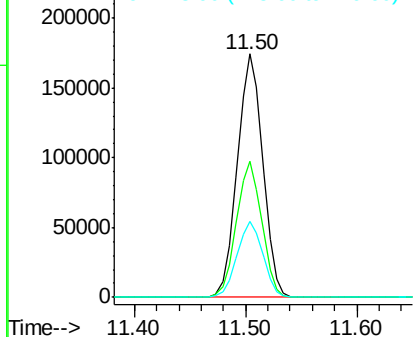
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001453.D
Acq: 31 Jan 2020 14:24

Instrument :
MSVOA_Y
ClientSampleId :
C-1_013020

Tot Ion:117 Resp: 275994
Ion Ratio Lower Upper
117 100
82 56.0 45.5 68.3
119 31.0 25.8 38.6

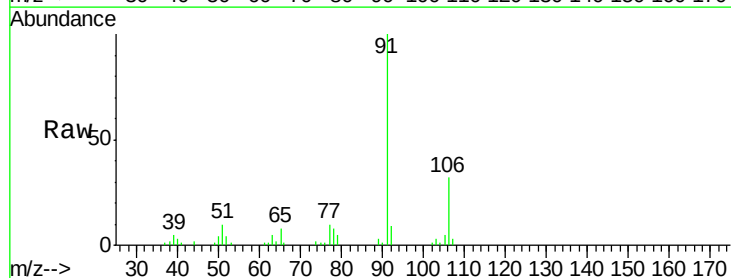


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

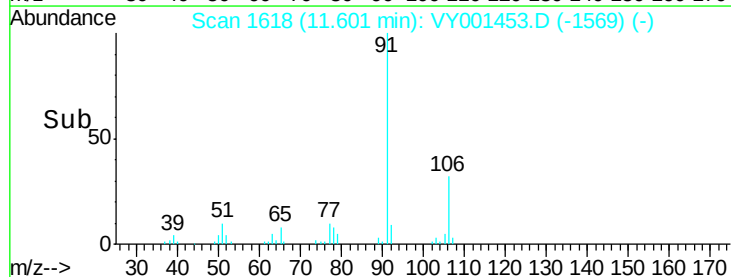
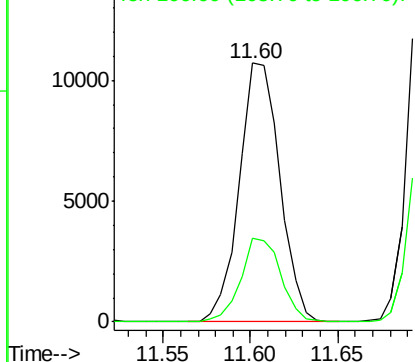


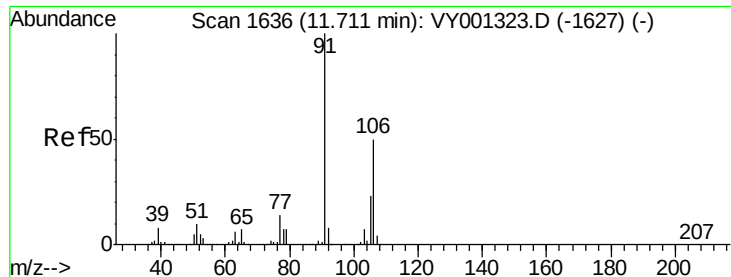
#67
Ethyl Benzene
Concen: 1.611 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY001453.D
Acq: 31 Jan 2020 14:24

Tgt Ion: 91 Resp: 17267
Ion Ratio Lower Upper
91 100
106 32.4 25.4 38.0



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

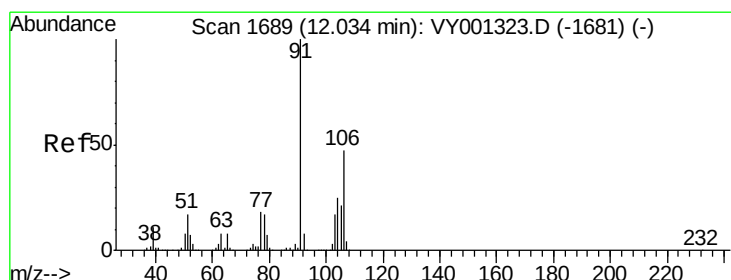
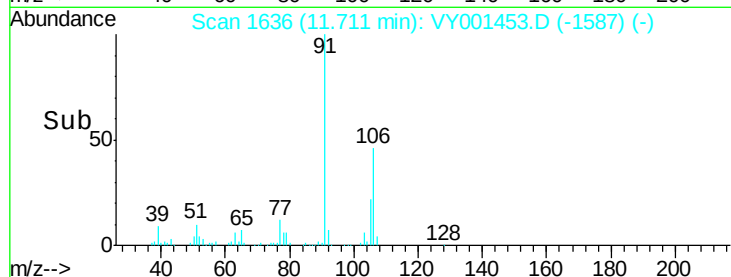
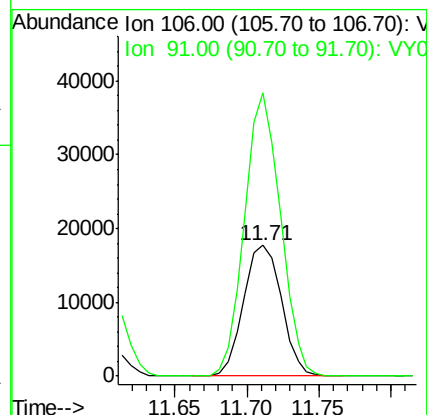
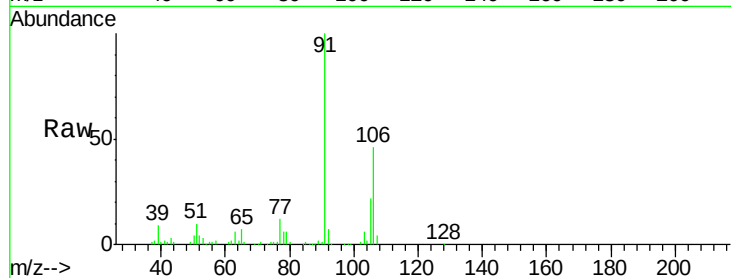




#68
m/p-Xylenes
Concen: 8.111 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VY001453.D
Acq: 31 Jan 2020 14:24

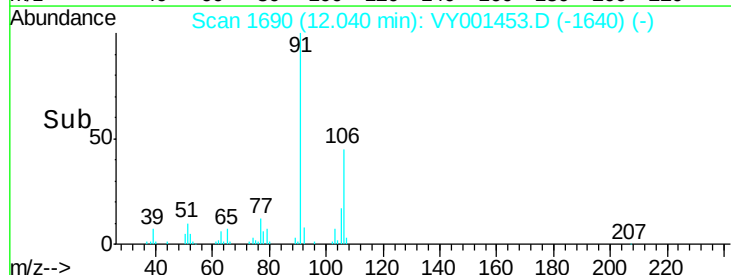
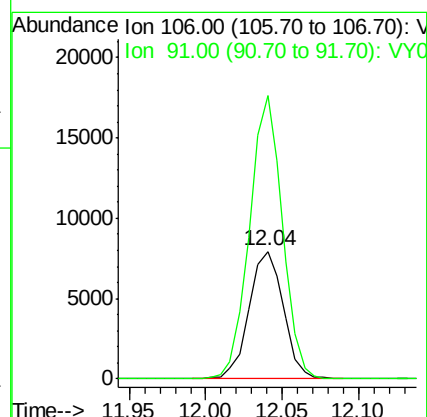
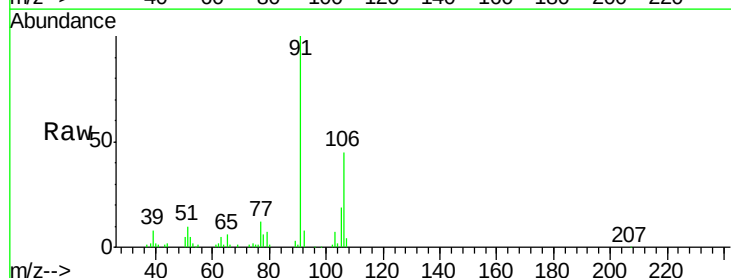
Instrument :
MSVOA_Y
ClientSampleId :
C-1_013020

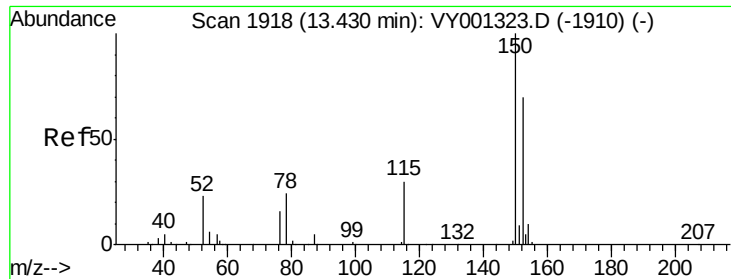
Tot Ion:106 Resp: 32478
Ion Ratio Lower Upper
106 100
91 205.0 162.8 244.2



#69
o-Xylene
Concen: 3.219 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY001453.D
Acq: 31 Jan 2020 14:24

Tgt Ion:106 Resp: 12401
Ion Ratio Lower Upper
106 100
91 211.7 106.3 319.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VY001453.D

Acq: 31 Jan 2020 14:24

Instrument :

MSVOA_Y

ClientSampleId :

C-1_013020

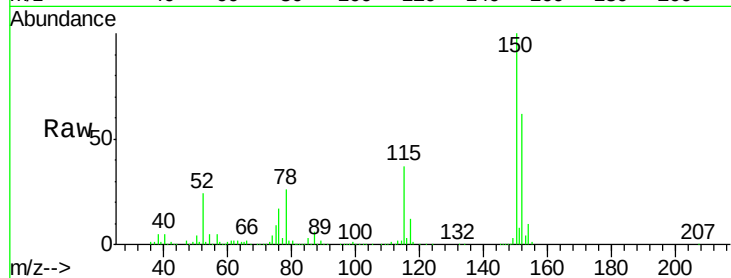
Tot Ion:152 Resp: 126176

Ion Ratio Lower Upper

152 100

115 60.3 30.9 92.8

150 159.8 0.0 349.2



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

