

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY013120\
 Data File : VY001454.D
 Acq On : 31 Jan 2020 14:46
 Operator : SY/MD
 Sample : L1331-02
 Misc : 7.66G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-2_013020

Quant Time: Jan 31 15:25:02 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

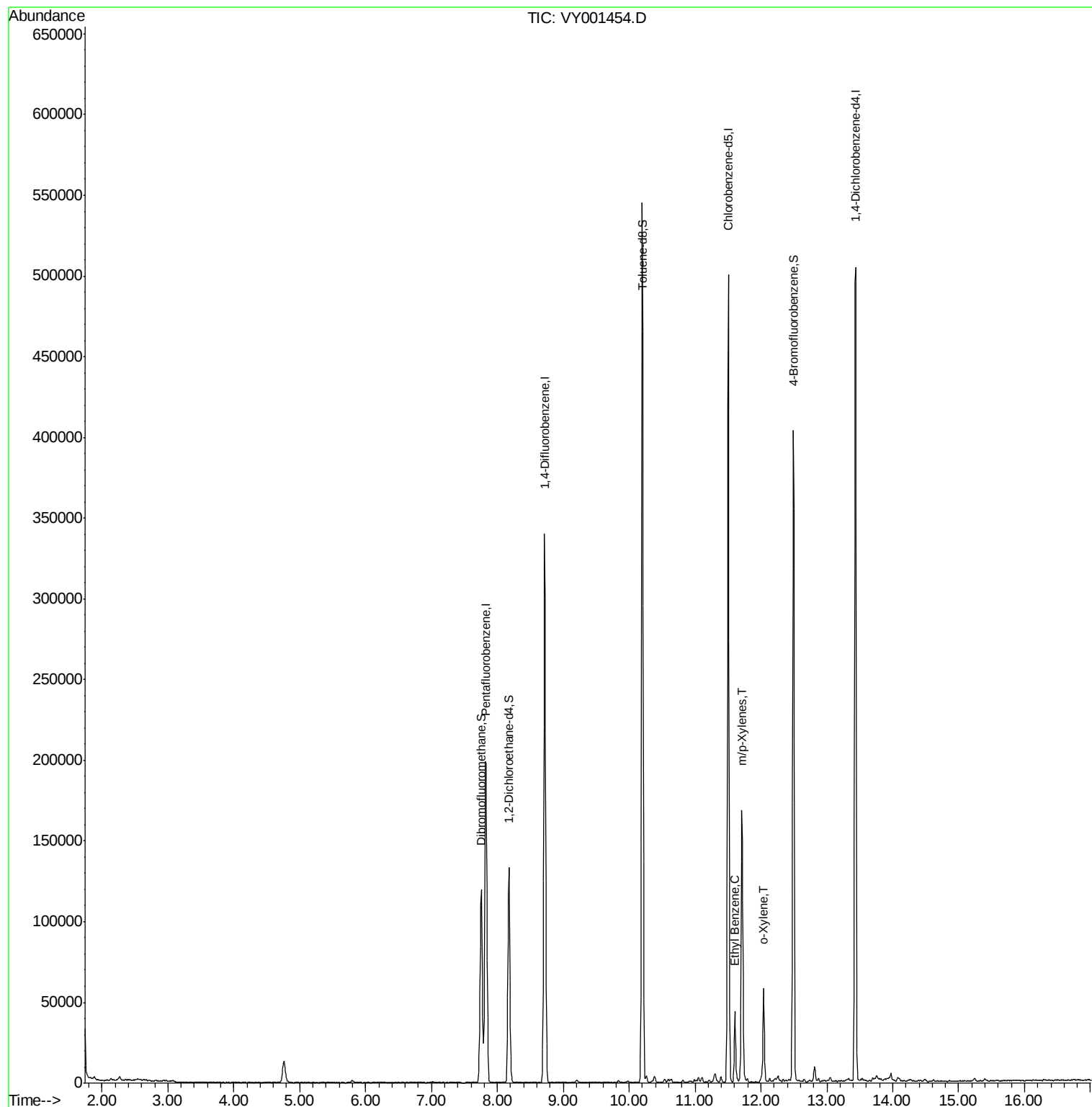
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	154793	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	292179	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	268323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	127177	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	96177	57.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.20%	
35) Dibromofluoromethane	7.75	113	85608	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
50) Toluene-d8	10.20	98	345853	51.91	ug/l	0.01
Spiked Amount 50.000			Recovery	=	103.82%	
62) 4-Bromofluorobenzene	12.49	95	129141	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
Target Compounds						
67) Ethyl Benzene	11.61	91	30285	2.906	ug/l	95
68) m/p-Xylenes	11.71	106	49600	12.741	ug/l	96
69) o-Xylene	12.04	106	14429	3.853	ug/l	97

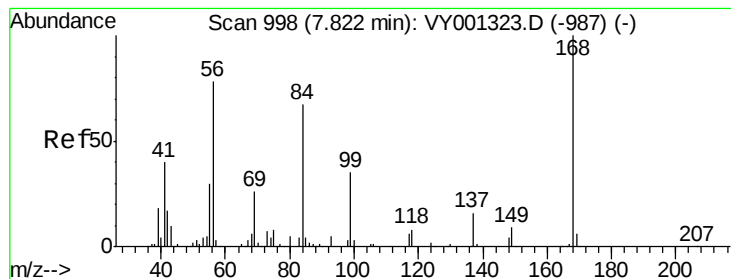
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY013120\
Data File : VY001454.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.01 min

Lab File: VY001454.D

Acq: 31 Jan 2020 14:46

Instrument :

MSVOA_Y

ClientSampleId :

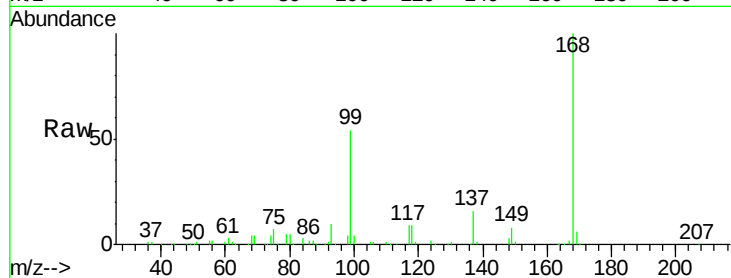
C-2_013020

Tot Ion:168 Resp: 154793

Ion Ratio Lower Upper

168 100

99 53.8 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001323.D (-987) (-)

7.83

80000

60000

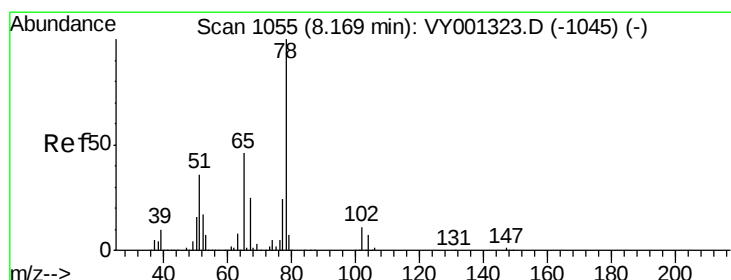
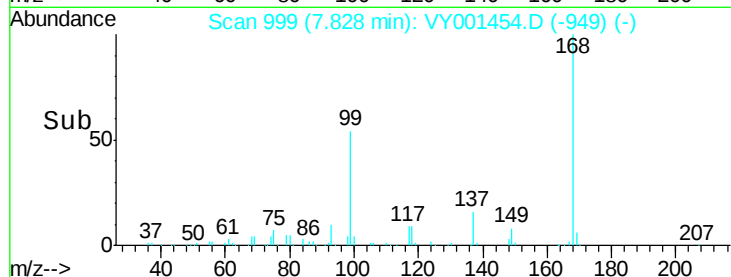
40000

20000

0

Time-->

7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 57.100 ug/l

RT: 8.18 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY001454.D

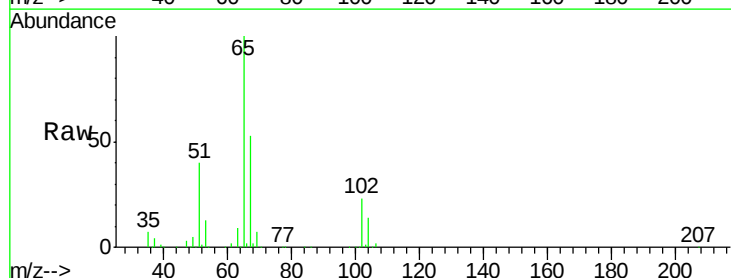
Acq: 31 Jan 2020 14:46

Tgt Ion: 65 Resp: 96177

Ion Ratio Lower Upper

65 100

67 54.8 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001323.D (-1045) (-)

Ion 66.90 (66.60 to 67.60): VY001323.D (-1045) (-)

8.18

50000

40000

30000

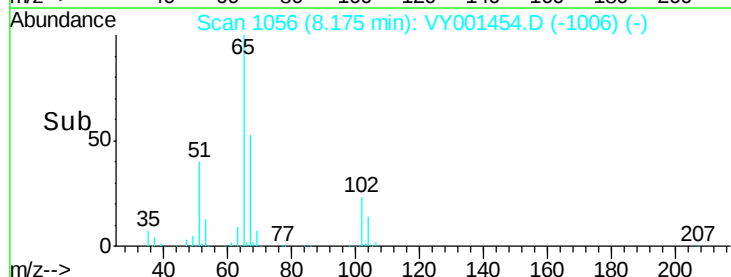
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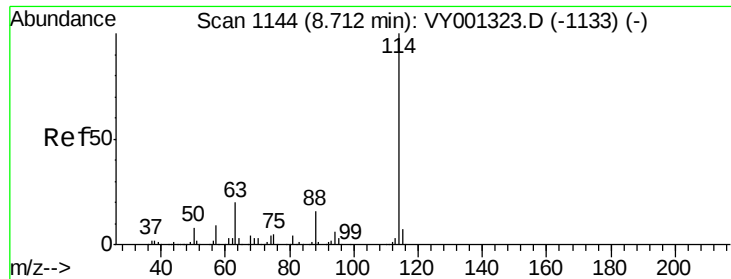
10000

0

Time-->

8.10 8.20 8.30

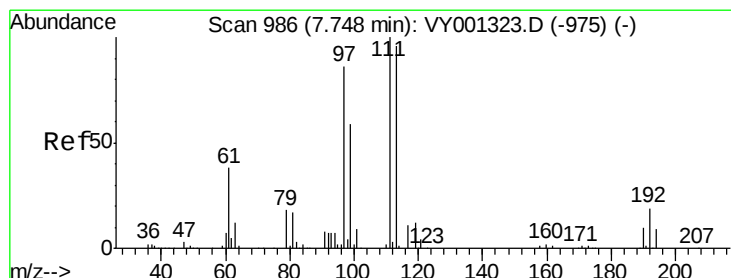
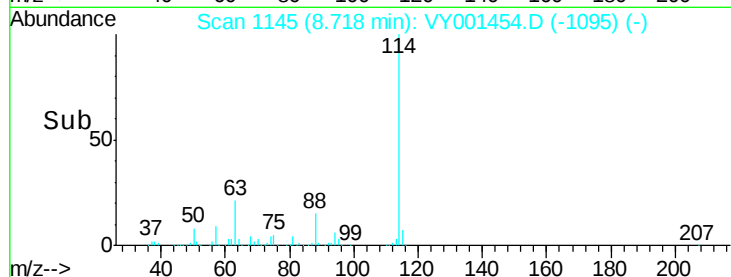
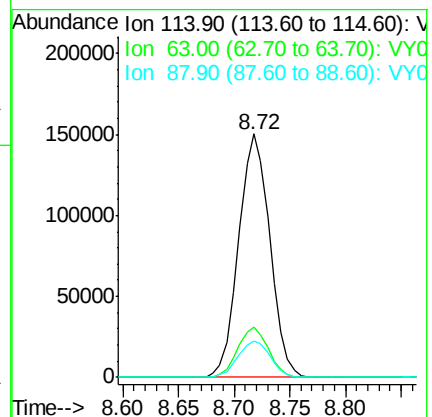
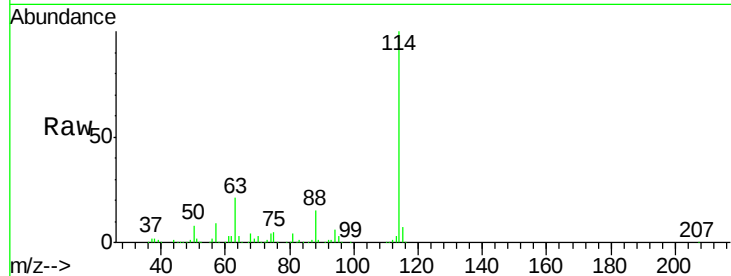




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.72 min Scan# 1145
Delta R.T. 0.01 min
Lab File: VY001454.D
Acq: 31 Jan 2020 14:46

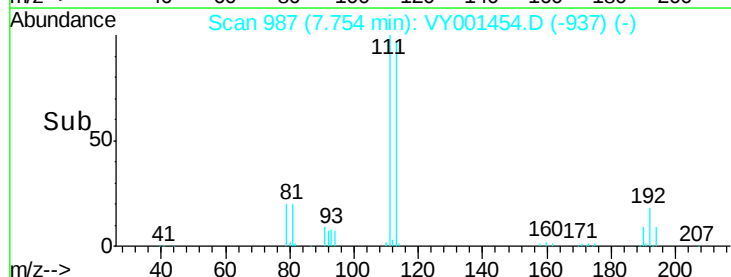
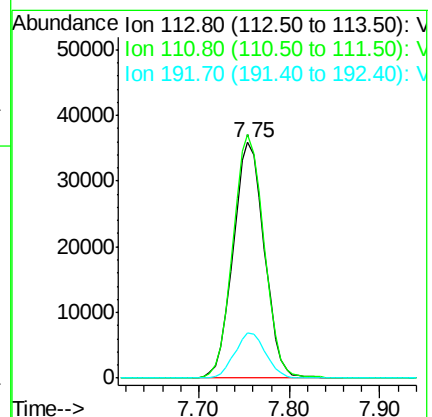
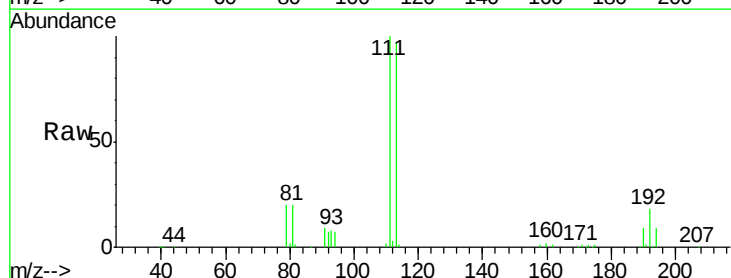
Instrument :
MSVOA_Y
ClientSampleId :
C-2_013020

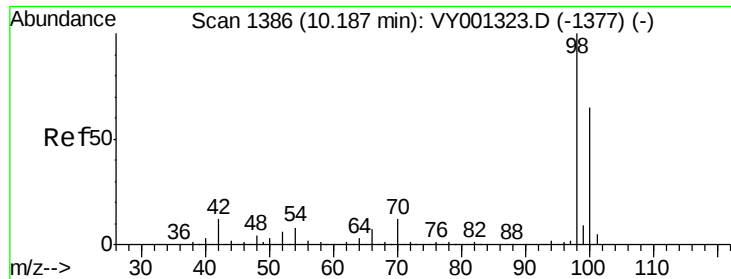
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	40.8
88	14.8	0.0	31.0



#35
Dibromofluoromethane
Concen: 49.922 ug/l
RT: 7.75 min Scan# 987
Delta R.T. 0.01 min
Lab File: VY001454.D
Acq: 31 Jan 2020 14:46

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.8	124.2
192	19.1	15.5	23.3

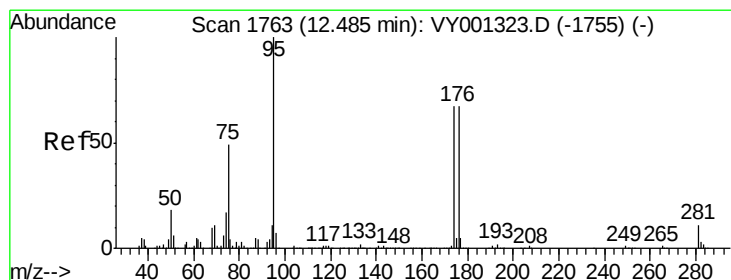
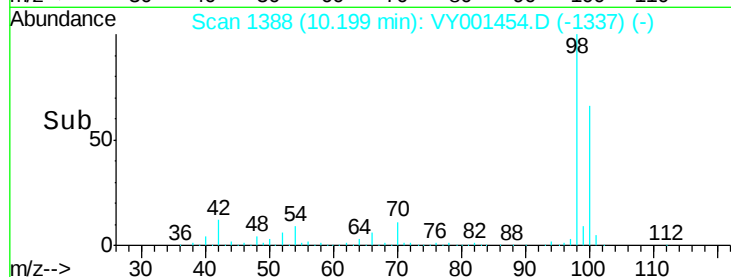
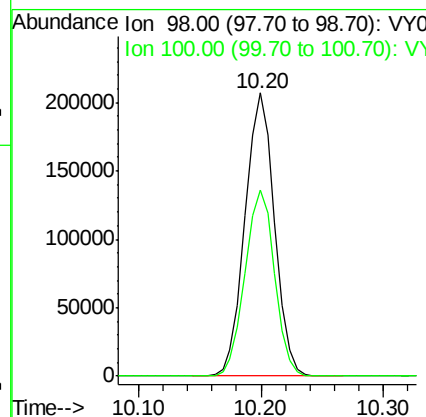
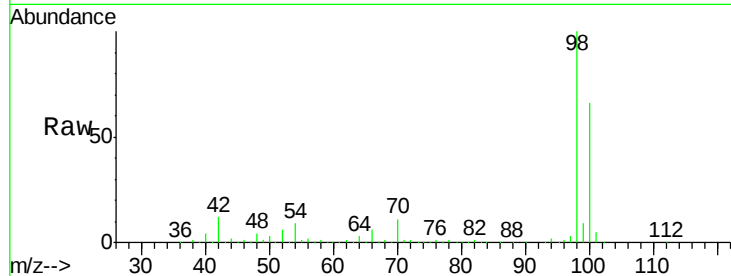




#50
Toluene-d8
Concen: 51.911 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY001454.D
Acq: 31 Jan 2020 14:46

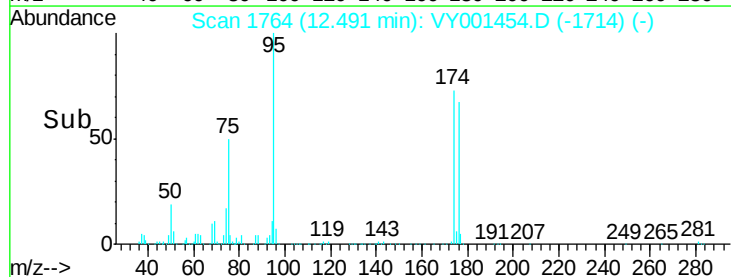
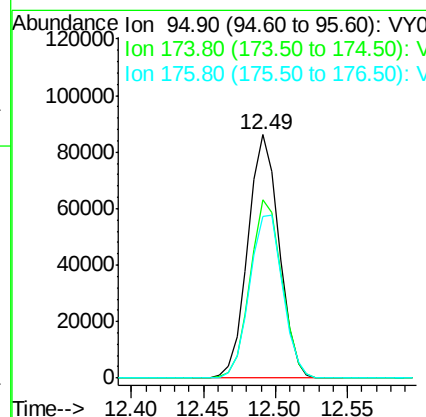
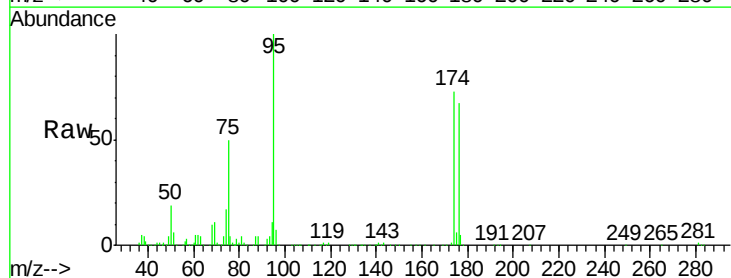
Instrument :
MSVOA_Y
ClientSampleId :
C-2_013020

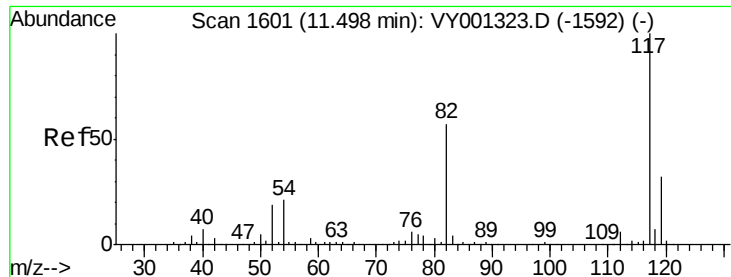
Tot Ion: 98 Resp: 345853
Ion Ratio Lower Upper
98 100
100 66.0 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 48.673 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY001454.D
Acq: 31 Jan 2020 14:46

Tgt Ion: 95 Resp: 129141
Ion Ratio Lower Upper
95 100
174 74.3 0.0 142.0
176 70.5 0.0 138.6

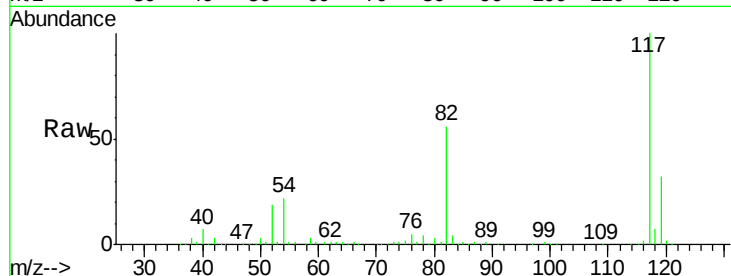




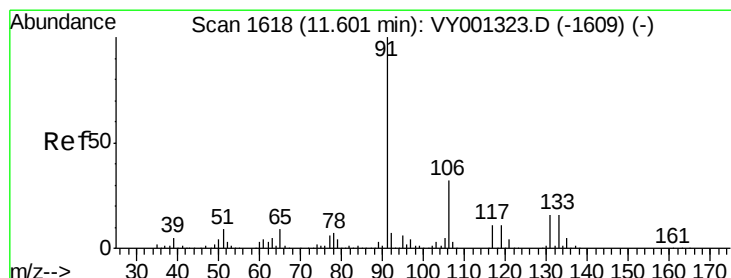
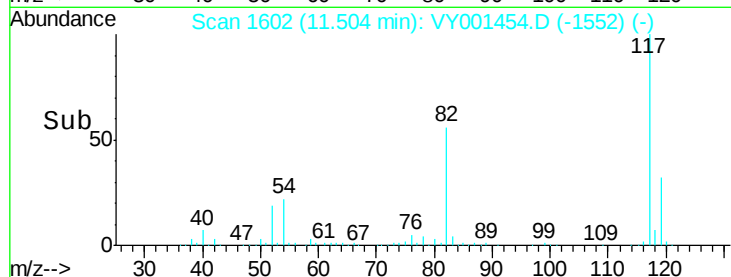
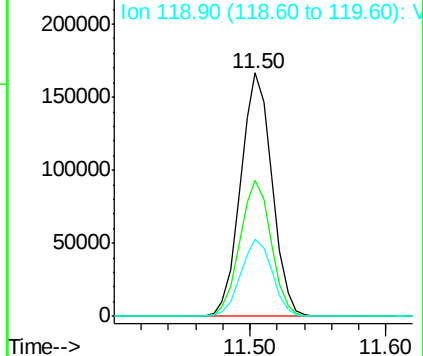
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001454.D
Acq: 31 Jan 2020 14:46

Instrument :
MSVOA_Y
ClientSampleId :
C-2_013020

Tot Ion:117 Resp: 268323
Ion Ratio Lower Upper
117 100
82 55.9 45.5 68.3
119 31.8 25.8 38.6

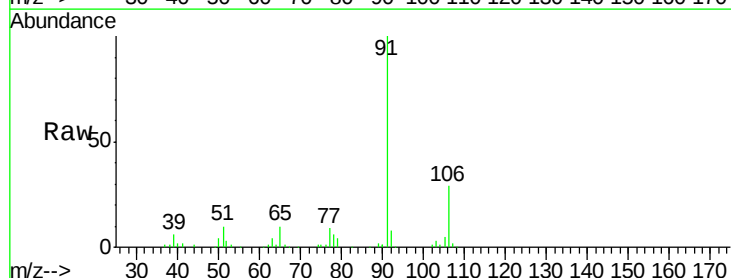


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

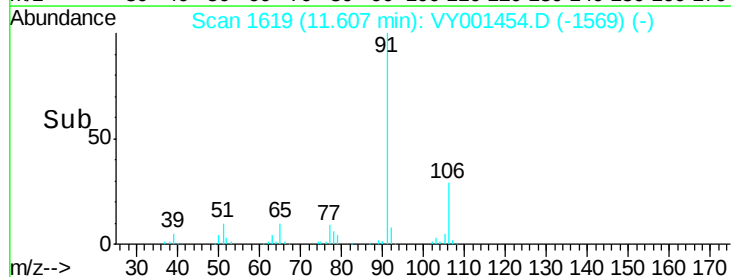
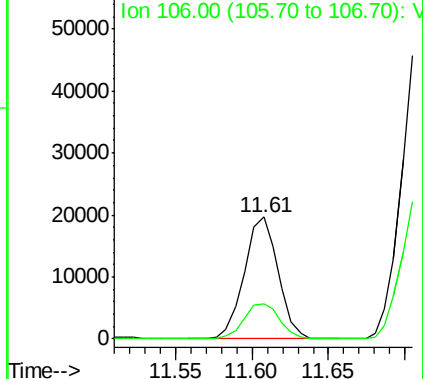


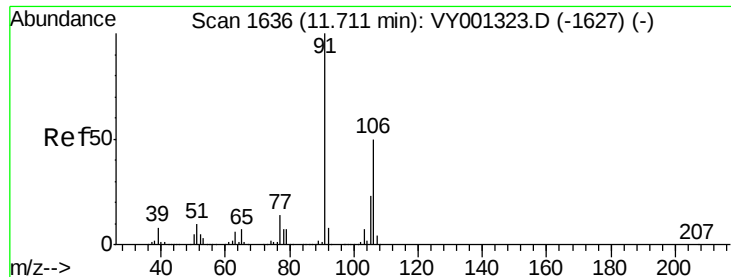
#67
Ethyl Benzene
Concen: 2.906 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001454.D
Acq: 31 Jan 2020 14:46

Tgt Ion: 91 Resp: 30285
Ion Ratio Lower Upper
91 100
106 29.1 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: 12.741 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VY001454.D

Acq: 31 Jan 2020 14:46

Instrument :

MSVOA_Y

ClientSampleId :

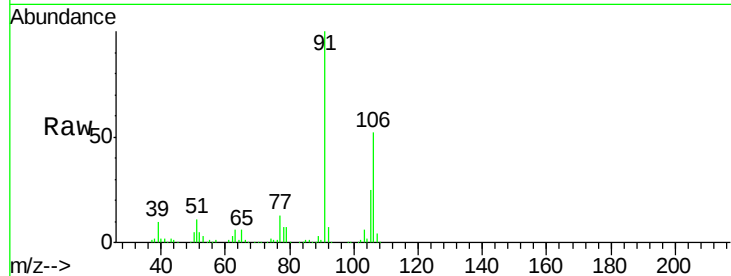
C-2_013020

Tot Ion:106 Resp: 49600

Ion Ratio Lower Upper

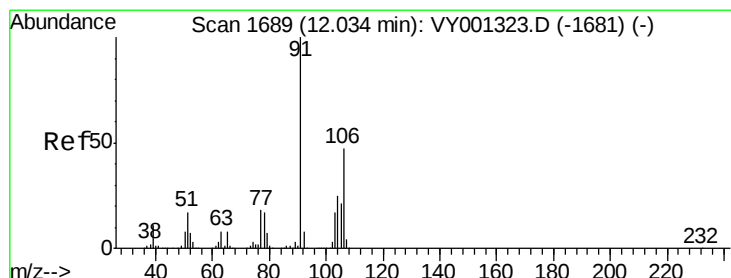
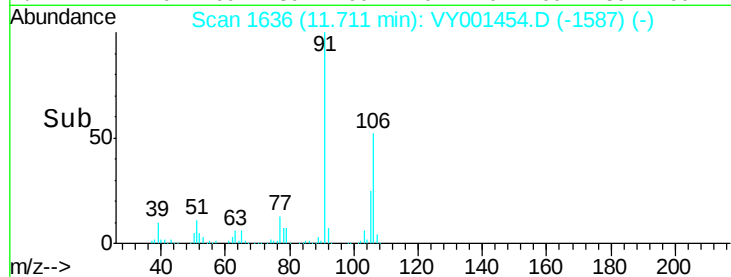
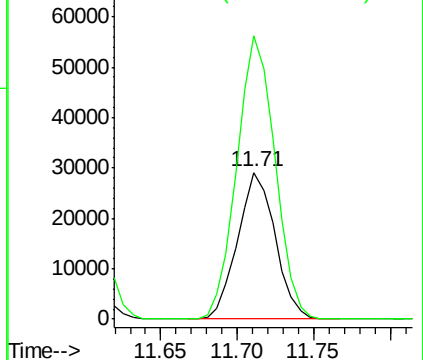
106 100

91 196.7 162.8 244.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0



#69

o-Xylene

Concen: 3.853 ug/l

RT: 12.04 min Scan# 1690

Delta R.T. 0.01 min

Lab File: VY001454.D

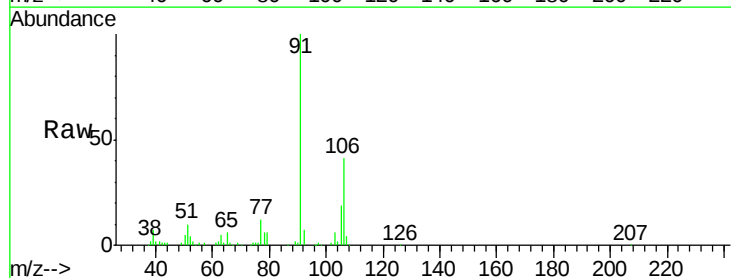
Acq: 31 Jan 2020 14:46

Tgt Ion:106 Resp: 14429

Ion Ratio Lower Upper

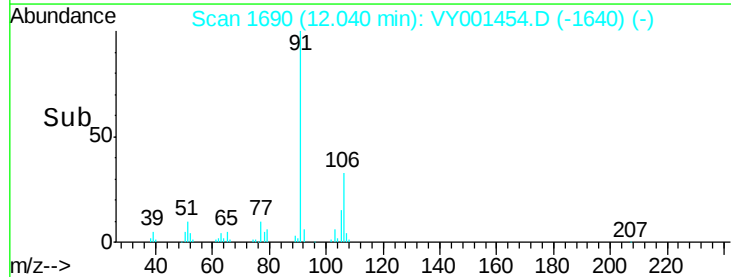
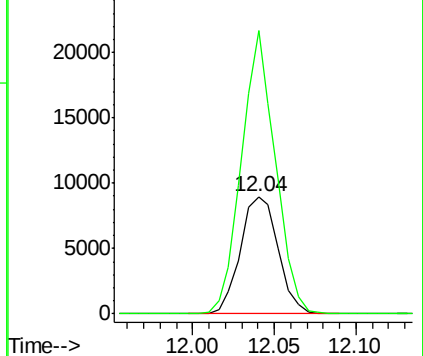
106 100

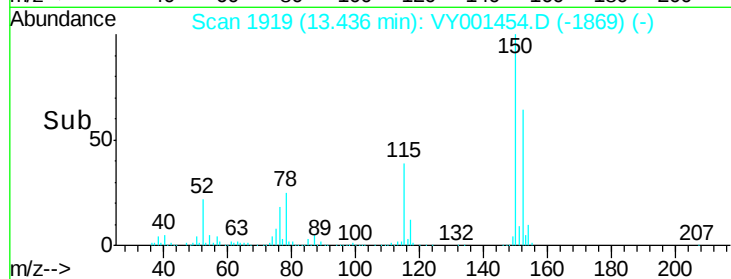
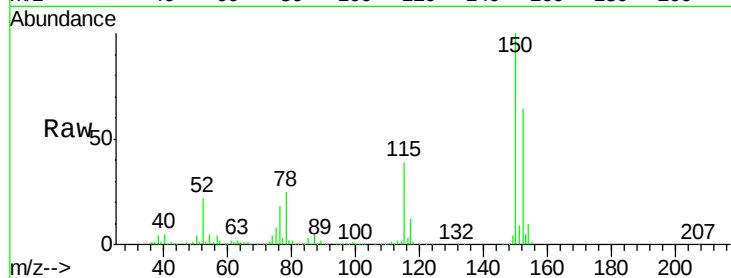
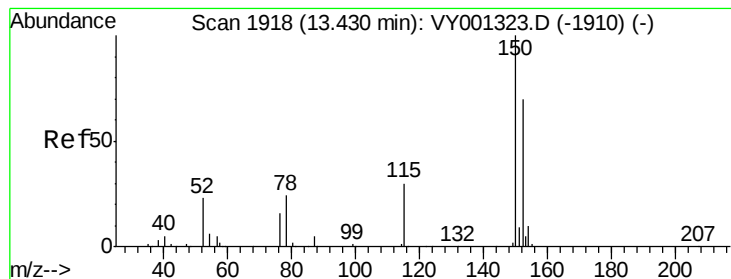
91 217.4 106.3 319.0



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# 1919

Delta R.T. 0.01 min

Lab File: VY001454.D

Acq: 31 Jan 2020 14:46

Instrument :

MSVOA_Y

ClientSampleId :

C-2_013020

Tot Ion:152 Resp: 127177

Ion Ratio Lower Upper

152 100

115 60.7 30.9 92.8

150 155.2 0.0 349.2

