

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
 Data File : VY002406.D
 Acq On : 17 Apr 2020 17:49
 Operator : SY/MD
 Sample : L2271-13
 Misc : 4.29G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BG-10

Quant Time: Apr 18 07:31:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

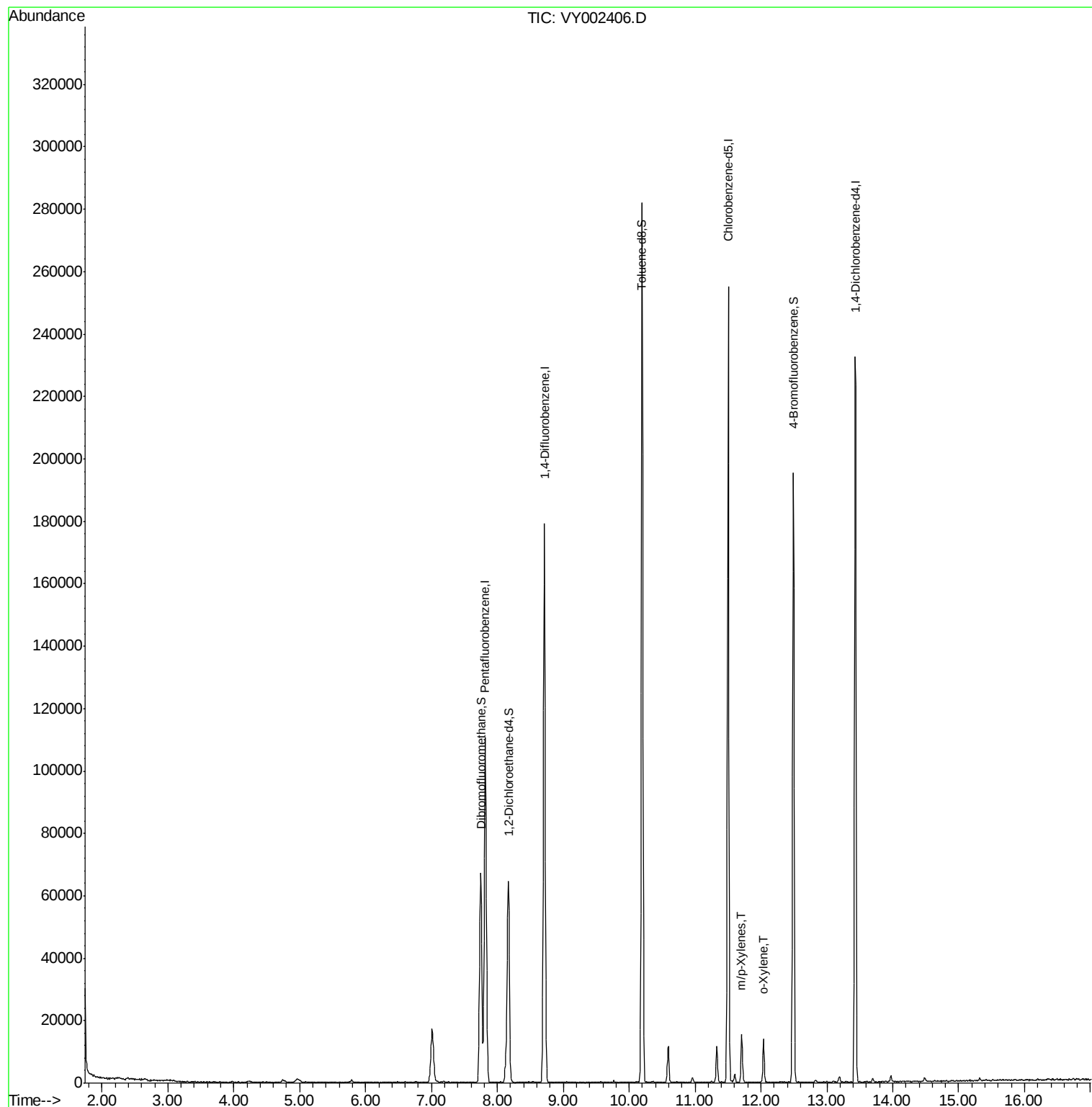
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	86144	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	165787	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	150053	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	61184	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	43347	45.25	ug/l	0.01
Spiked Amount 50.000			Recovery	=	90.50%	
35) Dibromofluoromethane	7.74	113	48473	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.28%	
50) Toluene-d8	10.19	98	196085	47.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.98%	
62) 4-Bromofluorobenzene	12.49	95	61614	45.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.46%	
Target Compounds						
68) m/p-Xylenes	11.70	106	4795	2.242	ug/l	98
69) o-Xylene	12.03	106	3741	1.863	ug/l	98

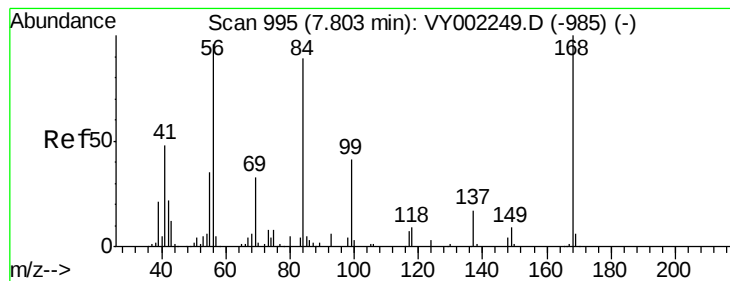
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002406.D

Acq: 17 Apr 2020 17:49

Instrument :

MSVOA_Y

ClientSampled :

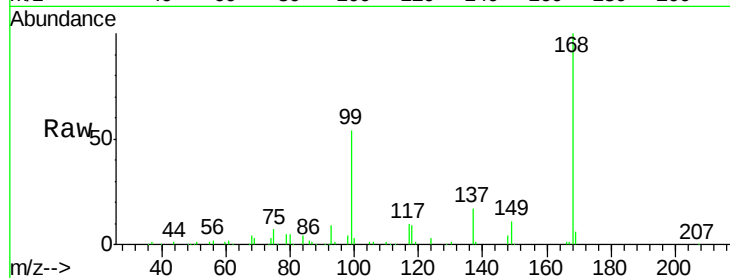
BG-10

Tot Ion:168 Resp: 86144

Ion Ratio Lower Upper

168 100

99 54.2 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)

7.82

40000

30000

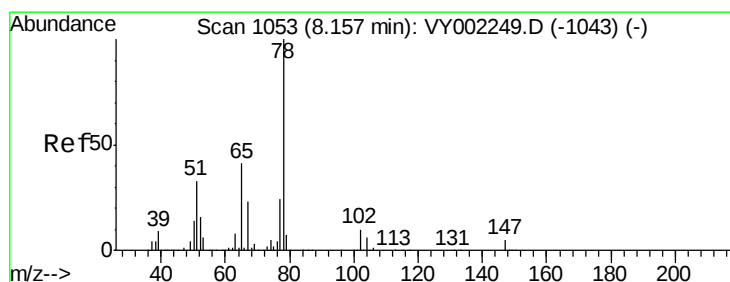
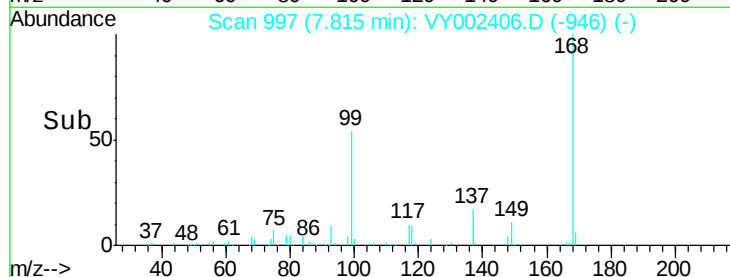
20000

10000

0

Time-->

7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 45.248 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY002406.D

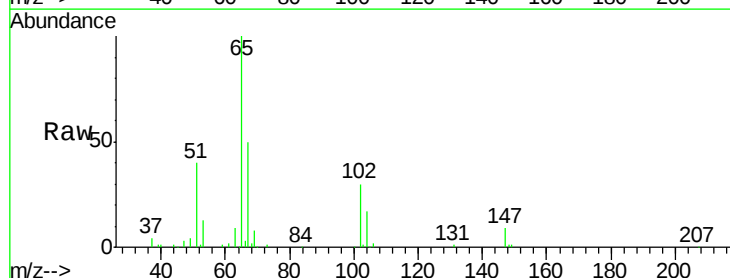
Acq: 17 Apr 2020 17:49

Tgt Ion: 65 Resp: 43347

Ion Ratio Lower Upper

65 100

67 58.3 0.0 114.0



Abundance Ion 64.90 (64.60 to 65.60): VY002249.D (-1043) (-)

Ion 66.90 (66.60 to 67.60): VY002249.D (-1043) (-)

8.17

25000

20000

15000

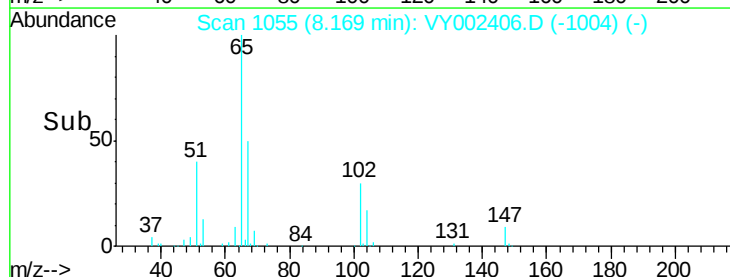
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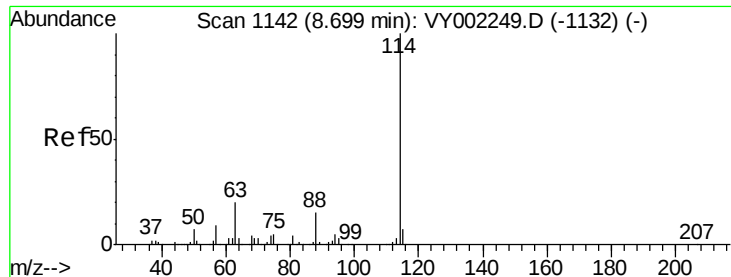
5000

0

Time-->

8.05 8.10 8.15 8.20 8.25

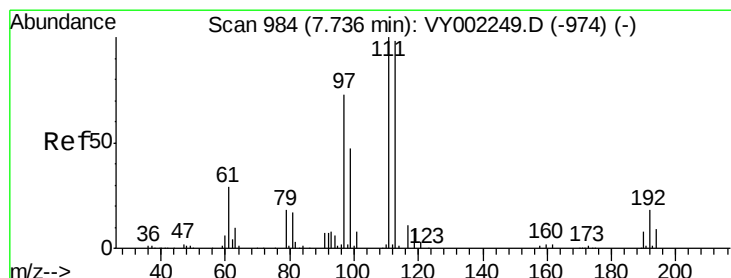
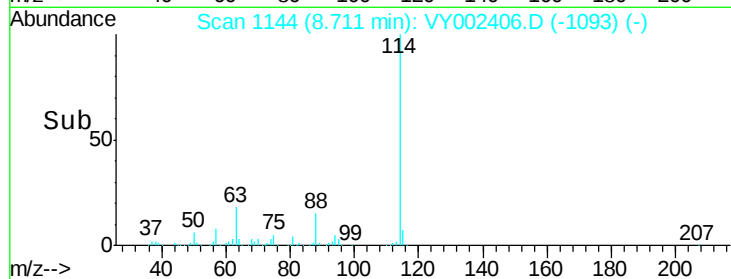
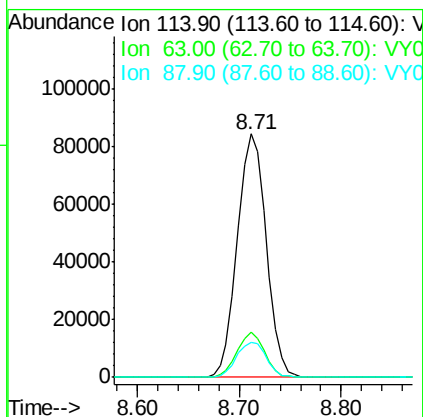
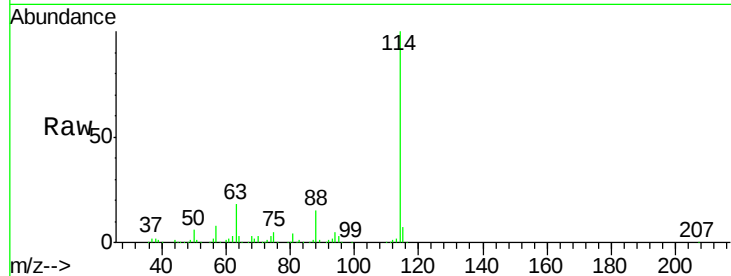




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002406.D
 Acq: 17 Apr 2020 17:49

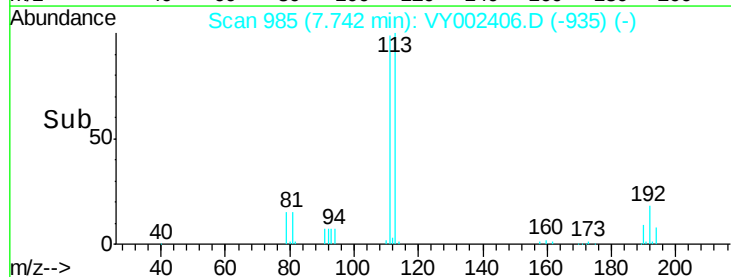
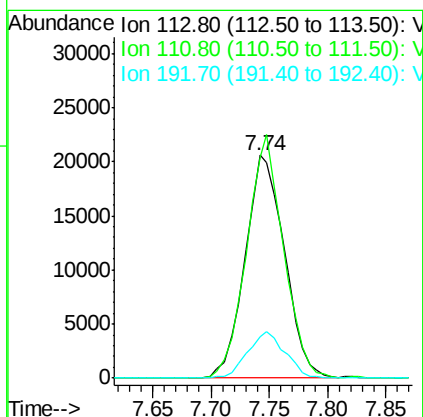
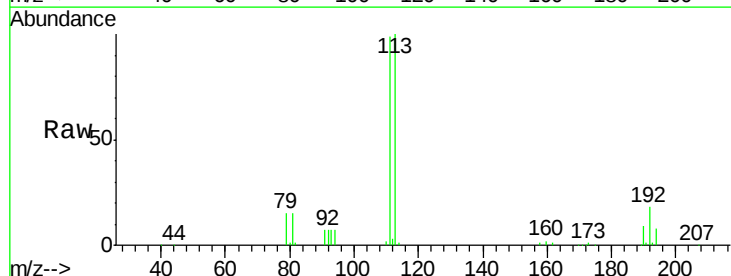
Instrument :
 MSVOA_Y
 ClientSampled :
 BG-10

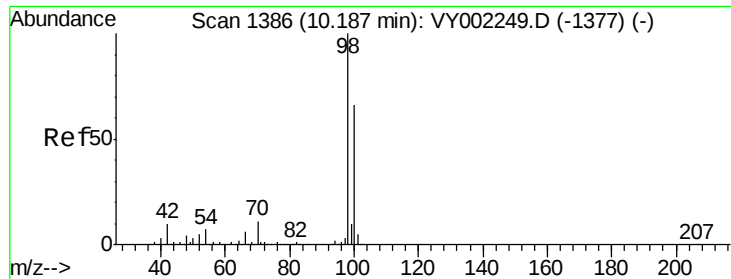
Tot Ion:114 Resp: 165787
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 39.0
 88 14.6 0.0 31.0



#35
 Dibromofluoromethane
 Concen: 49.137 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: VY002406.D
 Acq: 17 Apr 2020 17:49

Tgt Ion:113 Resp: 48473
 Ion Ratio Lower Upper
 113 100
 111 102.0 83.5 125.3
 192 19.7 14.7 22.1





#50

Toluene-d8

Concen: 47.489 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002406.D

Acq: 17 Apr 2020 17:49

Instrument :

MSVOA_Y

ClientSampleId :

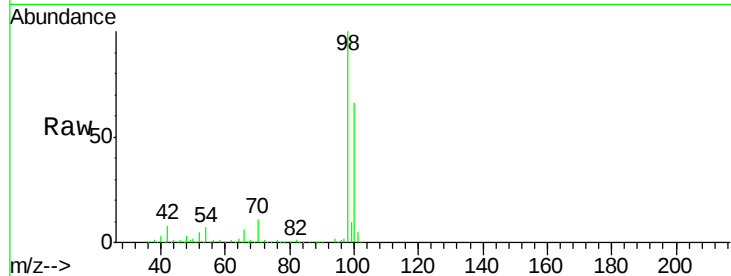
BG-10

Tot Ion: 98 Resp: 196085

Ion Ratio Lower Upper

98 100

100 66.1 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

10.19

120000

100000

80000

60000

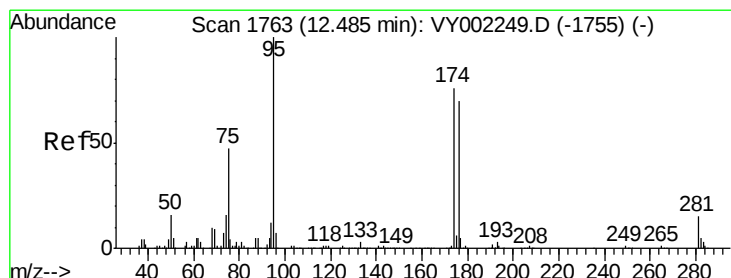
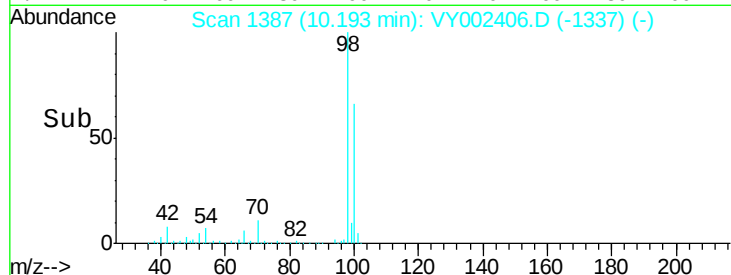
40000

20000

0

Time-->

10.10 10.20 10.30



#62

4-Bromofluorobenzene

Concen: 45.230 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002406.D

Acq: 17 Apr 2020 17:49

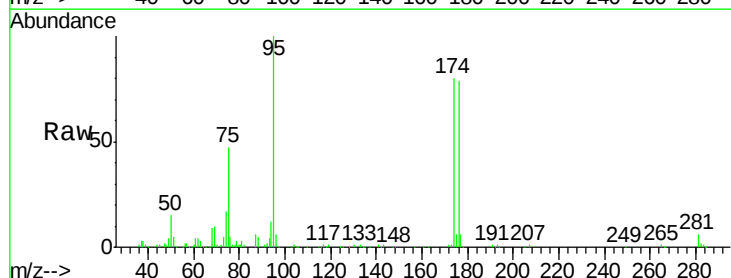
Tgt Ion: 95 Resp: 61614

Ion Ratio Lower Upper

95 100

174 77.5 0.0 150.6

176 74.9 0.0 141.4



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

12.49

50000

40000

30000

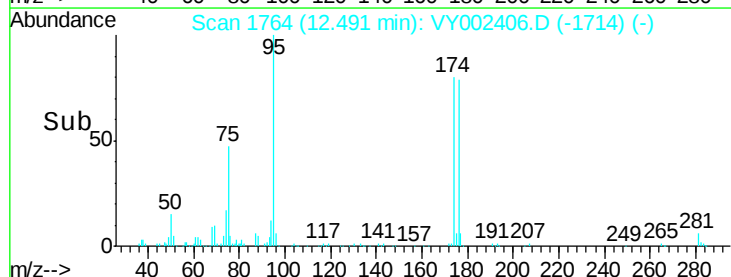
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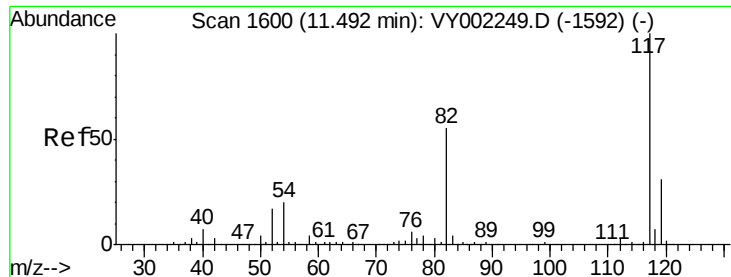
10000

0

Time-->

12.40 12.45 12.50 12.55

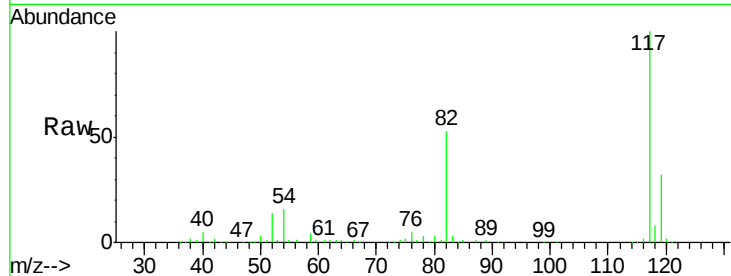




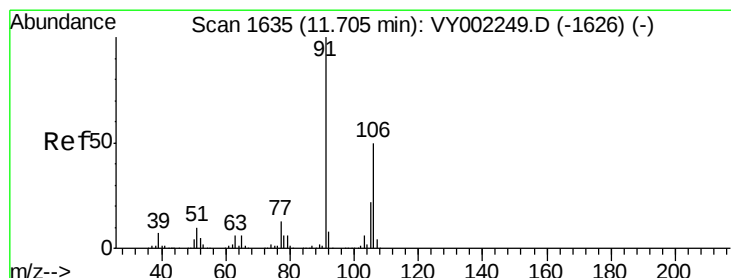
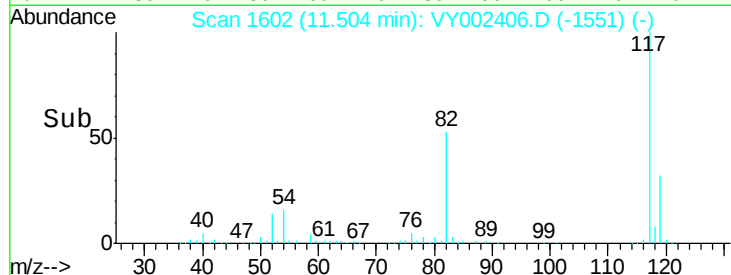
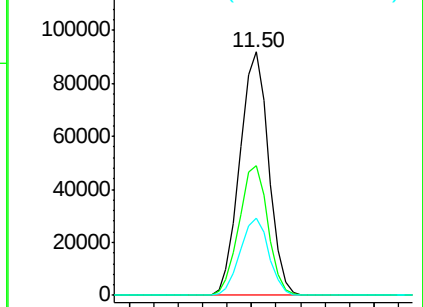
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002406.D
Acq: 17 Apr 2020 17:49

Instrument :
MSVOA_Y
ClientSampled :
BG-10

Tot Ion:117 Resp: 150053
Ion Ratio Lower Upper
117 100
82 53.4 44.2 66.4
119 31.8 25.1 37.7

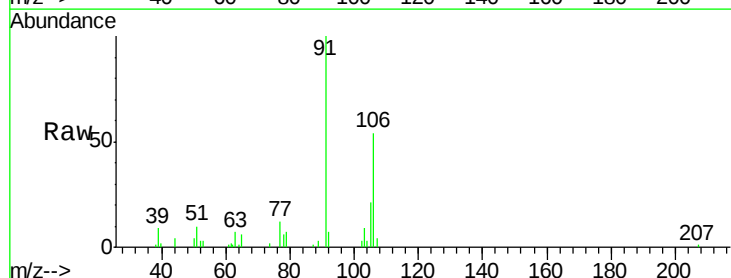


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

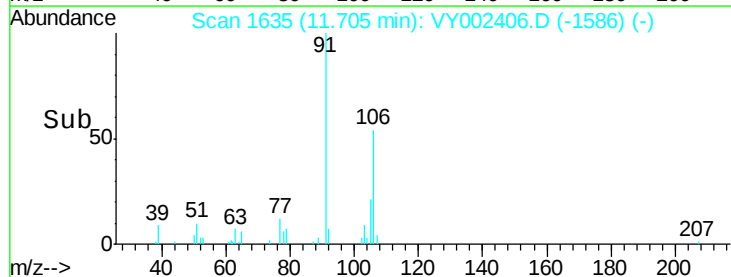
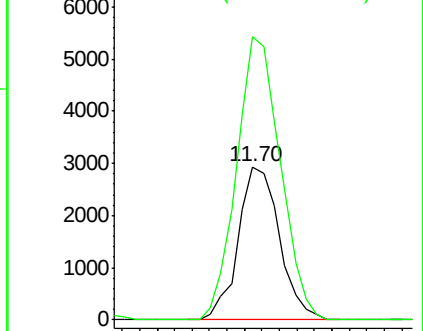


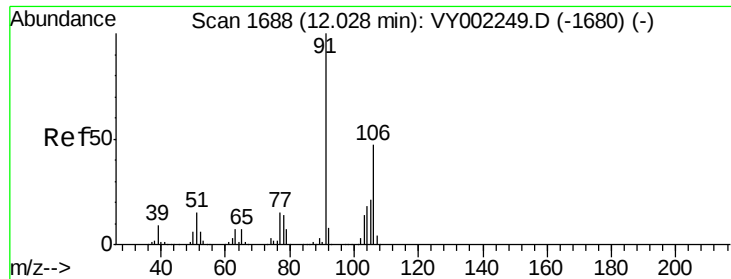
#68
m/p-Xylenes
Concen: 2.242 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VY002406.D
Acq: 17 Apr 2020 17:49

Tgt Ion:106 Resp: 4795
Ion Ratio Lower Upper
106 100
91 196.6 159.8 239.6



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

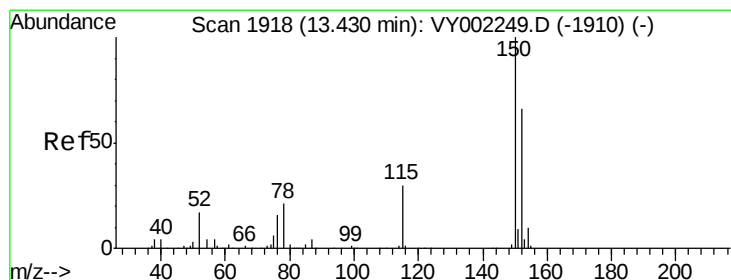
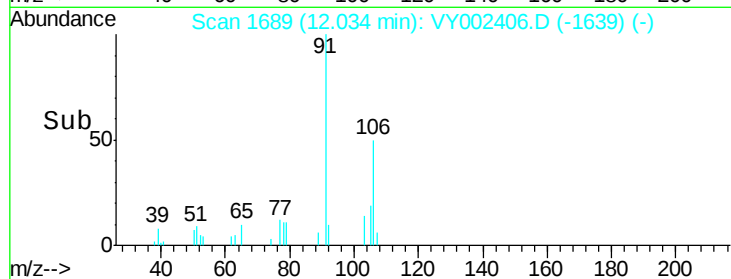
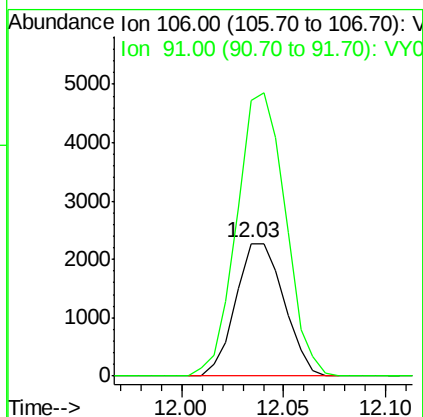
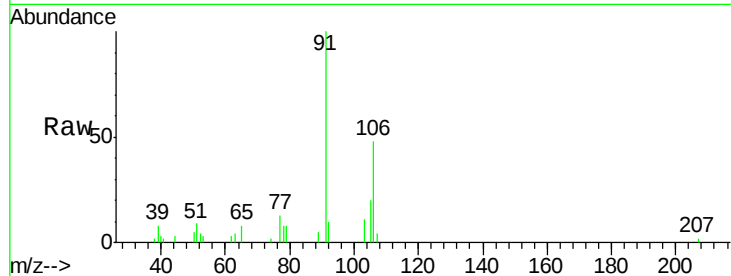




#69
o-Xylene
Concen: 1.863 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY002406.D
Acq: 17 Apr 2020 17:49

Instrument :
MSVOA_Y
ClientSampled :
BG-10

Tot Ion:106 Resp: 3741
Ion Ratio Lower Upper
106 100
91 215.3 105.8 317.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY002406.D
Acq: 17 Apr 2020 17:49

Tgt Ion:152 Resp: 61184
Ion Ratio Lower Upper
152 100
115 60.2 30.7 92.1
150 158.7 0.0 350.6

